

All Prior Art

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1459825606-42784941-1c9e-4f74-ba9f-b5c57ceedd0d

A monobloc piston assembly has at least two parts fixedly joined together forming a piston body having an oil cooling gallery. The extended conjugation of the phthalocyanine dye includes at least one benzene moiety of the component being one of joined to an aryl group either indirectly using an alkylene linkage or directly, joined to a benzene moiety of another of the components to form an oligomer of the components, and a combination of and. After the cleaning step, the surface is exposed to a strong gaseous oxidant, preferably hydrogen peroxide vapor. Initially, while the output of the proton exchange membrane rises to a predetermined level, power is supplied by the AC power source to the rectifiers and from the rectifiers to the capacitors and the telecommunications facility. The method includes the steps of first forming a first tensile dielectric layer on a substrate, and then forming a second tensile dielectric layer on the first tensile dielectric layer.

1459825607-48a4865b-a1ce-4f1e-ae25-dc23b938fdc7

An input display apparatus includes the following elements. The process includes solutions of one or more metal precursor and soluble polymers having binding properties for the one or more metal precursor. The RAS server can also receive an IP packet and convert the IP packet to an AAL2 CPS cell, to be transported to the IAD. In this way, the collected thermal energy is transformed into electrical energy for powering the dispensing system. The first range is less than the second range, in various embodiments.

1459825607-520e23a6-4f96-45c6-8786-11c2b8f85521

This invention relates to a process for reducing the level of pollutants in the exhaust of a diesel engine, comprising: operating said diesel engine using as the fuel a water-diesel fuel emulsion; and contacting the exhaust gas from said diesel engine with an oxidation catalyst. In such a single-lever mixing valve, increased hygiene and an improved visual impression are achieved in a simple construction by the pins being rotatably mounted about a rotation axis which is in alignment with the pivot axis of the actuating shank. Only when the safety locking member is actually moved to the unlocking position, the trigger can be depressed to cause the valve assembly to open to release fuel at the outlet port of the nozzle portion and also cause the piezo-electric ignitor unit to generate electrical sparks at the outlet port of the nozzle portion, to thereby produce a flame. An air moving device passes air through the enclosure from the ducts if the cover is an intake cover, and/or into the ducts if the cover is an exhaust cover.

1459825607-bdf650a5-f178-41b2-b584-fdf2d086eab8

Described herein are methods of remodeling the base of a ventricle. The pilot fuel circuit is in close proximity to the main fuel circuit enroute to the pilot fuel atomizer so that the pilot fuel flow cools stagnant fuel located within the main fuel circuit during low engine power operation to prevent coking. The device further includes an electronic control unit configured to activate the ozone generator to produce a comparatively large amount of ozone sufficient to disinfect the evaporator.

1459825608-4d3e6792-3bc8-45a8-b022-80a000973d1e

A mobile station downloading an object over a broadcast channel uses a repair service to obtain data that was received in error during the original broadcast. In one aspect, the inflator includes a longitudinal enclosure having a substantially uniform cross-sectional area along at least a portion of the enclosure, and a gas generant composition positioned along the portion of the enclosure. The transmitting portion and the non-transmitting portion of the photomask each has a reflectivity of energy beam of 30% or less in at least one surface facing the magnetic recording medium. A method for transporting and dispensing a beverage is also disclosed. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The sensors are thus

capable of adopting any relative separation with adjustment operations that are extremely quick and simple, by simply releasing and again locking, while the height of said sensors can also be adjusted by loosening and tightening the clips.

1459825609-121ac3af-d329-4742-bdd8-468b13f1be67

A torque control system for an engine includes a throttle plate having an adjustable throttle position to regulate a first mass air flow into the engine. The sheet stacking portion stacks sequentially discharged sheets. The ruthenium complex reduces enamide to the corresponding amine with up to 99% enantioselectivity. The conductive body has an anchor portion filling the contact receiving cavity and the access hole and connecting electrically with the bonding pad. Preferably, electrical connection between the inner terminal and the wire is tested after the step of removing the inner terminal and the wire from the bath of the molten solder.

1459825609-5a7efc84-fb94-4711-be85-df1e218111e9

An electrical card connector is provided for accommodating various electrical cards. Methods for polishing wafers are also provided. In one embodiment of the method, the oligonucleotides are attached to nanoparticles and have sequences complementary to portions of the sequence of the nucleic acid. Methods and systems are provided to allow multicast packets originating behind the virtual routing bridge to be properly handled to comply with reverse path forwarding.

1459825609-9945fa24-9fc3-4a45-96a5-77197a3a3d68

A rule management system and methods are disclosed. The tuning material and the amplifying material are placed parallel to one another. A detector measures the changes in the flow rate.

1459825610-4d8b2079-3fd4-4186-b12c-c4d5507510f6

A virtual cash system, method, and apparatus has an account record containing a record of money amounts associated with a wireless device and a transmitter for wirelessly transmitting to the wireless device predetermined information from the account record. The method receives a first subset of the set of inputs from the first controller. Based on the specification and the display data, hardware is selected or configured.

1459825610-815fd125-bb11-4577-9e4f-14a8648a6738

A pharmaceutical or medicinal preparation comprising a mixture of herbs including Glycine max, Coleus forskohlii, Camellia sinensis, Allium sativum, Withania somnifera, Boerhavia diffusa, and Curcuma longa, or a mixture of the active ingredients that have been extracted from those herbs. At least one of the capacitance line and the counter voltage line is connected to the interconnection layer between the driver circuit and the pixel. The embedded power bus bar structure has a predefined pattern within a selected area of the stiffener. Thus, if the lamp is configured for a bulb that utilizes AC current, the pin configuration of the receptacle and an AC power cord supply AC current directly to the bulb or a ballast.

1459825610-f6c3709b-c0ab-46ab-8379-ace8da34e3ad

A fiber optic cable includes an optical fiber, strength components disposed on opposite sides of the optical fiber, and a polymeric cable jacket. The rear hood includes a pivot device disposed in an upper front end region thereof and having a pivot axis extending transversely of a vehicle body. Front and back neck connectors are positioned along front and back areas of the collar, both intersecting with left and right shoulder connectors that are attached the shirt's left and right shoulders, respectively, where the front and back pieces of the shirt meet. Partitioning schemes for the current data records in the 2D space are generated. The back-end processing operation is selected from one of the following options: decorrelation, channel estimation, equalization per user, and decoding per user;

channel estimation, equalization, and decoding per user; decorrelation plus maximum likelihood detection per user; and, ML detection over all users. The solid-state image sensor prevents deterioration in MTF which is caused by floating electric charges being trapped in a potential well in a photoelectric transfer section.

1459825611-22cd54ea-e79e-4984-b54b-ba392b4f2fef

A substrate protected by a polymeric lining wherein passageways are provided between the lining and the substrate for channeling of fluids which may penetrate through the lining to the substrate surface. The apparatus is configured to receive a first job request from the computing device to be performed by the peripheral device and transmit the first job request to the peripheral device. In accordance with the present invention, the carbon nanotubes can be attracted to the self-assembled monolayers so as to be attached to the metal oxide surface, or they can be repelled by the self-assembled monolayers bonding to a predetermined surface other than the metal oxide surface containing the self-assembled monolayers. The profiling sessions and the debugging sessions are simultaneously performed via the integrated infrastructure.

1459825611-52674181-bc9f-44e2-9074-092d032319d8

When it is determined that a touch position by a user has shifted on a scroll image display region in a direction different from a first direction, a scroll target image is scrolled and displayed in the first direction. The gas turbine combustor incorporates a unique flow sleeve configuration for directing air to more effectively cool a combustion liner. However, when wetted, the fibers will start to be dissolved, or swell, and the different contents will be released and then interact.

1459825611-be3b159d-685b-4edb-96ef-c3cbfd22cd80

An ink cartridge includes a flexible bag filled with a liquid ink, and a cartridge housing that holds the bag. The data export is accomplished by first reading a time file to determine the last date and time that data was successfully exported to the destination database. Where the population of cells includes diseased cells and healthy cells, the images can be separated into a healthy subpopulation, and a diseased subpopulation.

1459825611-e00cf172-7ed2-4c49-a361-2e5a0ec0cbff

Embodiments of the present invention describe a method of fabricating a III-V quantum well transistor with low current leakage and high on-to-off current ratio. In one aspect, a downhole tool includes a body, and a mandrel disposed in the body and movable in relation to the body. Mobile terminals 7 listen to the broadcast channel, either when registering with the network or subsequently thereto, to determine the routing prefix. An inner surface of the light shield is made as a diffusion surface for evenly diffusing lights inside the light shield, by which a homogeneous line light source for the scanning process is formed at the long slot of the light shield.

1459825612-7080924a-140d-41a2-82d3-ce901d199bba

Improved techniques that facilitate the use of podcasts are disclosed. Movement of the stitch is repeated until the position of the stitch is converged. A current sensor monitors an input current and generates a current sense signal responsive thereto. The optical element includes an input surface for receiving light from the color-corrected light source and an output surface for emitting the received light in a desired emission pattern. The reception state evaluation unit determining the level of the reception condition based on the number of positioning information satellites from which satellite signals are received and the signal level of each received signal, and the display controller displaying the reception level output by the reception state evaluation unit on the reception state display device.

1459825612-94d16908-26e8-4356-81f1-559774b1e8a0



The invention provides, in one embodiment, a method for accessing an operative space within a patient. A series of rare-earth doped silicon and/or silicon carbide nanocrystals that are either combined in a single layer or in individual layers that produce the required Red, Green, and Blue emission to form a white light. Specifically, each sensor set is configured to detect electromagnetic radiation from a one of a plurality of point sources, where each of the plurality of point sources emits electromagnetic radiation of a different frequency. The script program is a computer-executable patient protocol that provides information to the patient about the patient's health condition and that interactively monitors the patient health condition by asking the patient questions and by receiving answers to those questions.

1459825613-5f9c4ec3-d0c6-4fe4-af08-b4f3b9ecac4c

A method for treating a disorder of a patient. The apparatus includes a housing that is configured such that a device may be fitted within the housing and thereby be protected, such as from shocks and/or liquid. The grouping of cells is performed differently for even and odd frames such that, in one type of frame, locations of two or three cells grouped into each group are shifted by one cell, in the direction crossing the electrode pairs, from the locations of cells grouped together in the other type of frame. If the CPE is adapted for call monitoring and includes a speaker assembly, then the speaker assembly is engaged in response to the activate call monitoring data message, thereby allowing hands-free call monitoring. The engaging part is provided for adapting drivingly to engage in a concave-convex manner. More particularly, the present invention provides a method for fabricating semiconductor devices, for example, transistors, which include a hardened gate oxide and which may be characterized by a relatively large nitrogen concentration at the polysilicon/gate oxide interface and a relatively small nitrogen concentration within the gate oxide and at the gate oxide/substrate interface.

1459825613-a89d30eb-3229-4f08-92db-98fdf02655a8

Methods and apparatus in a near-field communication system, in which a modulated signal received in a Reader is clipped by applying upper and lower clip levels. Optionally, an undercoat layer is printed on the substrate prior to applying the first ink jet ink. The two undulated contours 10, 14 do not run equidistant relative to each other. There is further provided a stock having a bedding portion that includes a surface forming a channel in the bedding block.

1459825614-20da3e6a-639c-4bd5-aefc-e1f84ed2ba0d

A method for forming masks for manufacturing a circuit includes providing a design of the circuit, wherein the circuit comprises a device; performing a first logic operation to determine a first region for forming a first feature of the device; and performing a second logic operation to expand the first feature to a second region greater than the first region. According to one aspect, the method comprises processing at a callee mobile switching center associated with a callee device an initial address message received from a caller mobile switching center associated with a caller device. A first telemetry transceiver excites the primary conductors using a second propagation mode orthogonal to the first mode. A side wager hand consists of the at least one 2-card hand dealt to that player and the dealer's face-up card. With the purpose of obtaining a high and good admixing capacity and avoiding the generation of noise, the admixing of the second fluid is effected in the end of a pipe, which pipe has an increase in area of at least 50%, directly after the admixing, viewed in the direction of flow of the second fluid. The process to produce the aromatized particles is also set forth.

1459825614-a4574694-3d17-43a5-9fcd-e8a7b2a81df8

A system is described that includes a power conversion module, a data port, a controller to receive data from the data port, and a data store containing instructions that when executed by the controller perform operations to control the

power conversion module. The latch may have a feedback circuit to generate feedback information based on at least the output information. The device also includes a device for engaging the dispenser such that the blade control is moved upwardly in relation to the dispenser frame to open said capture blades. Battery post extensions couple the battery test module to terminals of the battery. The plug is affixed to an actuator rod which transverses the body of the valve assembly.

1459825615-bd5943e5-fe4f-45fe-ba53-fbada85eff28

An exemplary constant velocity joint includes a first member and a second member rotatably engaging the first member. A cap for the container may include a valve to control product leakage, and may be sized to allow inversion of the bottle. The cutting teeth are juxtaposed with one another on the longitudinal axis.

1459825616-f4848410-cef9-4ea8-a493-2223caf3da11

The present invention describes a method including providing a substrate; forming a photoresist on the substrate; performing a post-apply bake on the photoresist; exposing the photoresist to actinic radiation; performing a post-exposure bake on the photoresist; developing the photoresist; and performing electron exposure on the photoresist to reduce line edge roughness. The actuator includes a field structure assembly having an arrangement of permanent magnets and magnetically soft components, and a moving coil assembly. An output signal from the differential output driver circuit is transmitted through the first and second signal lines. They are fit for being the robot control units with the relevant robot applications installed. 5; adding a biocide in reduced amount; and adding a scale inhibitor to inhibit scale. When a cell within a certain NAND stack is selected for a read operation, a peripheral circuit drives selected gate word line to the well potential and drives the word lines of the other gates within the selected NAND stack to a potential at least equal in magnitude to the magnitude of the a reference voltage plus the threshold voltage of a memory cell in the programmed state.

1459825711-95cfda09-ee31-422d-896d-9bc55d18fde7

A distribution control system control module for a transformer in nuclear power engineering, includes: an input command processing logic unit, a malfunction processing logic unit, a state processing logic unit, an output command generating logic unit and a 6. In another aspect of the invention there is provided a method of depositing a nanomaterial onto a substrate. The method of the present invention has such advantages that reaction runaway does not occur, the control of molecular weight and conversion rate is possible even at low exothermic temperature, and a partially polymerized acryl syrup can also be prepared therefrom. The rail is mounted to be rotated about the optical axis of the antenna, this giving a simple adjustment of the other horns. The feedback unit can be programmed for different biopsy procedures so that the user can actuate a button to select a display or other feedback mechanism for the desired procedure and anticipated tissue to be encountered. The memory is configured to store a first electrocardiogram measurement.

1459825712-3def8c1d-b80b-4c9b-9954-2b8a95336873

A system and method of establishing and simplifying peer-to-peer networking connections among a plurality of computers and devices, whereby network connections may be established whether firewalls, network address translators, or any combination thereof, are present or not. The image data creating step creates the image data on each of the plurality of color inks so that the rate of areas in which all the plurality of color inks are applied, in the black image area, is higher than that of areas to which only some of the plurality of color inks are applied. The identity and concentration of contaminants in a bulk material can also be determined.

1459825712-b11d64c8-49ca-4448-be9c-d076424daca

An apparatus for retaining a heater on an injection molding nozzle comprises a retaining body configured to fit around the injection molding nozzle. In the case with the anti-vibration adapter being attached to the lens supporter, the camera is firstly supported at a camera supporting part formed at the lens supporter through a pedestal adapter, and a screw of the lens supporter is fastened to a nut part of the anti-vibration adapter to support the anti-vibration adapter on the lens supporter. The light-absorbing material and the outer surface of the cladding layer have indices of refraction that are matched, or very close to one another, such that any modes of light that are propagating in the cladding layer that impinge on the interface propagate into the light-absorbing material and are absorbed thereby. A relative difference is determined between the background of subsequent spectral data sets is determined and compared to a predetermined threshold value. Further, the locking cap has a slotted bushing that is positionable in the elongated slot of a rod connector member.

1459825712-fbd622b0-8654-4c46-9919-7ec64e306ae4

A semiconductor device comprising a semiconductor substrate having source and drain regions located in the semiconductor substrate and having similar doping profiles, wherein a channel region extends from the source region to the drain region. A plurality of drive magnets are movably positioned generally adjacent to the rotor magnets. The mobile device may be enabled with a cellular voice and data communication, WiFi connectivity, Bluetooth connectivity, and Internet Protocol connectivity.

1459825713-2a1aafd6-2dc2-40dc-8b58-34c6e8d110b2

Object To discharge printed paper to a different position on a single discharge tray by providing a changing means for changing a discharge direction of paper conveyed and discharged from a paper discharge part. A stream enabled application executing in a virtual execution environment may use the blocks when needed. In another embodiment, half of the coupled sectorial loop antenna is electrically coupled to a ground plane, where the antenna includes one pie-slice shaped sector and two arches. The actuator transfers an actuation force to the head restraint portion for initiating movement of the head restraint portion from the rearward position to the forward position. The control circuit may control the intensity of the lighting load by pulse width modulating the load current when the target intensity is above a predetermined threshold and control the intensity of the lighting load by pulse frequency modulating the load current when the target intensity is below the predetermined threshold.

1459825713-c9827ccf-48d6-4b37-ab97-b716a7ea7a53

A vehicle headrest apparatus has a headrest unit mounted to an upper end of a seatback. By opening and then closing, or opening and then moving the axial members, the user can fit or remove them into or from the fitting holes, respectively, so as to mount or demount the cabinet to or from the supporting base. Update engines are used in conjunction with policy files so that the product's versions and updates on the client computing devices are consistent with each other and with the main development environment as represented by a main policy file. The rotor of an existing generator is mounted on the joined shaft. The layer comes in close contact with the nail and optionally with the surrounding skin.

1459825714-093e7599-1ce6-411d-b664-63322d954352

An impact absorbing unit for a vehicle which is subjected to an axial compressive force from the impact in the event of a traffic collision, which includes a columnar piece of wood and a metallic housing covering lateral faces of the piece of wood. The user-provided specification may identify mandatory data elements along with data elements to be tested. In a further aspect, the enhancements relate to conflict handling with a CSG cell priority. The region of the semiconductor substrate may comprise CMOS sensors, and one or both of filter material and microlens material may be formed within the opening. When the adjusting button is

depressed and moved to a rear or a front end of the guide slot, the internal sleeve is held in place to retract or extend the ink cartridge, respectively, and the rear casing may be pushed toward or away from the front casing to shorten or increase an overall length of the pen. The dry powder formulation has a single active pharmaceutical compound having two major populations in particle size distribution: microfine particles of the active pharmaceutical, of 1-10 microns in diameter, and larger carrier particles, also of the active pharmaceutical compound.

1459825714-55029575-d7fe-4107-b19a-c5dbd3749ddf

In accordance with the present disclosure, a system and method for transmitting communications over a transmission medium between a first component and a second component is provided. The provision of a setting device, which is connected to the reference input and is used to determine an envelope of an amplitude-modulated signal at the input is furthermore expedient. The pivotal attachment of the brackets to one of the stringers and the unattached stringer is moved into contact with the other stringer at mating faces. The single chip 2N OXC may also include a lid overlying and spaced away from the substrate to provide a hermetically sealed package. A release is used to move the reel from the first axial position to the second axial position.

1459825714-a32e00bd-8050-419c-9ae3-dc5a146b149c

The present invention provides a circuit board structure having an embedded capacitor and a method for fabricating the same. The solution involves the incorporation of a manual interlock switch that blocks activation of certain functions during times when such activation would be hazardous and when no properly authorized person has authorized such activation. The system and method significantly lowers the power consumption of the switched capacitor circuit, while overcoming the main issues related to dynamic current biasing in an Op-amp, common-mode feedback interaction, using architecture other than the standard differential input stage of a normal Op-amp. As a result, the process is simplified and a photoresist tail phenomenon does not occur.

1459825715-b5b01380-3c0b-42c7-8606-179ebcc8cea3

The present invention is a hollow article with an integral impact absorbing rib and the method of manufacturing the same. The system also routes an incoming call to a device associated with an enterprise communication network to a plurality of telephony devices including wireless devices and other remote devices. This protective layer is especially effective during the development and resist stripping stages of photolithography which use solutions or solvents that would otherwise cause reductive corrosion of ITO in contact with aluminum. Transition from the traffic state to the AH state may be initiated after a brief period of inactivity on the reverse link.

1459825716-38b780be-6528-4a56-bb6c-b63e17c5b871

An ink jet printing apparatus and a print position adjusting method capable of easily adjusting a relative print position between nozzle lines are provided. In one embodiment, an apparatus includes a data storage unit to store and synchronize a plurality of data line signals with a clock signal. For application in the field of dermatology and nutrition, and, in particular, in the photoprotection of the skin and mucosa, photo-ageing and photocarcinogenesis, including protection of the immune system associated with the skin.

1459825716-92a65e9c-feae-4cbc-b74f-654fd0e02217

Provided is a power supply system including a crane and a power supply truck. The copolymer composition includes a copolymer of 51% to 99. In this manner, one or more embodiments of the invention disclose systems for simplifying and reducing costs associated with upgrading conventional older technology HVAC systems to accommodate modern thermostat technologies. Dummy registry keys are created that are typically used by a debugger to make it appear as if a debugger is present

within the operating system of the user computer. Methods of treatment of diseases such as cancer and diseases caused by pathogenic microorganisms is provide using the composition. In the server apparatus, installing of a plug-in file in a first storage apparatus is detected, binary image data of the detected plug-in file are written to a first storage area, and the binary image data of the plug-in file is copied to the client apparatus.

1459825716-9d5b39fc-d53e-4ae0-a210-8d16f8b34c76

An integrated connection assembly for a global positioning satellite receiver and a personal digital assistance device or cellular phone. Features of the obesity treatment devices include insertion of said devices transorally and without invasive surgery, without associated patient risks of invasive surgery, and without substantial patient discomfort. The passages are arranged in a spiral form in a manner such that a heating wall is provided between the passages. The propellant tape is advanced, carrying another propellant target into the ignition chamber.

1459825717-1b7360f0-a304-486b-8a28-aa8d3538564f

A first printing device forms position alignment marks on a front surface of a web in addition to front-surface images. The coding pattern comprises a plurality of target elements defining a target grid. Both the message and the setting regarding a language setting among the settable items are expressed in the English language and stored. \u2018Top Shelf\u2019 ripens mid-season, and holds up well in storage trials.

1459825717-494b027b-5801-45b9-b1d6-0c0979867ab9

A first motor-actuated expansion valve and a second motor-actuated expansion valve which are connected in parallel with each other in back-to-back connection are provided between an outdoor heat exchanger and an indoor heat exchanger. The network elements include interface devices that are coupled to corresponding stimulus devices. The source substrate includes a front face and a zone of weakness below the front face that defines the useful layer, and the useful layer is sufficiently thick to withstand heat treatments without forming defects therein so that it can be reduced in thickness to form the ultrathin layer. Alternatively, the isolated DNA sequences which encode these proteins can be incorporated into nucleic acid constructs which could be utilized as DNA vaccines.

1459825718-acd988aa-713e-4596-bc67-0fd373544416

The invention provides a comprising one or more ethylene interpolymers, and wherein the interpolymers, or the composition, has a melt viscosity from 1 to 30,000 cP at 177\xb0 C. The control coefficient computing part identifies, as a first vehicle speed, the speed of the vehicle when the detection part detects a start signal for regeneration control, the control coefficient computing part assigning a prescribed value to a control coefficient that determines a value of a control parameter that controls the motor relative to a target value of the control parameter. The handle can be held on the left side by a left hand, on the right side by a right hand, or in the front by either hand. A precautionary action system installed in a vehicle uses this database, or a database derived therefrom, in combination with a positioning system to determine when the vehicle is at a location that corresponds to the location of a precautionary action. Functional separation also allows either a modem's control or data pump operations to be repaired or upgraded independently of one another. A distinction necessity determination apparatus 10 for determining whether or not to perform a distinction of an electroencephalogram signal in an electroencephalogram interface system 1 includes a frequency analysis section 11 for calculating a representative frequency at which frequency power of the electroencephalogram signal becomes maximal, and a determination section 12.

1459825718-bfc3e56d-b88f-4289-b3f2-c1987b6b7707

A line dispenser for a retractable fence which includes a housing for holding a spool of line, the housing having a hole for communicating the line outside the

housing; a crank for rotating the spool to bring the line into the housing through the hole; and a tube located within the hole. The device includes nanowires embedded in a material that exhibits a deformation when properly addressed, e. The selection may include a song, a piece of music, a picture, a video, a film, or a TV program. The conductive pin is configured to insertably connect to a second electronic device. By supporting arbitrary phase resynchronization, this disclosure allows for theoretically infinite bus-length and thus no limitation on device count, as well as arbitrary placement of devices along the bus. The holder is readily adjustments to accommodate samples of various sizes, such as cylindrical shaped samples of various diameters.

1459825718-d434f447-2795-43e6-b6e2-6270cb53ff5e

A monolithic surface mountable monopole antenna. A coupling coefficient of the waveguide structure is gradually increased from the front side of the waveguide structure to the rear side of the waveguide structure. A controller, mounted to the vehicle, determines future environment in the field, makes an operator response plan in response to the determined future environment to determine command, and generates the command.

1459825719-bc7fdb48-c3eb-42a9-a324-1fe767327e3a

The present invention relates to a cache flush system and the method for a cache flush performed in cache memory against at least one corresponding prescribed event in a multi-processor system. The goggles comprise a goggles frame including a frame and a connecting section, a lens, a pair of head strap connecting means, and a head strap. The conditions can vary depending on the nature of the electronic device. These systems also provide significant processing advantages.

1459825720-86df713f-3418-4b35-a78f-6ed745f36cd5

A plasma display panel including a barrier rib for separating a discharge space thereof into a discharge cell unit and a method of fabricating the barrier rib. The structure is constituted by metal plates which are pre-cut so as to comprise complementary elements which can be fitted one inside the other, the plates being assembled so that the complementary elements of two adjacent plates are fitted one inside the other. It is applied to at least one surface of the molding. If the last data element should be located at the location of Px, then the last but one element is located and moved to the buffer. Feedbacks may be provided by the electronic device to the ultrasound power transmitter to increase power transmission efficiency. The display of the schedule is filtered to show only time segments which meet the criteria associated with the individual customer.

1459825720-dc494094-1fa3-4432-af49-eee22c4a0b47

A filter assembly for removing material that is entrained in a gas stream. In one embodiment the method includes, prior to performing a substrate processing operation, forming a layer of silicon over an interior surface of the substrate processing chamber as opposed to a layer of silicon oxide. The isoprenoid compound is contacted with an initiator an optionally with a catalyst.

1459825720-f85ccdae-0501-479d-a631-d5a333202c26

A manycore networks-on-chip formed by a plurality of clusters is provided. The removable front panel includes a plurality of manual controls operable to input instructions for a watering program, a memory operable to store the input instructions and a controller operable to execute the watering program. Where the rate of decrease of pressure is less than the given value, the motor is started when the pressure inside the tank has decreased to the motor restart pressure value. The synthetic fibers are heat shrunk and the laminate is binder free.

1459825721-f796c66b-25a1-41a3-8468-44fb99fce1fa

A card connector dampening assembly comprises a connector coupled to a printed circuit board and configured to receive an electronic card connected therewith and

a dampening member disposed at least partially between the printed circuit board and the electronic card. In the cooling device, a cooling plate is installed in the folder with a predetermined size, and a heat transfer element has one end connected to the cooling plate and the other end connected to a predetermined portion of a mainboard of the main body to transfer heat generated from the mainboard to the cooling plate. The second surface of each of the springs may include an attachment region and two contact regions. A separation metal pattern surrounds the lower electrode and connected to the second lower metal line. The absorbent material may be operable to absorb the liquid from the tissue site.

1459825722-9e4cf551-5c17-462c-897d-7b3b353d6aa1

A method is disclosed for creating an anchor within the gastrointestinal tract for supporting a barrier device therein. The circuit board has traces and mounting pads that are electrically connected to corresponding traces, and that are exposed within corresponding vias. At least the first signal transferring device between the drive spindle and the gear casing comprises a contact free transfer device.

1459825722-a585b7e8-1a36-4414-82e9-51ba251848eb

A multiple conversion tuner comprises a plurality of cascade-connected frequency changers, each of which comprises a mixer and a local oscillator. The method includes providing a support layer having one or more optical waveguides formed on the support layer, the waveguides having exposed interfaces. The existence of the stop code indicates that the system crashed during the previous session, and the type of system crash. The first sensor arrangement is configured to detect the speed of and/or distance to a part of an object located in front of the vehicle. A bubbly fluid producing device configured to produce a bubbly fluid containing a bubble with a desired bubble diameter, includes a first member configured to apply a shear to a bubbly fluid containing a bubble with a bubble diameter larger than a desired bubble diameter so as to produce a bubbly fluid containing a bubble with a desired bubble diameter.

1459825722-c72a17c5-db4b-4bce-9854-5c2f0b965a9d

A golf club head of this invention includes a face, a plurality of score line grooves formed on the face, and a plurality of striations formed on the face. At least one wireless terminal requests a multicast service corresponding to at least one requested layer. The first opening is disposed on a display surface of the housing, and the second opening is disposed on a rear surface of the housing. One or more of the materials forming the array is magnetic such that the magnetic group representation of the array does not include time inversion as a symmetric operator. The connecting members have first and second subsets arranged in first and second regions, respectively.

1459825722-c8447ed3-e466-4e2d-b007-65d08c7f54d1

A plurality of devices and a device system are disclosed, in which a plurality of input devices generate an input AV signal, a related device records and reproduces the AV signal, and a display device displays the AV signal. Such process provides good yields, even when a bulky group is present on the bisamine compound. The method continue with an implantation of the source region and the drain region with a lightly doped p-type sourcedrain implant, followed by an anneal to repair damage in the semiconductor substrate due to the pre-amorphizing implant and the lightly doped sourcedrain implantation. A determination is made that the difference between the power sensed with the first power pickup and the power sensed with the second power pickup exceeds a threshold. Once the quantized positions are determined, a rendering engine either renders the bitmaps for the glyphs, or retrieves cached versions of the bitmaps. The chip-card can then be used in a terminal in accordance with the specified release.

1459825723-14819e38-4c76-46f7-8f1a-9b084e1073f0

A method for controlling routing information for intellectual peripherals in a

subscriber-based ring-back-tone service. The front side lens unit includes a first lens unit located closest to the object side and having a positive refracting power and a second lens unit located on the image side of the first lens unit and having a negative refracting power. A delivery sensor is coupled to the controller to sense when the aid is delivered to a card destruction device. The video and the instructions can be transmitted to a receiving device, which can synthesize the model and the received video to generate a model-based video.

1459825723-5112ae4c-d7c9-4a24-8834-e00d26520645

Light apparatus particularly a headgear light comprising a light body removably securable to a headgear. The first voltage converter converts a direct current power voltage to a first pulse voltage. The BSF generates an authentication challenge and sends it to the MT under a server-authenticated public key mechanism. In addition, the invention relates to a reception device for a system for the transmission of a digital signal in inverse multiplexing, which carries out this method.

1459825723-6c9646b6-ed63-4daf-943c-ef33bcbeccd7

Disclosed is a traction device for detachable association with a motor bike for winter driving, the bike having a rear wheel assembly including an axle and a rubber tire supported by laterally spaced bike struts. By this, a flexible scheme to tailor the source size and radiation characteristic of an LED- or laser based system is provided. The method includes approaching a quasi-steady-state operating point of the friction clutch.

1459825723-da36df0e-18b1-42c5-a882-180729c8659d

A loudspeaker system has a loudspeaker housing that comprises at least a first and a second housing chamber. The precipitator includes a conduit for the passage of particles in an air flow and a generator of an electrostatic field substantially orthogonal to the air flow, and an ion supply, capable of charging the particles, in which the generator includes a point electrode and a two dimensional surface electrode. A printed circuit board interface electrically connects the power module to the control module, and a light source is electrically connected to the PCB interface.

1459825723-e216d867-b748-422f-90a9-2df39238bead

A system for regulating the flow of fluid through a progressing cavity motor includes an annulus restriction for restricting flow through the annulus passageway, and an annular biasing member for biasing the annular restriction toward a closed position. The gate electrode is separated and insulated from the cathode device. Each light detector generates an electrical signal in response to light. The pinning of the top self-pinned layer is enhanced by the layer of alpha-Fe2O3. The cantilevered portion configured to overlap a portion of the head suspension, such that movement of the head suspension toward the shock limiter due to impact or shock loading results in contact between the shock limiter and the overlapped portion, thereby arresting the movement of the head suspension.

1459825724-5f9cfa5c-f25d-4433-a9ba-73baf30d3fda

In a recording medium, the physical characteristic information of the recording medium, and more specifically, the configuration and the moment of inertia of the disc, is recorded. The method facilitates the task of checking the software system's conformity to design during development, testing, and maintenance. Each software component is associated with one or more meta descriptors. In this non-selective epitaxial growth, monosilane, hydrogen, diborane, and germane are used as source gases. Otherwise, the client computer may deem the file or data unit to be free of malicious code.

1459825724-9aa1402c-ae94-4a8b-80a2-82dabb1f41f6

A vent valve assembly includes a first housing component, a second housing



component, and a third housing component, as well as a first valve and a second valve. A substrate having a top surface is firstly provided. A second information layer is formed in accordance with the convexo-concave pattern. Both of a surface roughness value and a sub-surface scattering property of the material are estimated by calculations using the multiple speckle patterns and the incident angle for each such speckle pattern. This change in the optical property of the mark and the configuration of the control key data prevents further reading of the content data after predetermined reading and playback usage of at least some of the content data is permitted. By replacing data in the cache memory that might not be reused prior to replacing data that might be reused, the cache hit may be improved thereby improving performance.

1459825725-ba9c543f-dc01-4b6a-90e9-c3b0d782d04a

DC offset correction is provided with low frequency support. The core bay is in part bounded by the service plane and the rack interface plane. One embodiment of a method comprises the tracking of player game play in such a gaming environment using the portable transaction device or interface. A first convergently tapered portion formed at a tip end of the pipe is pressed against a first pressure bearing surface formed at one end of the sleeve to form a first seal. The material is suitable for use as dental materials.

1459825725-c22c7bf2-68d9-4382-8756-29b6d19f7a33

Level shifting circuits and a related method are disclosed herein. Identification information of each apparatus is acquired through network connection from a network configuration design supporting apparatus. The central office of the network is disposed between the at least one interexchange point of presence and the access loop. The estimation is based on a segmentation of the one or more projection images. The majority of the top surface of the support consists of one or more spill containment areas which are of a non-hydrophobic nature and which are bounded by the hydrophobic surfaces, such that spills on the shelving collect in the non-hydrophobic spill containment area or areas and are prevented from spreading by the hydrophobic surfaces. The subregions can be time offset by a predetermined time duration or by a random time duration.

1459825726-4d6766d1-6352-4987-8e70-f0b604e6e8a5

Integrated circuit device comprising a conductive layer and a poly-crystalline silicon layer, wherein the integrated circuit device further comprises an intermediate counter-stress layer. In a liquid crystal display apparatus in which a liquid crystal layer is aligned to be substantially vertical when no electric field is applied, the angle between polarizing axes of the pair of linear polarizers is  $85^\circ$  or larger and smaller than  $90^\circ$ . The snowmobile may also include an engine connected to the frame and operatively coupled to the track by a drivetrain. While periodic immersion of filter fiber in liquid might achieve appropriate particle removal for some applications, better cleaning is provided by creating a reverse flow of liquid through the filter material. If the effective unicast rate does not exceed the minimum data rate, the access point does not transmit the unicast packet to the station and transmits the multicast or broadcast packet.

1459825726-b76db678-4f10-466f-ad35-03a318bb2412

A Bluetooth-wireless docking station for use with a Bluetooth-enabled cellular mobile handset, which docking station allows mobility to the cellular mobile handset rather than having to be fixed stationarily in the docking station, which docking station couples standard POTS telephone sets, or POTS-like telephone units, connected to in-premises wiring, to the cellular, or cellular like, network. The door locking mechanism includes a lockhead member which includes a door stopping portion. Scrub solids free the inner wall of the reactor and the reactor cooling section of TiO<sub>2</sub> deposits, thereby achieving a better cooling performance, which produces a TiO<sub>2</sub> pigment with a narrow particle size distribution. An electrode advantageously includes two portions with one portion providing excellent bonding

characteristics and the other portion having temperature characteristics corresponding to the body structure and the diaphragm. The forceps may also include a yoke member for insulating the jaw members from one another to prevent short circuiting of the forceps. The method includes performing an action that is the same as an action that would occur in response to a user selection of the target item.

1459825727-1e16614d-3a86-4246-b832-49459954fae4

Iterative metric updating when decoding LDPC coded signals and LDPC coded modulation signals. This method offers simplicity, it is reproducible and could be adopted to screen large numbers of new potential anti-fibrotic agents. If the input does not include a threshold degree of similarity with a prototype symbol, the input is stored as a prototype symbol. The container is removably disposed within the dispenser base and includes a valve inside the outlet. By providing third and fourth secondary windings at right angles to the first and secondary windings it is possible to detect position in two dimensions.

1459825727-34ea678b-21ab-46ff-a966-5d0d0472616f

A method and system for determining similarity or correlation between categories of a hierarchical taxonomy for documents by combining heterogeneous similarity metrics is provided. The probe enables detection of proteolytic activity in extremely small volume and at low concentration. An entire portion of the base which comes in contact with the works is made of insulant material. In addition, the rules processor is configured to access the business rules to assess compliance with the terms of the agreement during delivery of the loans. When there is an abnormality that a power receiving mechanism of the vehicle cannot receive electric power, a vehicle ECU causes the power transmitting device to stop power transmission, opens a relay and further discharges remaining electric power by the discharging unit. Upon expanding in the outward direction, the first bladder bears against the back of the user's neck and forces the cervical spine to curve forwardly.

1459825728-1b31fbce-0d29-4a32-a121-83b64f4ed5b0

Methods and systems are provided for generating a personalized video mosaic from multiple of video sources in a cable television services system. A still another object of the present invention is to provide an expansion agent for CD34+ cells useful for treatment of various hematopoietic disorders caused by dysfunctional hematopoietic stem cells and/or hematopoietic progenitor cells. Connectors comprise a plurality of hinged petals that are shiftable between an open position, which permits access to the connector insert carried by the connector and a closed position in which the petals cooperate to define an appropriately-sized cable sheath termination nipple. The mover moves the transporter along the frame.

1459825728-efd441da-6840-4194-b245-dd5597fca177

A polyether copolymer having a weight-average molecular weight of 104 to 107, formed from 3 to 30% by mol of a repeating unit derived from propylene oxide, 96 to 69% by mol of a repeating unit derived from ethylene oxide, and 0. A laser beam is applied from beside one of the back and the face of a semiconductor substrate and focused onto the other of the back and the face of the semiconductor substrate, or the vicinity thereof, to partially deteriorate at least a zone ranging from the other of the back and the face of the semiconductor substrate to a predetermined depth. The bit error rates for the first sampling points are averaged to produce an average low mask region error rate. In one embodiment, the automated image quality analysis may be directed to an ultrasound image of the carotid artery. The drop-impact display unit and the tilt display unit displays the direction of drop impact and the direction of tilting at the same time.

1459825729-bad5b20e-a94c-41d9-ab5c-a0d4c311ccb9

The invention refers to a measurement probe for measuring magnetization data of at least one item, specifically a security document comprising at least one magnetic

security material, said measurement probe comprising at least one core free magnetizing coil characterized in that at least two magnetic field sensors are disposed at both ends inside said coil at its both ends. The sunroof device also comprises: driven teeth formed on the sliding member, that are meshed with the driving teeth and restrict relative movement of the drive cable and the sliding member in the vehicle front-rear direction; and a mounted portion formed on the guiderail. The control unit may also charge the battery from the external power source, and the lights may additionally be flashed in response to a signal indicating that fire conditions exist. from the outlet end of the ejector tube. On the base layer, aggregated particles are dispersed and disposed.

1459825729-bcddb502-8c13-4d71-9179-78f1a6d38f38

A gaming machine has a display panel with permanent indicia and optionally also adapted for display of transient indicia which act with the permanent indicia as part of the gaming played on the machine. A movable clamping jaw opposes the fixed clamping jaw and is pivotally engaged with the pivotal support, thereby being rotatable between an open jaw attitude and a closed jaw attitude. The capacity of the suction pump can be increased without enlarging the planar shape. An eye cup is mounted on the eyepiece for shielding the eyepiece lens from ambient light. ASi is an OH\u2014, NH2\u2014 or CO2H\u2014 group.

1459825730-734a7b53-aaa8-44c8-8f09-22a869566c5d

The present invention relates to a semiconductor layer applicable to a heterojunction bipolar transistor, a forming method thereof, and a semiconductor device and a manufacturing method thereof, for example. An arm extending from the seat plate has a slot which receives a pin of the main frame to limit forward and rearward tilting of the seat plate. The conveying mechanism is arranged in the sheet conveying path to convey a sheet.

1459825730-dd3dea60-39bc-4e8c-9518-b9235fc9d60d

An electrospray device for a mass spectrometry system is described. The variable attenuator includes first and second differential to single-ended transconductance stages, each biased by a current device. Such reduced pressure requirement translates in an increased flow rate in such region under constant extrusion pressure.

1459825730-f3d8e908-b424-4fe3-83c6-573c9f1db627

For each of pattern projection regions, a mask and a substrate are moved in synchronization with each other in an X direction while projecting a portion of a mask pattern through an optical projection system onto a portion of the pattern projection region. A support platform is located in the lower portion and accommodates a quantity of lip balm having an arcuate surface. In this way, a compact structure can be achieved. It allows a user of the such apparatus to safely suspend items such as paint pots or tools from a ladder for easy reach.

1459825731-1d55d878-7c4c-4755-9b51-5571f84799b0

A magnetic door stoplatch contains a first magnet mounted on or within a door and a second magnet mounted on or within a structure opposing the door, such as a wall, door jamb, door frame or baseboard. The battery module has a plurality of battery heatsink assemblies with the cells disposed therebetween. The housing includes a first manifold defining a plurality of first passages and a second manifold defining a plurality of second passages in fluid communication with the plurality of first passages. The combination has a marbled appearance.

1459825731-60b92ea3-644f-48a6-9523-5d83a84b3e49

A negative pressure generated inside a liquid-ejecting head can circulate liquid between the liquid-ejecting head and a liquid tank, prevent the liquid from leaking out of nozzles while the liquid is circulating, and remove bubbles contained in the liquid. The received transmissions are analyzed to determine the state of the

station, where the state of the station indicates whether the station has authenticated and/or associated with the access point in the wireless local area network. and is formed from at least first and second particle fractions, each of which is present as granules of nanoscale, amorphous, synthetically produced SiO<sub>2</sub> primary particles having a mean primary particle size of less than 100 nm.

1459825731-b2a6e36b-e35f-469c-8bfe-9e7ce937ef64

A nanorod light emitting device includes at least one nitride semiconductor layer, a mask layer, multiple light emitting nanorods, nanoclusters, a filling layer disposed on the nanoclusters, a first electrode and connection parts. A structure having an upper patterned dielectric layer with an opening therein is provided. A force is applied to the first and second levers to bring non-skid pads thereon into engagement with the intersecting surfaces. A global measure of network performance is then computed based on sharing of local performance information between nodes, which each node uses to adjust its parameters accordingly. The catheter may further include one or more additional or auxiliary flow control members located upstream or downstream from the fluid flow divider to further segment the patient's circulatory system for selective perfusion to different organ systems within the body or to assist in anchoring the catheter in a desired position. The bus manager maps the first and second guaranteed unique identifiers to the first and second physical addresses, respectively.

1459825732-0a234778-130e-4934-9509-8ef00aa1f96c

An air induction housing having a perforated wall which simultaneously provides ample air entry into the air induction housing and excellent intake noise attenuation. One embodiment of a method for performing motion estimation includes setting a target complexity for a macroblock of a source frame and performing motion estimation for one or more partitions of the macroblock until the target complexity is met. The second load circuit has substantially the same impedance as the first load circuit, and is connected between the second node and the reference potential terminal of the second drive circuit. A lower portion member, which may be the lower portion that was cut, is re-attached to the reactor vessel by a re-attachment weld at a location below potential differential leakage paths along the CRD housing. In some embodiments, the occluding devices allows adequate blood flow to be provided to adjacent structures such that those structures, whether they are branch vessels or oxygen-demanding tissues, are not deprived of the necessary blood flow. The system comprises at least a lens, a light-guide, and a self-adaptive coupling feature.

1459825732-84c2f326-5130-41b1-8739-e242c94a637b

A processing apparatus includes a processing chamber configured to accommodate a target object to be processed, gas supply paths provided in a corresponding relationship with the kinds of process gases supplied into the processing chamber, and valves respectively arranged in the gas supply paths to open and close the gas supply paths. A header is disposed on the housing and includes at least one feedthrough extending through the housing for providing electrical communication to and from the electronic components within the housing. The WCD may be served by a preferred wireless coverage area and may be likely to roam to a non-preferred wireless coverage area. The additional local metadata may be provided immediately following the application address space mapped to the address space containing metadata. A current sensor generates a first voltage indicative of whether a lamp filament has been reconnected to the circuit.

1459825733-91237adf-f877-439e-a38c-25c08caead65

A composition for lowering internal lipid in a subject which contains a capsinoid substance represented by the following formula wherein n is an integer from 0 to 10. The apparatus of the invention is of a unique configuration that, through the use of a novel practice ball assembly, allows a trainee to positively observe the differences between the inward golf swing and the outward golf swing. The system

and method also includes receiving a response to the request by a third party facilitator from a user of a wireless device interested in completing the transaction. The interface includes an input and an output. The top portion of the caddy member has a recessed storage portion and a handle member.

1459825733-9643da1d-688f-4607-a191-dfcbafef74ae

A process for preparing a bisphosphonate compound comprises reacting a carboxylic acid with a phosphonating agent, in a cresol solvent. The control valve system further includes a slidable valve positionable in a first position, where fluid communication is established between the inlet and the first output; a second position, where fluid communication is established between the inlet and the second output; and a third position, where fluid communication is prevented between the inlet and the first or second output. The mechanical device includes a housing adapted to contain the sensor and an air cylinder adapted to actuate the housing to allow the housing to clamp onto the interior tube. Specifically, the ratio of the width at the outer peripheral region to that at the inner peripheral region is set to be greater than or equal to 0. The plate is fixed to the end of the motor shaft.

1459825733-e5051b6c-54f3-4bce-9a58-b0f1c4aeadb4

A bridge according to an exemplary aspect of the invention comprises a BPDU-receiver which receives a BPDU packet of an STP including failure information and an error-handler which performs error handling according to the failure information. The user could employ a standard word processing editor technique to highlight portions of a document that the user desires to be encrypted. The SoC is configured to generate internal clock signals in response to an externally supplied clock signal.

1459825733-ee932de2-8175-4ab7-865b-beb6ef903e27

A method and system for authenticating IP source addresses by accessing one or more HTTP requests whose source client identifies itself as a legitimate web crawler. The seat cushions of the juxtaposed aircraft seats can be raised or lowered to form a long, generally continuous bed surface, and a further bed section which is normally located beneath the seat cushions or hoisted into the cabin ceiling structure can form a further bed section. The comments include a first and second comment. Additionally, the method may include determining an adjustment of the weight of the first linked node within the plurality of linked nodes. The stand comprises a horizontal platform connected to an underside of an engine and legs comprising vertical portions and strut portions, the vertical portions directly connected to and obliquely extending from the platform and the strut portions obliquely extending from the housing to the vertical portions. Thus, ads can be chosen and generated when the user \u201copens\u201d the e-mail.

1459825734-793d1620-e112-4813-8855-0b9b304c512d

A phantom and associated method for calibrating registration in a multi-modal medical diagnostic imaging system are presented. By laminating a capacitive electrode and a capacitive line with an interlayer insulator interposed therebetween, a storage capacitor can be formed in a region overlapping the scanning line in a plan view. Further, a security or maintenance operation is performed in association with the accessed data.

1459825734-b3667095-6aaf-4aea-af16-f8958bacfeeb

An axial height adjustable, revision cutting in the shape of a final distal femur implant component. The structure includes a link mechanism having a first frame side link swingably connected to a first pivot on the side of a rear frame, and first power unit side links swingably connected to a third pivot on a side of the power unit. The sheet's first end is folded along a first pair of transverse fold lines and secured in a position to present an open cabin, rear deck and tail of the vehicle, whereby the open cabin may provide the container for food and other items. A base carrier parallel to the illumination carrier is disposed under the original

carrier and an optoelectronic scanning head for converting scanning light into picture signals is fixed thereon. Each chamber is designed to minimize intrusion to a clean room.

1459825734-b7d9f4ad-17ed-43ed-8269-1c2337d1b47d

A socket for a PGA package can maintain high reliability of connecting condition for a long period. Other embodiments are described and claimed. Indicia of a position of the object with respect to the housing is output. % of a soluble polymer; b) 4-95 wt. An insulation block covers the central contact bore, and a window opening bolt is set in engagement with and thus closes the observation window opening to force a projection of the insulation block to depress the core conductor to engage the central contact bore for electrical contact therebetween. The method further comprises associating a level of trust with the digital certificate based on the parameter of the cryptographic token.

1459825734-c2f47342-ff77-4741-afb8-d6e29a9ff609

After a charge has been made with a credit card, the charge may be analyzed to determine if it may be transferred to a line of credit. In some embodiments, the etching process involves oxidation of the exposed metal to form a metal oxide that is subsequently removed from the surface of the substrate. The moveable second locking member includes an operating portion and a locking leg defining two connecting slots therein.

1459825735-490b866a-6675-48c2-811c-d48a42106575

The present invention is directed to realizing a suitable electrical setting of a transferring unit as well as calculating the setting earlier than a conventional method. A motor vehicle is also described, which is configured to carry out the method according to the disclosure during a battery charging process. The debugger module receives the commands and converts them into function calls to objects that are accessible by the program.

1459825735-54e8ddf6-bd32-493b-8b08-08415979845e

A calibration and correction procedure for a fingerprint scanner. The stripping occurs at high pressure and temperature with no disengagement between or following the hydroprocessing zones. At least one of the stages comprises a cascade of a linear equalization element and a non-linear equalization element. , MP3 players, nor can a CD be burned for use external to the PC. When a second data transfer is controlled while a first data transfer is controlled, the data transfer control unit writes the first data transfer information and data stored in the data buffer into the second memory, reads the second data transfer information from the second memory and writes the second data transfer information into the data transfer register to control the second data transfer.

1459825736-6847b01f-aea5-4666-afce-0787d0b8f047

It will be understood that an apparatus and method is disclosed, which may comprise a multi-layer reflecting coating forming an EUV reflective surface which may comprise a spectral filter tuned to selectively highly reflect light in a band centered about at a first preferred wavelength and to significantly reduce the reflection of light at a band centered about a second wavelength, e. The system features good abrasion resistance and diffusion barrier effect, and is particularly suitable as a protective coat for plastic substrates. Operands a, b, c are scaled to  $a \times 10^3$ ,  $b \times 10^3$ ,  $c \times 10^3$  and then result  $d \times 10^3$  from the floating-point operation on operands  $a \times 10^3$ ,  $b \times 10^3$ ,  $c \times 10^3$  is calculated. The LED package further includes a lens part disposed on the light emitting diode chip and the encapsulant to radiate light in a wide angle.

1459825736-def91849-43dd-46d7-9309-0480830dfd74

A semiconductor apparatus with a modified pipe support. In one aspect, a method for indexing graphs in a database, the graphs comprising graphic data, comprises the

following steps. electrical power to an LED array includes a rectifier responsive to a. This enables the corner areas of the housing to be kept free for assembly and the reduction of material for manufacturing the housing. Moreover, the need to increase the strength of a frame and so forth can be eliminated, so the webbing retractor can be made compact and lightweight. Electronic lighting ballast is also used to intentionally generate specified harmonics of a certain phase and amplitude to a power source, and further, the method, apparatus and system uses such a capability to cancel undesirable harmonics generated by other equipment in a larger facility.

1459825736-f72c8a16-bf2d-4b09-8a46-373cef3743d6

A termination structure of a cryogenic cable has a cryogenic-cable end portion and a current-lead end portion that are coupled to each other with a flexible conductor. The intermediate film includes at least two layers, i. This first design also at least one controllable circuit that is initialized by a second type of initialization signal. This enables a smaller package to be produced by moving the bond pads laterally inwardly toward the periphery of the microelectronic component. The signal scrubbing is performed in either the time domain or in the frequency domain.

1459825737-ed0c7890-2253-4a81-95ad-dfd0b468802d

A service that augments a key element of Unified Messaging and Unified Communications initiatives\u2014i. The central cassette assembly includes a housing, a deadbolt mechanism, a latchbolt mechanism, a remote locking point mechanism and an anti-slam mechanism. In addition to the NOLM, the laser resonator has a linear cavity section. The trace registers are used to represent the current state best metric and are each configured to send their output to the inputs of the predecessor states representing the possible branches to the current state. The second cylindrical portion is coupled to the aircraft rotor fairing via at least one attachment device.

1459825738-0d07cac9-5296-4c04-95a3-e1f12724c0e0

The present invention relates to an automotive vehicle control system, preferably comprising a control logic with at least two control functions, such as ABS and YTC functions, with a tire sensor, i. The presentation vehicle may be a pop-under, for example. The activating unit is configured to be mounted external to a mold unit that houses the injection chamber.

1459825738-58b2d016-6f71-4cd5-9ac1-ed18d719ed27

System and method for carrier transportation management in a wafer fabrication facility are described. A font character is selected and sub-sampled. By virtue of having a removable applicator, the compact system is portable and convenient, while at the same time the applicator remains clean and intact until a time of use. Otherwise, the value of the depletion verify voltage is modified, and the re-program operation is again executed using the modified value of the depletion verify voltage as adjusted for the actual operating conditions of the memory array. In yet other embodiments, the wound treatment appliance also includes wound packing means to prevent overgrowth of the wound or to encourage growth of the wound tissue into an absorbable matrix comprising the wound packing means. A speckle pattern is generated by impingement of the collimated illumination beam on the surface and detected by a sensor array.

1459825738-6a587e76-1281-4ef2-abaa-dd323b8ce4b5

In an arrangement which including a motor-driven system for the separation of non-magnetisable metals, vibrations and resonances which generally are present in such arrangement, are eliminated. The system includes a computer processor, computer readable medium, and control logic stored on the computer readable medium and executed by the processor. During inner diametric expanding operation, an annular shoulder is formed on the inner circumferential periphery of the cylindrical wall

and plays a role as an undercut of the annular component. Since such branches include both hydrophobic and hydrophilic constituents themselves, and thus act as wetting agents, even after degradation of the initial surfactant compound, long-term wetting and moisture penetration, at least, are permitted.

1459825739-9111e9ee-a712-45d0-952c-6d3e5b2042db

A system for dispensing slushy or frozen beverages having an ingredient of interest or importance to a customer. The apparatus comprises a die having first and second terminals. Corresponding metadata of a subject part may be determined and compared to the metadata stored in the database. To simplify processing on the network side, the network side separates the addition branch candidates from the deletion branch candidates, and carries out sequential processing of them independently.

1459825739-9224a04f-e2cf-41e5-842c-f4dc2596f67a

At least one semiconductor fin for a capacitor is formed concurrently with other semiconductor fins for field effect transistors. P is chosen at a sufficient distance from the beginning of the window such that forward recursion determines a known state metric at the beginning of the window. The laser light source may be battery powered, or may be powered by a solar panel mounted to the light handle; the illuminating light providing sufficient light to power the solar panel. Subsequent reductive amination with the biarylaldehydes a through f completes the synthesis of the 7-piperazinyl-3,4-dihydroquinazolin-2-ones. The first arm, the second arm, and the proximate end substantially form a ring having a gap between the free ends of the first and second arms. Compared with the conventional lampshades that are foldable only in two dimensions, the invention can save the cost of package material and transportation.

1459825739-e3d57ca5-9ca8-4d38-8b5b-ed836ae36327

A method is proposed for automatically adjusting the filter parameters\center frequency, quality and amplification or attenuation\of at least one digital equalizer which is a component of a reproduction device for audio signals in a vehicle passenger compartment. An isolation indicator signal may be obtained by control signals from an isolation valve assembly or by signals from a DCS to indicate that isolation has occurred. Also, by determining whether it is possible to recognize that test disc is capable of recording, it is verified whether the border-out data can be smoothly acquired from the position in the vicinity of the outer periphery of the disc where playback characteristics are apt to be unstable. for water purification and desalination, also for separation of liquid mixtures and mixtures of gases and organic solvent vapors, preparation of ion-exchange materials and materials which are used as stationary phase in chromatography, construction of sensors, transport and targeting of drugs in organisms, and also preparation of materials bearing aromatic or curative compounds.

1459825739-f7d03339-5ef6-4943-a215-c68e46812a78

The gusseted pillow includes a top fabric section, a bottom fabric section and an intermediate gusset portion, wherein the peripheries of the top and bottom fabric sections are each longer than a total length of the gusset portion. A region of the channel layer between the first and second electrodes is exposed by an opening in the capping layer. A plurality of fibers is introduced inside of the film bubble. The stallreorder unit forwards the snoop request to a selector which also receives a request from a processor.

1459825740-b361f247-915b-4f1f-b19b-77acffb21b18

A beam line system includes a hollow tube and a plurality of protruding structures. The camera lens set on each side outside the car are used to capture the image around the car and transmit the images to the present device inside the car. The received optical signal may also include dual polarized signals for increased bandwidth capacity. A receiving side transparent electrode region of one cell is electrically connected to a back electrode region of an adjacent cell through the



first kind groove, the transparent conductive layer and the third kind groove. Thus operation of the pump may be reprogrammed, for example, to change the calibration factor or the operation mode or to change irrigation depending on the patient group to undergo surgery. The fingerprint sensor also includes a controller coupled to the conductive layer to capture a fingerprint image and can further be adapted to control the display.

1459825740-ec288376-e691-4414-a6c6-f81af0fba8d1

A Non-Volatile Memory cell in an NVM array is read out using other NVM cells in the array as a load element. The beaters are optionally also disposed to clean a container in which the ingredients are frozen. A common support structure fixes the antennas with respect to each other. Since the channel is thus formed inside the pedestal portion, the device will not be larger-sized even when the channel is formed. In this plasma processing system, it is possible to reliably prevent undesirable discharge from occurring at the rear surface of the ground electrode when processing a substrate mounted on the ground electrode to deposit a film using a high frequency power in the VHF band.

1459825741-60d0614a-1a4f-4256-8d6f-29f450689bcb

A method for controlling a PWM power stage is based upon dampening current peaks generated by switching of the PWM power stage. The piezoelectric layer extends between opposite front and back sides and is configured to transmit acoustic waves from the front side. Such resources are often subject to local environmental conditions, particularly ambient temperature which varies on a diurnal and annual basis. The visual representation may, for example, comprise a picture with a number of different elements, each representing a part of the shared data. In one particular embodiment, a systems management partition is created inside the VM to provide a persistent and resilient storage for management information. The target device also directs access to a database of the source device while the source database is replicated.

1459825741-f0e50407-08bd-4a6f-acdd-28006f05c03b

A merchandise display case and system are provided, comprising a frame housing an image projector, a mirror and a rear-display panel on which the merchandise is supported and displayed, to provide a view that is a combination of the merchandise and an image emanating from below or behind the merchandise. The method first receives a line rate, a frame rate, and a horizontal total of an electronic display device to calculate candidate resolutions. The system can generate the crop mask as a GIF image in which a portion of the crop mask corresponding to a selected portion of the image is transparent and a portion of the crop mask corresponding to a cropped portion of the image has a checkerboard pattern. Protrusions extend from an outer surface of the sidewall and coil the sidewall. The wildlife guard includes an electrically nonconductive cover for covering at least a portion of the electrical conductor, the cover being adapted to mount upon the bushing and a conductive panel attached to the cover.

1459825742-3fbc3ee9-9f44-4f9b-836e-eeb03da01d67

A micro-sample pick-up apparatus has a probe for picking up a micro sample, a probe holder for holding the probe, an XYZ driver mechanism for moving the probe holder in the three-dimensional directions of X, Y and Z, and an observation mechanism for observing the sample and the probe. The portable devices are configured to be carried by emergency services personnel while at an emergency site. The first wafer, the second wafer, and the third wafer are bonded together. The reamer may be pulled using any suitable pulling device such as a directional drilling machine. When the mandrel is in the second relative axial position the apertures communicate with each other to permit flow from the interior of the mandrel to the exterior of the housing.

1459825742-9c516922-2a73-4f03-bec3-461a31d61c4f

A semiconductor IC includes grooves formed in a substrate to define a first dummy region and second dummy regions formed at a scribing area, and third dummy regions and a fourth dummy region formed at a product area. Other embodiments are disclosed. Each search engine produces a common mathematical representation of each retrieved document. The improved signal quality may support transmission at a desired or higher data rate, which may not be possible without cell blanking.

1459825742-b0ee69d6-f9ff-4aec-b405-3f2120e4d24a

Disclosed is an ink composition which has good storage stability and, in addition, can yield prints having good waterfastness and lightfastness. The housing has an opening and an inner sidewall. The enhanced rate sheet feeding may be for a dual print engine printing system and/or selectively common or reversed sheet facing.

1459825742-bdaa0242-c687-4ea5-8220-431f6a5d2eb0

The crystallization method by laser light irradiation forms a multiplicity of convexes in the surface of an obtained crystalline semiconductor film, deteriorating film quality. And the job execution apparatus can transfer a refund to the payment medium set to the billing apparatus if a refund needs to be transferred. The first built-up layer is located on the substrate.

1459825743-05b1527a-ffce-4dbf-a586-686983c01223

A crash assessment and safety device activation system includes a target object potentially colliding with a host object in motion, is disclosed. A gas from the outer circumference of the housing is introduced between the stationary and orbiting scrolls, and sent to the center by revolving the orbiting scroll in engagement with the stationary scroll. Top expander 48 is axially moveable downward relative to the upper expander body in response to movement of the one or more pistons, and a bottom expander 120 is axially moveable upward relative to a lower expander body.

1459825743-3615b4a1-f4af-4d5d-992a-e4a01da0a632

An apparatus for cooling cassette magazines containing tissue samples is described. Payload data and header data from the data stream are stored contiguously in separate buffers in host memory. The composite can be used to produce a superconducting element with the bronze route which has an improved critical current density.

1459825743-523c91cc-8b47-4814-a282-27ae5ed7c801

An electromagnetic field simulation apparatus disclosed herein replaces a predetermined region in printed circuit board CAD data to be subjected to electromagnetic field simulation with measurement data measured by a near-field measurement device and generates new printed circuit board CAD data. The lower discharge outlet of the capillary tube is positioned adjacent to and above the lid retractor in a position to deposit the drop of liquid into the cul-de-sac. The mounting plate defines a point nozzle opening and/or a track duct nozzle. The switch has a control input coupled to the snubber bias lead, a first terminal coupled to the positive voltage lead, and a second terminal coupled to the positive supply lead.

1459825743-6dbab4ff-e86f-4c56-9948-ea208ffe5c3c

Methods and apparatus are provided for interoperating a device with network based services. A magnetic core of high magnetic moment obtained by compression sintering the thermally annealed superparamagnetic core shell nanoparticles is also provided. 1\xd710<sup>5</sup> Pa to a maximum temperature in a range of from 210\xb0 C. The converted call is then sent over the voice and data network to another PSTN and finally to the end destination.

1459825744-420db227-434a-44e8-a946-3fa7b28ca4db

A growing rod for mounting between attachment mechanisms that are secured to

anatomical structures of a patient having scoliosis. A user or an application may provide data destined for encryption and a public key. Enough memory locations are allocated to cover all of the AC cycle. The mirror is rotatable about a yoke pivot axis to a desired inclination angle, and the yoke assembly is orbitable around the handle to position the mirror at a selected polar angle. Further, an appropriate guidance for dealing with the detected cultural sensitivity is provided. The surgical clip can be formed by a wire that is partially wound onto itself in a spiral-like fashion, with the center portion and the legs being co-planar in the undeflected state.

1459825744-5a749cea-4e73-4a5c-926c-e73debf21c8f

A non-lethal personal deterrent device and system. Active buffer circuits can be eliminated while still minimizing DAC DNL and insuring circuit monotonicity. Two series-connected secondary windings are also disposed on the flux-conducting element, and are connected to rectification and filtering circuitry which may have full bridge, full wave, or voltage doubler configuration.

1459825744-bb5a5cc0-29cb-4f5b-a5c0-e98f2fe7757d

A tool for installing a retainer ring onto the lower portion of a loosely inserted drain fitting for engaging a mounting flange thereto includes a generally resilient cup structure provided with a plurality of axially aligned and resiliently cantilevered peripherally adjacent strips within which the retaining ring is received in a compressed engagement seated on a helical interior shoulder. According to some embodiments, there is provided a system including a video acquisition module, a video analytics module to extract subject features and a subject presence response module adapted to generate a response to an identification of a specific subject or group of subjects. Each of said first and second transmission channels is a two-way channel comprising a first transmission half-channel in one direction and a second transmission half-channel in another direction. A plurality of screens may be placed in an array for increased one-pass filtration. The pattern units have boundaries that define widths of pattern tops and widths of pattern bottoms.

1459825745-0baab19a-192b-4034-a9a1-78c6402200ee

A optical communications network including at least one optical phase conjugator for compensating for non-linear effects. The method includes applying a dielectric layer over the semiconductor dies and communicating the die location information to a laser assembly. Once one portion of memory is tested, another portion is tested and a prior tested portion is used to write a new error map. Cushioning on top of this rigid structure ensures comfort. The second outlet orifice is a pressure release orifice for releasing the pressurized gas upon unanticipated elevated temperatures, such as during bonfire conditions.

1459825745-5b93e6f7-ed36-4340-85d4-664115ce0528

A method and apparatus to automatically reverse the motor of a dispensing gun or similar tool. The lens further includes a multi-order diffractive surface relief structure with an optical add power. A munition module is removably attached to the flight control module and includes a hollow interior configured to carry a payload material. A sector gear is pivotally coupled to the riser adjacent the forward end and includes a mounting pin offset from the pivotal connection.

1459825745-d1172947-2d16-4a13-9a3e-4c6bde2cf617

A system and method for conducting electronic commerce are disclosed. The LSI package has a gap, which serves as a heat resistor portion between the heat radiating portion for the signal processing LSI and the heat radiating portion for the interface module. The method includes applying predetermined scale factors to the subarray beam data magnitude for each subarray to generate scaled subarray beam data magnitudes.

1459825745-f1e1a110-c569-4c6d-a4f7-1e3a677bdc3e

In an MR element of the present invention, an effect of an extremely-high MR ratio is obtained since a crystal structure of a CoFe magnetic layer in the vicinity of an interface with a spacer layer is formed as a close packed structure, such as an hcp structure and an fcc structure, and a total existing ratio of these crystal structures is 25% or more by an area ratio. The apparatus displays a graphical user interface informing a user of a current status of a copymove operation. The remaining liquid effluent from the hydrotreating stage can then be introduced, in total or in part, into a second stagereactor. Next, individual boot slices of the shared boot volume are correlated with individual server blades, which share the shared boot volume.

1459825746-bc10991c-d44e-4c08-a245-320a9e4d8383

A system and method for adding a bonus round to any poker-style card game on a Nevada-style gaming machine. The method includes detecting a deceleration threshold event indicative of the penetrating weapon impacting and traversing a layer of shelter having certain material or structural characteristics. Portions of the print order are directed to the printers in a pattern that minimizes the number of printers having donor ribbon with a fractional donor patch set available after the printing order has been executed. Still further, the vent body includes a pair of longitudinally-extending sidewalls that project from the outer edges of each of the grillwork walls and that are disposed upright with respect to the upper wall. A preferred embodiment comprises a light beam generator including a housing, elongate members removably secured to the housing and complementing the rail for enabling the housing to be retainably slid along the rail, a latch plate pivotally and removably secured to the rail, and a replaceable ambidextrous tail cap switch.

1459825746-db3c4151-2c16-496e-9400-421d983247af

An apparatus and method to position a wafer onto a wafer holder and to maintain a uniform wafer temperature is disclosed. The cell design dedicates minimal internal volume to inert components of the cell. The optical output sampling portion detects the light intensity in synchronization with oscillation of the phase adjustment signal by the FM signal.

1459825746-e2d8a8b2-af66-47de-94f5-be781d7f8664

A method is disclosed for producing a water-absorbent resin by a reversed-phase suspension polymerization method, wherein an odor originating from a raw material component, in particular, a petroleum hydrocarbon dispersion medium, is further reduced as compared with a water-absorbent resin obtained by a conventional method, and a water-absorbent resin obtained by the method. An associated control system and device manufacturing method is also disclosed. The intensity of backlighting may be varied in accordance with the amount of ambient light illuminating the keypad and above a certain intensity of ambient light the light emitting diode is de-energized to conserve battery power. The shunt FET is employed for preventing an inadvertent turning on of the MOSFET device. At least a part of the central portion is directly adhered by the adhesive to the slip without intervening release coating between the adhesive and the slip or the central portion.

1459825747-4e965d22-bd6d-412f-bc65-361d8a8937cf

A method and apparatus for determining a color and brightness of an LED includes a sensor having a plurality of filters and an output probe connected to the sensor, the output probe providing a color output and a brightness output in a single signal. File system operations of the file system operation streams are workloads produced by the devices of the computing environment. Automatically adapting a virtual equipment model associated with the virtual equipment to reflect the determined user skill level. In another embodiment, the three signals are obtained from a column buffer having only one output.

1459825747-afefe6da-50ed-4b7d-8eb8-b04bd16d53d3

The invention relates to a plug module for being received in an attachment component, which must be contacted at least electrically, particularly a fuel injector for installation in the cylinder head region of an internal combustion engine. One such assembly includes a card carrier having a card integrally formed within. The users are identified by endpoint addresses, and may intercommunicate using various types of media via the communications network. The network manager may be further configured to coordinate the first and second network devices of the first and second wireless networks. The integrated circuit may include output registers coupled to the BIST controller and the comparators output a data log substantially serially upon receiving a SHIFTCLK signal from the BIST controller.

1459825748-1ceff31f-ef82-466e-a053-ea31c2d0532e

A piston for the variable delimitation of a pressure chamber in a housing of a hydraulic cylinder, in particular a clutch master cylinder for motor vehicles, has a main section on which a running surface is provided for a sealing element on the housing side. In an embodiment, communication logic of the AV device may be configured at different times for different ones of a plurality of operation modes including an AV source operation mode for providing AV information to another device and an AV sink operation mode for receiving AV information from another device. It is very adaptable and flexible to use the combination of multiple kinds of information to indicate the orthogonal cover code information in the downlink control information. An end part 5b of the second interconnection pattern 5a is electrically connected to an end part 3d of the first interconnection pattern 3a via through holes 7a. Such information and/or other types of data may be conveyed to a user to help improve performance, aid in selecting golf equipment and/or to insure quality of golfing products. The systems and methods synchronize the pump strokes so that fluid flow from the source is essentially continuous while fluid flow to the destination is pulsatile.

1459825748-748f28e2-b4e4-44cc-9e9b-587dd7ba9006

An A-D converter includes an A-D converter circuit, a D-A converter circuit, a subtraction circuit, a second amplifier circuit, a reference voltage control circuit, a timing control circuit 18, an amplifier control circuit 19, and an output circuit. The current generator for providing the first current has a self-bias circuit which uses a single MOSFET to establish the first current, and thereby avoids error caused by mismatched MOSFETs. The application plug-in receives the communication request and obtains application level information from the received communication request. The total thermal exposure of the diamond particles during manufacture in accordance with the present invention is significantly lower than the total manufacturing-related thermal exposure in previously known diamond-impregnated cutting structures. Further features are described wherein the scan information is combined according to a family of trajectories.

1459825748-e4f8167b-48c0-4025-91ce-d842a2a44734

A TOP level switch for use in a drive circuit in power-electronic systems having a half-bridge circuit formed by two power switches, a first so-called TOP switch and a second so-called BOT switch, which are arranged connected in series. To this end, a metric is dynamically associated with each source and with each destination. Attachment of one or more JAZ1 peptide tags as disclosed herein to a target protein in a non-plant cell expressing Arabidopsis COI1 or a homolog thereof results in degradation of the target protein following addition of a molecule that binds the coronatineJA-Ile binding pocket on COI1. The ridge assembly forms a common mating and fit up location for the upper margins of the slope sheets of two lengthwise adjacent hoppers. A carrier control unit outputs carrier recovered by a carrier recovery unit.

1459825749-49959b8f-d457-4bc4-ac6a-4cff368a8292

A control backplane replaces the traditional shared bus with a dedicated communication channel using a high-speed protocol, such as Ethernet. The relay lens

assembly increases the effective  $f$  of incident light to the V-plate assembly or V-prism assembly that serves as dichroic combiner, used to combine modulated light of each color from each light modulation assembly in order to form the multicolor image. This period of delay is used to modify how notes will be played according to control data inputs for later notes.

1459825749-4eab16fb-c71b-4609-80d8-916c232e1991

Chopper stabilized operational amplifiers are in common use. The DLL driver control circuit includes a DLL driver for driving a DLL clock and a DLL driver controller for generating a control signal to control an operation of the DLL driver in response to a signal having information associated with an active mode. A judgment is made as to whether a button number of the specified Button is invalid.

1459825750-1968d789-84f7-481a-8581-90a63f343365

A bite-signaling device comprises a clamp member securing the device to the rod of the rod and reel combination. A moveable plunger resides in the valve bore and selectively seals against the valve seat. A fan is operationally coupled to the motor. Several techniques are provided to determine the optimum transmit weight vector and receive weight vector for communication between the first and second communication devices so that there is effectively joint or composite beamforming between the communication devices. Next all the occurrences are grouped per functional system, parameter and communications medium in order to configure the interfaces of these computers. A T-wave detection unit T\_DETECT\_MEAN converts power of a frequency component making up a T wave of the electrocardio signal ECG into an approximately DC component, and outputs the converted power as T-wave power V\_T.

1459825750-aa831389-fcc8-4f00-b2b1-53cb63de3e50

An inductor comprises first and second winding portions symmetrically arranged in an insulating layer on a substrate. Each of the six control elements is operatively connected to at least one of the planetary gear trains and selectively engageable to produce a set of different speeds between the input member and the output member. It is possible in accordance with the invention to process natural or synthetic polymers, for example polyester, polyether, wood, etc. The wireless client device location is determined based in part on signal strength information in the probe response frames sent by the one or more wireless access points and which signal strength information indicates the signal strength observed by the one or more wireless access points with respect to the broadcast probe request frame transmitted by the wireless client device. In the OFF position, the magnet 14 of the lever 11 approaches a valve 3 formed with a magnetic member, and the member 3 is shifted upward within the case 4 to shut off the fuel passage.

1459825750-b49d6af4-1e63-4313-a458-98ebc5a9f60d

The radiography of a subject is improved by estimating the scattered radiation it transmits to the detectors. The electrode arrays may be concave and disposed in tissue so that their concave portions are opposed to each other. It uses an estimate of relative motion of an observer to project each frame onto a coordinate system of the three-dimensional scene model. The control section then specifies a detection device corresponding to the extracted element or a moving part corresponding to the detection device, and displays the element or the moving part in the displayed three-dimensional model in a distinguishable manner. The dimmer switch may also be operable to automatically change the dimmer switch between the incandescent operating mode and the screw-in compact fluorescent mode by detecting the occurrence of the multiple firings of the controllably conductive switching device. A floating body back gate opposes the floating body region on a second side of the vertical transistor.

1459825751-03790b19-409e-4c20-973a-39ee4bfadab8

A method for tuning the work function of a metal gate of the PMOS device is disclosed. The first hydraulic pressure urges a clutch disposed between the engine

and an impeller for a vehicle torque converter to an engaged position. The body can be oriented in a first orientation with respect to the fan housing and structural support or in a second orientation with respect to the fan housing and structural support to mount the fan housing at different distances from a mounting surface of the structural support. Air rises through the reactor by natural convection caused by heat from a transformer and/or from the ultraviolet light. The plug portion is configured for electrically connecting with a computer thereby connecting the digital camera with a computer.

1459825751-23ff9d47-c6aa-4d07-a9a7-4a5c6caf92dc

A policy agent of a network performs an out-of-band user authentication process to verify the identity of a user of a client computer and associates the network data received from the client computer with the user. The unique random number can be used to create digital cookies or digital tokens. A method of providing current information relating to preselected preferences to a user at a terminal is also described. If the first output port is abnormal, the first label value of the packet is rewritten with a second label value and the packet is switched to the second output port according to a second relationship between the second label value and the second output port. When an indicia letter on the flame cone is aligned with the marker, the flame cone is properly installed.

1459825752-887540c0-89a0-4e8a-9ac5-803635b7c663

Disclosed is a process for the production of esters. The ink contains water, a self-dispersing pigment, and resin particles. If the link upon which the cell was received was not the expected link in the round-robin order, a wait for arrival of a cell on the expected link for up to the value of a timer for the expected link is made. The orthogonal sub-carriers are received from the transmission medium at a receiver, while the random number information is received from the second medium at the receiver. The outer cup portion also has an outer layer hot embossed and connected with the second elastic layer.

1459825752-accafce6-dc85-4c7d-9957-82cf0e137dee

A tamper-resistant electronic system includes a destructible vinyl substrate having conductive wiring disposed on a first surface of the DV substrate. The bridge receives data written by the processor to the broadcast aperture and forwards it to multiple graphics devices, eliminating the need for the processor to perform duplicative write operations. A first fastener is held in tension and extends through the bearing bodies and the member. The zoom lens system satisfies an inequality condition  $\theta$ . Once such virtual devices and memory are saved, they can also be restored. A motor is connected to the axle for rotating the direction selectors.

1459825752-e7640c2c-6541-4084-acef-8235ae93b692

A throat support device comprising a main throat support section having one or more lifting mechanisms, each with a tip, each tip adapted to fit into a location immediately adjacent to and behind a basihyoid bone, a thyroid cartilage and/or a cricoid cartilage of an animal to control upper airway dysfunction. A communication session may be established with a second network that utilizes a second wireless standard based on data sent to the second network related to the first authentication, authorization and/or accounting management. Each of a plurality of location map databases includes data that represent facilities, such as businesses, stores, offices, or other places, that are physically located away from the public network and access to which requires travel on paths away from the public road network. Multicast proxy service nodes each store a group session key and a private key.

1459825753-e334fbee-f14f-425d-a733-8fc851319959

A method, arrangement and computer program is described for determining a set of standardized rod types for use in a nuclear reactor core. During device

manufacture, each of the stacked die is assigned a unique identifier or \u201cDie ID\u201d relative to the other stacked die in the package. The metadata is used to index and then retrieve encoded video. In embodiments, the non-planar nanowires and nanowire networks can be used for cantilever oscillation, switching and transistor actions. Consequently, intermediate non-lit sub-fields causing the dynamic false contour are distributed to display image suppressing the dynamic false contour. A luminance correlation determining circuit calculates a difference between the Y signals received from the subtractor and trap filter, and outputs the Y signal separated by the subtractor when the difference is larger than a predetermined value, and outputs the Y signal separated by the trap filter when the difference is smaller than the predetermined value.

1459825754-cc9fbaac-6fb9-456a-b131-5a0824364bcd

A system for disabling a vehicle carrying a substance in a storage tank includes a holster defining a cavity for receiving a nozzle in fluidic connection to the storage tank when not in use. The locking assembly has at least one hook for hooking over a frame member of the container. The load control device also includes a controller for adjusting the average magnitude of the load current to a target current. The two shorter sides are folded in a U shape so that a bow-tie-shaped frame results. In the tail-cord duct, a tail cord is suspended from the arm part.

1459825756-b7ba731b-ce72-42de-898a-dab8a8190dcb

Compounds of formula and are disclosed . The autotuning method using an integral of a relay feedback response comprises the first step for integrating a process data; and the second step for removing effects of harmonics after the first step and computing an ultimate gain, a frequency model and a parametric process model. A tilt angle that positions the PCB higher near the front end of the blade may enable media interface modules mounted in a belly-to-belly configuration on the PCB to be fitted within the front end of the blade. At both of the two ends, there is a glass window. The voice message component also informs the first handset that the second handset is not available and that the voice mail storage stores the voice communication. The method includes receiving photons at a detector array, counting the photons that are above a first energy threshold using a first counter, counting the photons that are above a different second energy threshold using a second counter, and calculating a pile-up estimate using the photon counts from the first and second counters.

1459825757-a18e9a9c-bc3a-4075-b4e7-17eaf8b6f418

The present invention provides a high-frequency power amplifying device capable of transmitting output power at high efficiency. The method calculates the coarse index and fetches plural look up table entries. As the material is consumed, the strain gauge may measure the reduction in deformation of the cantilevered support, thereby indicating to a control system and/or a user the quantity of material used. Then, the write circuit writes the data on the first and second pages into second memory cells adjoining the first memory cells in the bit line direction. The recloseable seal extends in a direction other than horizontal, and may extend the entire distance, or only a part of the distance, between the top horizontal seal and the bottom horizontal seal. The method can form a desired wiring structure and can prevent an increase of the percentage of defective devices in an effective wafer area.

1459825757-be6eeca-3ec4-4252-93d3-12dcaedbb121

An image forming apparatus includes a shield case in which a circuit board mounted with an electric circuit is contained. Newly acquired debtor information is used in a debt collection decision procedure which determines the appropriate debt collection strategy to use with a debtor based upon the most recently acquired information. The socket defines at least one hole extending at least partially therethrough. Consequently, the touch screen can have a thin cross section that is more suitable for devices such as mobile phones, PDAs, and other portable computing



devices for which minimal device thickness is a priority.

1459825758-970f1abe-beb8-4401-b141-02fc58af56aa

An apparatus for conveying information and a method of using said apparatus during a medical emergency. An order of vibration of the mass body is determined on the basis of an order of vibration to be damped generated by the drive device in consideration of at least a rotational angle of the mass body about the pendulum fulcrum and a rotational angle of the mass body about the center of gravity. The procedure involves strong oxidative treatment of the biological liquid sample. The reflective layer is located on the first type semiconductor layer. Accordingly, high-frequency signals can be transmitted to the semiconductor optical device.

1459825758-c2e177c0-8e55-474c-966a-76a0e338ee2f

A method and structure for implementing dense wiring, in printed circuit board or chip carrier applications, which provides superior electrical characteristics while preserving the system resistance and characteristic impedance requirements. The device prevents tampering with the coupling. When the OLT receives an ONU replacement instruction from an operation system, the PON-ID assigned to the ONU of the replacement object is assigned to an ONU newly connected during the ONU replacement.

1459825758-c8df91a4-2661-4a0e-9261-33f55937ad9d

A log periodic dipole array antenna including a first antenna element, a second antenna element and a pair of transmission line structures is provided herein. Thereby, a CPU core 2 can simultaneously transfer two data values from the built-in memory to a DSP engine 3. The battery pack may further include i) a protection circuit board mounted on the second surface of the battery cell and placed in the interior space of the lower case, ii) an upper case formed over the top of the lower case and iii) a separator case formed between the protection circuit board and the upper case.

1459825758-e2a09576-e2bc-4880-87f9-b3cc0b4d11b9

An embodiment of the present invention includes an apparatus for remotely testing a plurality of communication channel inputs to an automobile computer. In an embodiment, the first material comprises a different composition than the second material and one of the first layer and the second layer includes silicon. Based on the extracted features, one or more hallways may be identified in the electronic maps by using one or more line segments, which may extend between at least one entryway and one or more structural elements, and/or at least one entryway and one or more other entryways. The intracellular effect of a biomolecule can be tested in cell culture, or tested after introduction of the constructed cells into a host mammal in vivo, and methods for identifying compounds that compete with the biomolecules for sites on the target in competitive binding assays. During welding, at least one overlap tab and the folded wall portion or the second overlap tab are maintained bearing resiliently one against the other in a superposed disposition, welding is perfectly performed by means of a laser beam, in transparency, the structural element of the invention has numerous applications in a very wide variety of industries. If a variable resistor is used to set the DC potential of a VCOM potential, miniaturization of a liquid crystal display is precluded since the size of the variable resistor is large.

1459825759-1ab8a2e3-6eed-4fc8-8e71-e149e18f966b

The invention relates to an electric motorgear mechanism unit including a housing, an iron-free rotor winding rotatably arranged in the interior of the housing, a collector connected to the rotor winding, a rotor shaft extending through the collector, and a gear mechanism which is connected to the rotor shaft and which has an output shaft. The method comprising: providing a substrate; forming a masking image having a sidewall on the substrate; forming a blocking layer on the substrate and on the masking image; and performing a retrograde ion implant through the

blocking layer into the substrate, wherein the blocking layer substantially blocks ions scattered at the sidewall of the masking layer. The conductive material is polished with the polishing pad polishing surface. The transformation time difference between the preceding image and the following image of the display panel is coded as the low luminance cycles. Each rotor train comprises up to six rotors connected with twelve electrical generators.

1459825759-a83c14e1-bb44-4511-bbd3-f1682cff594f

A regulated amount measuring apparatus indicates a difference between two colors, for example, a discrepancy between a color of a printed matter in proof and a target color, to provide an index for a color regulation. The indoor unit has an improved airflow structure, for a rapid air conditioning of the room, a user's convenience, and an efficiency of the air conditioner. Message information is selected from a message using a transformation table generated with a convolution mask. The required SNR for each data stream is then compared against its effective SNR. The plating of magnetostrictive material to the magnetically inert substrate provides a less expensive torque element that exhibits desired levels of accuracy and reliability.

1459825759-b60969f7-79cd-406e-9901-c110b7b1cc14

A band of biocompatible and/or bioabsorbable material is provided including threads on one or both of its ends. To solve these problems, a plurality of cavities having a part or the entire side metallized is formed in a multi-layer dielectric substrate. A dependent variable and at least one independent variable are identified. Light such as ultraviolet light having a first pattern is radiated to the photosensitive material from the back side of the base member and light such as ultraviolet light having a second pattern is radiated to the photosensitive material from the back side of the base member so that the photosensitive material is exposed. The rotatable first carrier rotatably supports the planetary gears. The method further includes decomposing the carbon source in the presence of the catalyst under a sufficient gas pressure for a sufficient time to grow at least one multi-walled carbon nanotube.

1459825760-38b04617-4ab1-486a-8cb4-556c0a0ee06b

A cover for an anchor, particularly a fluke-type boat anchor is constructed of a cover material of a resilient rubber that includes an elongated section and side wings. The brake disc pot has recesses on its periphery. Other embodiments may be described and claimed.

1459825760-5d123264-407b-4ff3-951f-c07090e4375a

A system for dividing a series of products within a display case, such as a freezer. The rapid cooling step includes blowing chilled, compressed air over the package for about two minutes. The first capacitor is connected between a gate and source of the driving transistor.

1459825760-8c15830b-6429-44db-8895-5bb9fc4dc26b

A method, apparatus and program product for allocating resources in a logically partitioned multiprocessor environment. The first test point connector projection is movably attached to the body to allow motion therebetween. In conventional semiconductor wafer processing apparatus, the interior of the apparatus is sealed and pressurized in order to keep a high degree of cleanness in the wafer processing portion, and therefore airflow is generated due to a pressure difference between the interior and the exterior of the apparatus. Studs are provided in each radial aperture, initially recessed beneath the sleeve's outer surface.

1459825760-eb3e99cc-b727-4f6e-9a6e-b3f4d6d8e91d

A hot dog grill for cooking hot dogs or similar food products is disclosed. The bandpass filters are divided into a number of filter groups, each of which contains the same different bandpass filters within the filter group. The inner electrode

comprises a substantially flat material in a folded configuration and formed such that an outer extent of the inner electrode is generally conforming to a contour defined by the interior surface of the cell housing. Further, the granules are of sufficient size and weight to not get stuck in the footing of the animal.

1459825761-0eb31642-9333-4ee1-aece-75bdb3c22f2a

Disclosed herein are methods and compositions for enhancing the immunogenicity of a preselected protein or peptide antigen in a mammal. The managing apparatus successively acquires and monitors the operation status of each distributed power generation system. The selection of software is done on the user's function and may be supplemented by a user selection from a menu, based on a selection utility. In one aspect thereof, one may use a torque reduction rulebase configured to avoid high torque reduction, and inaccuracies in the motion-indication parameter due to high levels of creep, if any, in a wheel of the respective axle. The net holding portion includes a number of apertures and slots therein for receiving a spring loaded pin, a common feature of pool nets.

1459825761-2bb4b685-9d2e-4b1e-bb89-3809f9b1bfa1

This invention provides methods of identifying a connection between a first neuron and a second neuron or plurality of neurons in a neural tissue slice with a fluorescent indicator. An intermediate portion of the exhaust pipe can extend along a side of the engine from a rear portion connected to the rear side of the engine. A first polarizer is applied on a surface of the touch panel. Briefly, all cells in a biological sample are fluorescently labeled, but only the target cells are also magnetically labeled. Connections can electrically connect the posts with the bond pads. The guide lugs 50 of the first row are circumferentially offset from the guide lugs 50 of the second row.

1459825761-42294715-8468-494b-8082-6cbd150db888

A laser treatment apparatus for performing treatment by irradiating a skin of a patient with a laser beam for treatment is disclosed. The first sensor detects a first image corresponding to a working plane in response to at least a part of the light ray from the light source to generate a first sensing signal. A rendering unit accesses the first image and the depth image from the master pipeline and renders a second image based on the first image and the depth image.

1459825761-7b87c5b0-09d2-4a1d-8b16-dc35795969a1

An EMI testing scheme involves analyzing an analog input signal in frequency band segments. The call sensors generate and transmit for storage an interim call data record for each of the determined correlated call records. The present invention allows for the transformation of DMF into a versatile platform for lab-on-a-chip applications.

1459825762-4e0846de-6267-408e-902e-7f69357ef48e

A battery connector is generally assembled in a corner of a case and includes contacts of the battery connector each have a mating portion defining a rib in the center of the mating portion. A sensing optical fiber is wound upon the first mandrel. Negative feedback control sections between the power supply sections and the load supply electrical power from the corresponding power supply sections to the load and execute negative feedback control of a value of a voltage applied to the load for matching the voltage value and the target voltage waveform. Then, guard interval insertion section 105 inserts a guard interval into the IFFT-transformed signal waveform. Two supports are fixedly attached to a transmission casing and bear thrust load tending to tilt the third common output disc from a predetermined normal upright position, thereby to hold the third common output disc in the predetermined normal upright position.

1459825762-5ea883ea-56a6-4734-bd87-235efd005ff1

Methods for separating isotopes or chemical species of an element and causing

enrichment of a desired isotope or chemical species of an element utilizing laser ablation plasmas to modify or fabricate a material containing such isotopes or chemical species are provided. The conductive structure includes two interconnectable members, one securable to each of the corresponding contact pads. The inclined cover portion has a plurality of fastener holes for receiving a fastener. In addition, agricultural plant nutrients comprising the same are provided. The core portion 20 contains an alkali metal at an average concentration of 5 atomic ppm or more.

1459825763-16256586-f861-4ad8-8d03-3509485aa313

The present invention concerns a water-based drilling mud for utilization in the drilling of oil wells comprising an aqueous phase wherein the aqueous phase contains an oil soluble polymer in the form of a gel as a fluid loss reducer. Herein, the magnetization direction of the pinned layer of the magnetoresistive element forms a prescribed angle of  $45^\circ$  relative to the longitudinal direction of the magnetoresistive element or relative to the magnetization direction of the permanent magnet film. The multicolored pattern further comprising a collarette region that comprises at least some of the color elements and a collarette band at least substantially surrounding the pupil region that has generally jagged inner and outer peripheries.

1459825763-e064aae9-f0af-41bf-be85-4e9ba4676111

The present invention discloses a method and apparatus for driving a liquid crystal display device that prevents a deterioration of picture quality. The large nozzles are arranged on one side of an ink-supply opening and the medium and small nozzles are arranged on the other side of the ink-supply opening. placing player tokens at a selected location on surface indicia on the upper surface member; b.

1459825763-e83ed106-7b17-423a-b949-e78f64687769

A reconfigurable interior sidewall system includes one or more simply curved sidewall panels, each curved around the fuselage but longitudinally linear and providing a consistent mating surface for monuments. The electronic package includes a low-loss structure, a semiconductor die, clocking vias, and clock receivers on the die. The high-speed switch also includes a plurality of connectors, where each connector is partitioned into dual interfaces. Connection managers may optionally be interconnected hierarchically.

1459825763-f3a311f7-8d74-4034-aa26-82afe1972aec

The claimed matter provides systems and/or techniques that develop or use predictive models of human forgetting to effectuate automated reminding. Here  $S_{u2032}$  and  $S_{u2033}$  are adjacent colors in the set of colors to be made available for the quantized image, and  $\sqrt{u_{2225}^2 + v_{2225}^2}$  is a norm in a 70%-orthonormal linear color coordinate system, the norm being the square root of the sum of squares of the tristimulus values. Friction is produced with a piston 28,128 which is urged by resetting springs 30,32,130,132 into frictional contact with a friction pad 36,136 which is fixed in the housing. The force member includes a cylindrical portion having a bore and a plate portion, where the cylindrical portion is inserted into a bore in the strain gauge element. The method includes obtaining information regarding operation of the DSL service over a plurality of different time periods, comparing the information for a first of the plurality of time periods with the information for a second of the plurality of time periods, and determining the condition exists based on the comparison. To enable the radio path resources to be used efficiently, when there is no actual data, the base station transmits packets comprising the control data of the transmission but no actual data to the terminals.

1459825764-239c1b32-3a3b-43d1-b01c-eca628c7884a

The present invention relates to assays for the identification of compounds that inhibit assembly of NP, VP35, and VP24, or inhibit the glycosylation of NP,

required for nucleocapsid formation, for use as anti-viral agents. Each MPDU may be configured to reset a convolutional decoder state after each MPDU. In another embodiment the towel stowing means, when initiated by a user, automatically retracts the towel into the second position. The gearbox assembly is adapted to engage a jaw set assembly with the screw pusher operatively engaging a jaw set of the jaw set assembly. The separator includes a passage having a bottom wall, an end wall, and a side wall including a porous wall through which a majority of cold air entering the separator passes.

1459825764-aa6ee32c-6cb4-47ed-98a8-29b38d869efe

An electric motor for a small-scale electrical appliance, such as a toothbrush or shaver. The bonding pad comprises an inner portion arranged in the via-hole and an outer portion arranged above the via-hole. Each transaction data in the transaction database records a plurality of parameters corresponding to a failure category, wherein the parameters are the parameters whose parameter values are retrieved from the at least one machine tool, having the abnormality according to the failure category.

1459825764-e74e2e75-c2bc-46ce-9536-6c4464be2a1e

A plate and fin type heat exchanger has a heat exchanger core made from a plurality of stacked, alternating first and second heat exchange plates of a generally inverted, U-shaped cross-section. Chimeric molecules and antibodies to BAFF-R and methods of use thereof are also provided. The valve element may be rotated to one position in which it provides a straight path for sample to be injected, a second position in which it provides a path that connects a source of purge gas to the chromatographic system and a third position in which it provides a path that connects solvent to the column for preconditioning. On this account, connection failure can be prevented on a low resistance wiring substrate.

1459825764-e80dd6ed-2458-461b-b505-fced4221b6f0

A variable speed data processor includes a clock generator generating a plurality of clocks at different clock rates. These telemarketer-screening operations may use a telemarketer blacklist and an associated whitelist in processing the traditional telephony call. A plurality of previously stored calibration values each corresponding to different temperatures is adjusted based at least in part on the received temperature calibration data. The controlling device adjusts the position of the air guiding flap such that the force impinging on the actuator at any one time is at least essentially zero. The first sheath includes a key member configured to be selectively received in any one of the plurality of keyways.

1459825765-943a899e-f2da-4d50-a069-74dcb0e35e8a

An architecture for creating a single image for a stack of switches. The locking unit of the present invention locks the seat belt when the seat belt is rapidly unwound and prevents the seat belt from being locked when it is retracted. By using 12 detectors the range of neutron energies are covered. The controller is configured to estimate a frequency error of the crystal based on the temperature measurement and to provide a frequency error estimate to an external system.

1459825765-b0cd394c-95ef-441d-a01d-b87640b5bf34

Active devices on a network are identified by simultaneously issuing to a plurality of worker threads a request for information identifying the devices. The method can place a plurality of evaluation points around the design pattern and set an evaluation index for imaging properties of the design pattern on an imaging surface. The invention thereby provides an aid for the detection, diagnosis, monitoring, treatment, or evaluation of neoplastic disease. The feedback resistor also has a first node at a first voltage.

1459825765-d4d39c52-bac7-4729-aed5-2e30434810a2

A steering system for an articulated vehicle has a microprocessor connected to a

proportional solenoid valve which controls the direction, amount and rate of flow of hydraulic fluid to and from hydraulic articulation cylinders, which provide articulation between the frames of the articulated vehicle. Further, the battery storage is formed of the frame and a closing unit engaged via a second fixing means only employing a simple structure. The cold plate members are arranged in a stack, wherein respective plate portions of each cold plate member are in registration with perforate portions formed in its adjacent cold plate members in the stack. The relationship between the magnitude of the motor torque command and the magnitude of the phase error is nonlinear. These operators are a make edge operator, a splice operator, and a swap operator, and are selectively invoked to both add triangles to the triangular mesh and remove triangles from the triangular mesh.

1459825766-c9457ca7-0489-44d0-b131-3ba17db6a558

The invention generally relates to methods for detecting a target nucleic acid and a target protein in a single assay. In one embodiment, a memory device is provided. A connection position at which the radially outward section is connected to the radially inward section is adjusted to a position radially outward of a pitch circle position of the plurality of the balls that are held in the respective pockets.

1459825766-cddd0098-8de8-4d8e-8400-a49f2aaf4220

Hydrogels of polymerized and crosslinked macromers comprising hydrophilic oligomers having biodegradable monomeric or oligomeric extensions, which biodegradable extensions are terminated on free ends with end cap monomers or oligomers capable of polymerization and cross linking are described. The linked articles comprise a first link matrix and a second link matrix comprising a first portion of the article and a second portion of the article, respectively. After the storage device including the encrypted data has been detached from the information processing apparatus and connected to the printing apparatus, the printing apparatus decrypts the encrypted data stored in the storage device and executes a printing process according to the decrypted data. In a marketing aspect of the present invention, decisions regarding whether to sell agricultural products is based upon the expected profitability of the transaction and the producer's profitability goal. A hangar system allows a sub-base plate to be attached to a base using the locator-fastener disclosed herein.

1459825767-2178ffd9-ddcc-4052-9971-e064c9d58efe

A radiator element for an air heating device, and a corresponding heating device and manufacturing method are provided which reveal improved assembly properties. A request for information is received from a request-generating element coupled to a browser associated with a client through the network. The driving device includes a driver. Trusted nodes can send and receive all types. A value for each limit B1, B2, B3 and B4 is associated with each cell of the cube. Received signals are detected by preprocessing the signals detected at each antenna with signals detected by the antenna at the immediately previous frame, and then applied to a maximum likelihood detector circuit, followed by an inverse mapping circuit.

1459825767-851ad13a-aab9-43c4-ab77-68ec4e4b41b4

Automatically translating a building architecture file format to a simulation file, in one aspect, may extract data and metadata used by a target simulation tool from a building architecture file. The first communications protocol may comprise data over cable service interface specification or any protocol that provides a GTOD. A bubble detector is connected to the flow channel.

1459825767-928d9625-0c7c-4879-badd-c5c30c14d111

A system and method for third-party discovery of proximity-based services are provided. The motor control unit sends out a single motor driving command S. The first and second switch groups are connected to output terminals via output switches. A mask layer is located on the base. The lighting device may include at

least one additional light source for illuminating the front side of the aperture, and the front side of the aperture is covered at least in regions with at least one phosphor which is sensitive to light emitted by the at least one additional light source. with the channel length L1 being estimated as the boundary of occurrence of a short channel effect at the time of a write operation and the channel length L2 the time of a read operation, with the channel length L1 being different from the channel length L2.

1459825767-c3fd2a9f-8f29-4196-9c07-739441cee439

A transmitting system wherein a transmission signal composed of main data and a TMCC signal having a SYNC pattern indicating the header portion and a bit pattern indicating setting information of the main data is transmitted and received. In an anode 3, a dielectric material 4 is applied on the surface of a discharging portion 3a in order to inhibit the deterioration of the electrode. The locking arrangement comprises locking tips connected to a wall, which locking tips are located inside a cavity in an adjoining wall in the erected state of the package and arranged to lock the wall first mentioned by bearing upon an upper panel portion of the adjoining wall from the inside.

1459825768-0e7ede33-8acc-4f66-a46a-cdebacbaaa5f

Described herein are centering systems, including cartridge reels, reel drivers, and methods of using them. A natural gas containing a contaminant and a contaminant removing agent are combined and processed within a rotary screw compressor. The arrangement of the disclosed embodiment of the present invention includes a voltage regulator such, for example, as a pulse width modulation circuit for the alternator. The bottom face of this compressible block is comprised of a fabric material for sliding engagement on a hard floor surface. The plasticizer composition provides a polyvinyl chloride resin having excellent properties of heat loss, migration resistance and plasticization efficiency, and tensile strength, elongation, etc. Thereby, the metallurgical operations for forming the interconnection structures are completely independent of the operations required for processing silicon, so that there is no interference whatsoever between the two sets of operations.

1459825768-3e6d21dd-5fe5-4661-a37d-3fd20aa1e0f6

A system and method are described for verifying a user. The invention is a system which displays indications of sound intensity on a display large enough to be viewed by performers distant from the display. A passage extends through the transverse support member between the opposite sides. The handset generates a funds request message which includes the value and sends the funds request message to a funds issuer computer. The kit incorporates the exfoliating tool in combination with a skin exfoliating composition that is formulated with abrasive particles in a carrier vehicle.

1459825768-9fd69a76-bfc9-4622-934b-743a16aa0345

A system and method for increasing hydrocarbon production from a subsurface reservoir and/or sequestering waste material such as carbon dioxide by utilizing a connection between two well bores and a flexible linear cutting device, such as a segmented diamond wire saw, to form a fissure beginning at the connection of the well bores and extending along a specified length of the well bores. Each of the test images is grouped with one of the reference images. The first section forms the end of the male component. The trackable instruction is then decoded and a track instruction cache and a track variable cache are then updated with associated decoded trackable instruction and the one or more trackable variables, respectively. The method is repeated for a plurality of transactions.

1459825769-3b5bd4f4-b894-4ab8-a561-799afcd40535

A system and method for application server with self-tuned threading model. The expanding means are connected to both sides of the seat, and the protecting means

is coupled at its opposite ends to armrests, upper portions of frame elements or the expanding means. Corresponding electrophotographic apparatuses and imaging methods are also described.

1459825770-3aa5df21-3e5f-4a0c-a7b5-171c2a6ffaea

The present invention provides novel pyrazole derivatives of formula I which are potent inhibitors of spleen tyrosine kinase, and are useful in the treatment and prevention of diseases mediated by said enzyme, such as asthma, COPD, rheumatoid arthritis, and cancer. The biomedical return electrode comprises an electrode conductor for receiving electrical energy from tissue via a return path, and a thermochromic liquid crystal layer coupled to the conductor. Each cavity is fabricated to resonate at a different central wavelength, outputting a different frequency of light, each of which can be independently modulated. In one configuration, ribs protrude from the barrel sidewall and define channels with the same wall thickness as the sidewall segments disposed between the ribs. If the leakage exceeds the predetermined blockage threshold level, a blocked condition of the SODS is also declared. For a particular net, the method specifies widths for routing the particular net in different directions on the same layer.

1459825770-3ab8fc28-ab08-404d-ad4e-ac6a614ff698

Methods, software and devices for searching and indexing information are disclosed. The processor determines a temperature operatively associated with the battery and different voltage values corresponding to different combinations of the loads as a function of the determined temperature, and starts the flash device at a predetermined flash current value. An excess developer caused by an increase in bulk through carrier replenishment is discharged from a developer discharge port. A connector can include an optical transmitter for converting electrical signals into optical signals.

1459825771-0f751b88-0479-47f1-b196-230aee9be306

To protect tissue in the treatment of an eye with a focused pulsed laser beam generated by a laser system, e. A storage device stores historical data representing the AVs of the TPP at various times over a prior time period having a length of at least TPLAAV. The present invention also provides processes for preparing these compounds, methods of treating diseases and the pharmaceutical compositions comprising these compounds. Related methods of operation are also discussed. A method for mixing liquid reducing agent and compressed air to form a mixture and a motor vehicle having the device, are also provided.

1459825771-3c13393c-887a-4af3-bced-19051774460d

The present invention provides a resealable closure system that may be incorporated into a container for storing and dispensing moisture sensitive product, such as a dry wiping substrate and more preferably a dry wipe useful for facial cleansing or the application of make-up. The ridges include at least one end ridge and at least one internal ridge which are spaced apart by a predetermined distance, and formed with a desired geometry such as U-shaped, V-shaped, or various other shapes and with different sealing faces such as curved or flat. Heat is transferred from the hot gas to the airflow to generate a cool gas and hot airflow, and moisture condenses within the cool gas.

1459825771-6f48354f-91af-4021-a689-3e32e689e2ee

A steam valve 1 includes: a valve seat 9 being accommodated in a steam flow path of a casing 2 provided with a steam inlet pipe 14 and a steam outlet pipe 15; and a valve body 22, 27 capable of contacting the valve seat 9, the valve body 22, 27 being accommodated in the steam flow path of the casing 2. A lightness adjustment is employed for converting input image to  $K_0$  and initial values of  $C_0$ ,  $M_0$ ,  $Y_0$  are set equal to  $K_0$  and then converted to  $C_1$ ,  $M_1$ ,  $Y_1$ ,  $K_1$  by GCR strategy. The method may further include generating a transform model based on an analysis of the first frame and a second frame that occurs earlier in the video sequence and applying the



transform model to the first camera model to generate a second camera model for the second frame.

1459825771-8d51352d-80cb-4cb4-8c55-5e7779242f4c

A door lock which is conceived in particular for use in motor vehicle doors has a rotary latch and a closing aid which acts on the latter and, with the aid of a drive, carries along the door to be closed in to the closed position. Other magnetic reproducing elements and magnetic heads employing magnetic reproducing elements are described as well. An apparatus for playing the game includes a server and the electronic play station in operative communication with the server.

1459825771-a24df7b9-fe86-47bb-9ec3-ebaf823227a0

A power supplying apparatus having a power saving function and a method of supplying power with a power saving function. The meter housing has a seed delivery opening for delivering a supply of seed into a seed pool area, an air inlet provided above the seed pool area for receiving a supply of positive pressure air into the meter housing, and a seed exit area where seed can be dropped into a seed tube. Each holographic image or diffraction effect in a viewing direction is generated in whole or part by the holographic or diffraction effect generating structure associated with a respective set of interleaved lines. The signaling processor thereby selects the corresponding system on the connection. The link member includes first and second side portions and a connecting portion connecting the first and second side portions and forming a depressed portion in which the rotary shaft is received when the link member is in a predetermined leaning posture. Thus, the nozzle can rotate about the axial pillars for adjusting the outlet direction thereof.

1459825772-c7bbdaac-57f1-439b-849e-acb6707e3fe8

A method for driving a lamp comprises the steps of: generating a lamp current having a constant magnitude; defining a commutation period having a duration TCOMM; defining a time base of original commutation moments, having fixed mutual intervals of  $\theta$ . A voltage detector detects the states of first and second voltages and generates first and second detection signals. The invention further relates to hybrid cotton seeds and plants produced by crossing the cultivar Acala ULTIMA EF with itself or with another cotton cultivar. Also provided is a method for manufacturing an explosive composition comprised of Heavy ANFO and grain hulls, such as rice hulls. The prevention of movement of the openable member is released by moving the image reading member toward the first position from the second position in which the preventing means prevents the movement of the openable member. A first guide edge is disposed angularly from the first resilient arm, such that when the punch tool is secured in the clip between the first and second resilient arms and the sheet media is placed along the first guide edge, the punch tool is positioned to punch a design into the sheet media.

1459825772-e40564d5-a3e1-4e0f-af99-45381c1a9e52

An apparatus and method for transmitting signals in a wireless communication system are provided. An adaptive media distribution system includes at least one original source of a media channel, a plurality of content playback devices, and one or more stream controllers disposed between the original sources and the playback devices. A click post and clicking rib provide a single click in each direction of rotation. Thus, when one little pig's nose 210 is selected out of the twenty little pig's noses 210 displayed in the stick house stage, the payout amount of the benefit associated with the little pig's nose 210 is increased. Context administration can include setting up and maintaining subject data definitions, intervening in context manager operations, providing security functions to protect sensitive context information against tampering by unauthorized users, etc. The odd-numbered gear range group includes the direct-coupling gear range.

1459825772-e5981642-d656-4915-8e29-79d509ff765a

It is an object of the invention to provide a droplet ejection apparatus and a method of detecting an ejection failure in droplet ejection heads capable of detecting an ejection failure in the droplet ejection heads by counting the number of reference pulses generated for a predetermined time period after a droplet ejection operation. The symbols of a predefined symbol sequence are mapped according to a predefined mapping scheme on subcarriers of the OFDM systems by a mapping unit, wherein the symbols of the predefined symbol sequence represent subcarriers of the OFDM system with nonzero amplitudes. The fuel injector may also include a rich catalyst module circumferentially disposed about the pilot assembly. Upon identifying updated versions, the application downloads the updated versions and loads or reloads them into the runtime environment prior to initiating the main functionality of the application. The flexible covering member and the rigid covering member are bonded with an adhesive strength equal to or higher than atmospheric pressure and with a peel strength equal to or lower than a breaking strength of the flexible covering member. A radial dimension of the intermediate part is less than a radial distance between the exterior cylindrical surface of the first skirt part and the interior radial end of the abutment surface.

1459825772-fe1a68d9-58b8-4aaf-873b-a4057e82ba32

A multi-player game includes both individual and bonus game aspects. An end frame includes a post positioned to engage and support the bearing support assembly. One embodiment is a directional switch sensitive to the orientation of the switch and the motion of the switch due to outside forces. 3 ppm by volume of water is passed through a first packed bed to selectively remove at least a portion of the oxygen. The control section controls independently each of the plurality of loop forming rollers based on the detected result of the skew detection sensor. The access priority judging circuit takes a command fetch access in preference to an operand data access in the next bus access when data stored in the access register is a command fetch access, and the pre-fetch request signal, the operand data request signal, and the burst transfer signal are all transmitted.

1459825773-07176ab6-2613-4317-925d-ca0175baa673

A polymerization process is disclosed, including: providing a reactor component suspended in a hydrocarbon gel; introducing the reactor component to a polymerization reactor; and polymerizing an olefin in the polymerization reactor to form an olefin-based polymer. Hot oil is passed through a jacket surrounding the treatment chamber. The one or more hybrid instruments can be configured to receive image data from the telescope assembly and perform a fine guidance operation and a wavefront sensing operation, simultaneously, on the image data received from the telescope assembly. The pot for tea-leaf storage is connected to the tea making room of the tea making mechanism through the tea-leaf transmitting mechanism.

1459825773-078e4b3e-14ce-40f4-b44e-17d4121aad8e

The present invention provides a speech recognition method for achieving a high recognition rate even under an environment where plural types of noise exist. The system contains an electrochemical cell and at least one portion of the surface forms a functional component of the cell. Metallic nanoparticles are produced with size range of 1\to13100 nm. An opaque pattern is on the PES barrier for projecting an image of the pattern with light from the flame and a translucent wrap at the outer surface of the shell receives the projected image of the pattern. The method comprises controllably generating an actual value for at least one first process parameter by taking into account at least one previous value of the respective first process parameter, wherein each first process parameter is a process parameter of said at least two sets of process parameters.

1459825773-67943c09-21ec-4be6-952f-502b8c7ce551

Pulses from a mode-locked Yb-doped laser are spectrally broadened, and temporally compressed, then frequency-doubled and used to pump an optical parametric oscillator. A coating containing lithium fluoride and lithium hydroxide is provided

on the surface of an anode active material layer. An indicator is presented together with the audiovisual content to the user. As data is added to the database log, it is written specifying asynchronous mirroring to the primary log file. The synthesis balance is adjusted by the exposure time or the respective illumination intensities of the two light sources. A FID is obtained with the parent handle.

1459825773-8cbb82c-c01c-4f24-bb22-7ba78b150fce

A fluidization level sensor and controller for use in a fluidized patient support surface has a controller coupled to a sensor and a compressor. A circle is ground into the material using a cylindrical drill bit, which grinds a loose abrasive between the bit cylinder and the material. Two pressurized hollow members that are surrounded by a cover are arranged on both sides of a plane that extends through the tension-compression element such that the linear tensions generated in the cover preload the tension straps on the plane of the tension-compression element, secure the tension-compression bars against bending, and stabilize the joints.

1459825774-0cb98a46-dc8e-4a8b-8615-4149e89e4367

A captured image of an object is input twice using a white background and a black background, after which the opacity D and the color image X of the object are obtained to yield an object image. The signal processor may be arranged to generate a second signal at a frequency slightly different from that of the excitation signal, and to mix the second signal with the signal received from the sense coil to generate a third signal having a frequency component equal to the difference between the frequency of the excitation signal and that of the second signal. The input shaft may support chuck jaws. A fuel discharge valve is provided in said fuel discharge passage. The catheter tube comprises a feature that engages a corresponding feature on the biostimulation device whereby the stylet can be rotated relative to the catheter tube for disengagement of the stylet threaded end from the biostimulation device threaded end.

1459825774-0f856c30-dcb3-4502-a6b0-51c444304555

The bicycle carrier rack includes a main frame, a swaying frame and an adjustment device. At an initial reading of the optical disc, the main controller determines whether an address information detector succeeds in reading the address information. The system utilizes unique review and performance metrics, increases quality control, and enhances physical and data security mechanisms. % polylactic acid, wherein the modified olefin based polymer exhibits a seal initiation temperature that is at least 5°C.

1459825774-35788933-a082-4ef1-90d7-97f738031390

A method is provided for fabricating an ultra short gate length thin film transistor. If the connection is the first time connection, the wireless terminal obtains information of wireless terminal software on the wireless terminal. , fatigue levels by measuring a subject's body core temperature. In one application, the device function as a telescope but with negligible length.

1459825774-4ba7545b-8088-4886-a4ef-62f3cb692df0

Horizontal duct scrubbing systems for removing particulate matter from a gas are disclosed. The service system selects a service that a user can use from those and displays the selected service. The liquid-quantity determining unit repeats a pulse-counting operation for counting the predetermined number of pulses with different starting time points, and decides that a measurement is incorrect when differences between the time periods are greater than a predetermined allowable limit. Before the first station receives a signal from the second station it makes initial adjustments to its receiver circuitry depending on the stored information about previous signals received from that station. The display panel includes promotional indicia thereon.

1459825774-a4d2c3d2-7193-4ff8-8af9-99d2445db1bc

A method is provided for determining analyte concentrations, for example glucose concentrations, that utilizes a dynamic determination of the appropriate time for making a glucose measurement, for example when a current versus time curve substantially conforms to a Cottrell decay, or when the current is established in a plateau region. Ridges on the corrugated substrate can be created using high precision techniques that are not ordinarily suitable for device production. The manifold block is provided with a pressure gauge, an inport, and an outport. The solvent is evaporated to form organic semiconductor films at the locations on the surface of the substrate that correspond to the multiple contact faces.

1459825775-825f1279-0ed7-4739-9ffa-b618356b03d5

A high speed manufacturing system for processing articles of manufacture requiring processes to be performed on the articles at a pre-selected processing rate includes a trunk for simultaneously conveying a plurality of the articles of manufacture at the pre-selected processing rate in a first mode of motion from the beginning of the manufacturing system to the end of the system. Layers may be used individually or as a hybrid. A hole is drilled through the shingles and into the structural member. The frequencies of the two signals are measured and then the ratio of the two periods which is the reciprocal of the two frequencies is calculated. If a response to the GAS request frame is not received from the AP within the first time period, then the PED extends the dwell time to wait for the response for a second time period, wherein a duration of the second time period is determined based on a total allowable time to scan for APs. A photo-electric pulse conversion circuit is provided with a photodiode, an I-V conversion circuit, a first differential amplification circuit having a DC offset cancellation circuit, a second differential amplification circuit, a reference voltage generation circuit, and a comparison circuit.

1459825775-908894c6-284e-41ce-a521-50c5f3be46d0

The present invention relates to a process for preparing tetramethylglycolide by heating a composition which comprises at least 50% by weight of 2-hydroxy-isobutyric acid and/or tetramethylglycolide to a temperature of at least 100°C. The present invention relates to a method for preparing a highly homogeneous, amorphous silica-alumina cogel catalyst. When an incoming call is received by the call center and no service representative is currently available to service the call, the caller is prompted to elect to either wait on-line for a next available service representative or to disconnect the call and receive a call back at a later time. Error from torsion forces is minimized by having the dimple center of curvature coincide with a horizontal plane including the slider gap and having the dimple longitudinal axis extend through the slider center of mass, so that both sway and torsion force sources of track misregistration are addressed. The present invention also allows for the collection and modeling of accurate localized sea current data, which may assist with marine and coastal engineering works such as shoreline protection and port dredging.

1459825775-de9cc781-8e9b-4eb0-87ca-245dda198bf3

A cosmetic or dermatological film-forming composition comprising a liquid fatty phase, including at least one volatile hydrocarbon oil, and a film-forming polymer in said liquid fatty phase, characterized in that it comprises at least one polyolefin wax resulting from the polymerization of alpha-olefins having at least 10 carbon atoms, said wax having a melting point ranging from 50 to 80°C. The load zone is created by: creating a load zone marker on the disk, the load zone marker indicating a position of a load zone of the disk; reading the load zone marker for determining a position of the load zone on the disk; and storing the position of the load zone. The hexahydrotriazine and/or hemiaminal material may be made from a diamine and an aldehyde. The bottom section has a base surface adapted to at least partially rest on a top surface of the bumper. The marker character is stored in an input field that is accessed by a user to select a particular link reference phrase

and the reference phrase text is not defined as a user input field, so that the user cannot accidentally change the reference phrase. The cardiovascular imaging and functional analysis system of the present invention can be used as a dedicated nuclear cardiology small field of view imaging camera.

1459825775-eb208144-83bc-461f-b3e7-050d4cf89f10

The present invention provides a mechanical press with a low height. One or more databases, managed by a server, maintain metadata associated with DVDs. At this time, a pattern that is observable with the ion beam defect repairing apparatus is selected as a position alignment pattern. The method includes assigning a positive or negative value to each of a plurality of positive and negative zero crossings of the first signal. During a second portion of that transmission, e. An adjustable arch adapted to expand and contract to be molded to the palate is provided connecting the posterior pads together within the mouth and out of the way of the tongue to maintain the position of the occlusal posterior pads within the mouth during use and to prevent loss of the pads such as by swallowing.

1459825776-26de3827-b506-4cc7-ac15-e9346c7e7588

Systems and methods for converting a baseband OFDM signal to an IF signal while minimizing lengthening of the impulse response duration experienced by the OFDM signal. The formulation contains an inert non-reactive compound that lowers the heat of vaporization of the formulation, and the active compound. The piezoelectric actuator is stacked on and bonded to a surface formed with the pressure chambers of the cavity unit.

1459825776-9fc51d92-a43a-414c-a13d-6c9f496ac080

A security device includes a locking member, a ratchet mechanism, and a plurality of cables. It meets increasing consumer demand for more public services like watersewerelectricity generating electrical power using the resources that are already at hand, and must dispose of on a daily basis. A compressed fluid or gas, such as air, could be used to clean the surface of the laser-cut workpiece to remove slag formation which adheres to the surface of the cut workpiece.

1459825776-f2db95fc-5a2c-4940-9ef0-571d7369825c

A medical device lead includes a proximal connector configured to couple the lead to a pulse generator, an insulative lead body extending distally from the proximal connector, and a conductor assembly extending distally from the proximal connector within the lead body. A tow handle is pivotal vertically on a tow hitch on a front-end wall. The x-ray device is characterized in that the syringe cap is arranged in the beam path so that its longitudinal axis coincides with the main axis of the beam path. Movement of the distal end of the clamping member, which remains located outside the vessel, against the expanded region creates a seal at the target site. The ability to cannulate a retinal blood vessel should be efficacious in the treatment of vein and artery occlusion, ocular tumors and other retinal, vascular and optic nerve disorders that would benefit from diagnosis and/or treatment.

1459825777-97ad9300-a86c-4eee-91d4-7131aa1382f3

A method and system for fusing image data includes an electronic circuit for synchronizing image frames. An inversion layer channel is formed in a top interface of a microcrystalline active layer, and being separated from an incubation layer in a bottom interface of the microcrystalline active layer. A decoding method and apparatus is disclosed for decoding multi-view video content from a resultant bitstream and multi-view coding information for the multi-view content from at least one high level syntax element. The impact driver further includes an LED light unit disposed in the extending portion forward of the rotation stop mechanism so as to illuminate objects in front of the hammer case.

1459825777-9d131ef8-f221-4e80-b5c5-6b611a3875d3

This invention is a device and method for adjustably and reversibly reducing

nutrient absorption from food passing through a person's gastrointestinal tract using an Adjustable Gastrointestinal Bifurcation and a flow-control member. The multispectral coefficients of the linear spectral display is nonlinearly distorted in a coding system adapted to the human color distinction capacity, wherein the distortion is made dependent on all or individual dominant amplitudes of the multispectral coefficients and the distortion is again canceled in a decoding system. The second chip includes a second substrate having a recess, and a second film made of elastomer. The front and rear portions of the outer panty substantially comprise an elastically extensible material. A transmitter and a receiver are coupled to the microprocessor.

1459825778-7afb0eb6-76a2-4985-8f46-db4851961dcb

A method for forming an aqueous carbon black dispersion including providing a reaction mixture including carbon black having a DBP uptake of greater than 90 cc/100 g of the carbon black, a monovalent ion persulfate, an aqueous medium, and, in some embodiments, a strong acid; subjecting the reaction mixture to a first temperature of from 40°C. The system includes a base portion, an intermediate member and an upper member. The feedback provided to the originator is input by a screener using a portable screening room. Then, it is determined if a focusing error is within a range of an allowable error. The set of estimation circuits computes an estimate for the location of the leading zero or the leading one in the result from the K and S computed by each half-adder circuit.

1459825778-95709eed-94b9-4dc9-943b-13cda7b87fa6

An on-premises restaurant paging system and method for paging a customer in the restaurant. The fifth lens is formed in a shape so that a surface thereof on the object side and a surface thereof on the image plane side have negative curvature radii. The third region of the structure is disposed between the first and second regions. The time constants of the RC circuits control a signal slew rate at the third output node of the output circuit, and the value of R may be selected to provide a predetermined, controlled slew rate range at the third output node.

1459825778-c7963033-90ee-4893-ba1a-80c3b4531d0f

A thermoplastic molding composition, comprising the following amounts of components A, B, C, and D: a) from 3 to 91. The dryer filter and the detergent dispenser are substantially symmetrically disposed with respect to the control panel interposed therebetween. A user selected domain obtaining portion 203 obtains a domain, which has been selected by the user, from the portable terminal 101, and the task candidate determining portion 211 determines task candidates to be presented to the user from among tasks stored in the task model DB 102 based on the domain selected by the user.

1459825779-551e2c51-6991-4318-ab21-4d0dd25304e5

Methods and systems for handing off a wireless client between access points wherein the scanning for access points is decoupled from the handing off, thus reducing the delay in handing off. Said compounds are useful for the treatment of medical conditions mediated by inhibition of D4 receptor. Sintering is performed at a temperature providing good porosity of the upper sintered layer and an over-sintered condition of the lower sintered layer. The wick and the shroud can be coupled to a shaft that simulates a wax candle body.

1459825779-8d1c6f2b-8dbc-4e2b-9284-11663b560766

A payment request associated with a transfer of funds is received and a risk management assessment for both sides thereof is performed. The firing pin locking mechanism may include a stopping member which may be selectively moved by a user of the pistol between first and second positions, and a movable blocking member that may be engaged with a forwardly-movable firing pin. The reversing drive can include a gear train having a first gear operably engaged with the firing member and, in addition, a second gear operably engaged with the first gear, wherein the second

gear can be selectively operable with the trigger such that an actuation of the trigger can retract the firing member and/or cutting element via the first and second gears.

1459825779-d8ed716f-ff94-48c6-961b-1b077968904a

A universal aerial hanger for supporting an aerial telecommunications device used with telecommunication lines. The player makes a wager for each of two or more hands that the player wishes to play. The first and second pickup fields are parallel to each other and displaced from each other by  $\frac{d}{n}$  in the longitudinal direction thereof, where  $d$  denotes a longitudinal dimension of each pixel image in the first and second pick up fields and  $n$  denotes an integer equal to or larger than 0. The selected program segments may be recorded on a video recorder. A proper separation of sensitive circuits from the photodiode array on the sensor chip, coupled with precision registration of the sensor chips on the substrate, allows easy installation of the protective metal shield. The vent leads to the atmosphere.

1459825779-eee90a35-74fc-4ce3-b828-5913d29f6b04

Compositions containing a solution of a polyfunctional aziridine component in a non-reactive solvent, and methods of applying such compositions to proteinaceous substrates, such as fingernails and toenails, to provide primed substrates which may be further coated. A lower anchoring portion includes one or more anchors disposed in communication with a wellhead, or with the sea floor or below the sea floor mud line, or with a well casing portion. A control assembly can be extended through the small hole and one of the adjusting holes to change a pivotal interval between the lifting arm and the auxiliary wheel axle, and thereby adjust an inclination angle of the auxiliary wheel at each lateral side of the rear wheel. A primary correction section determines a first corrected PEB temperature for conforming the photoresist dimension of a post-lithography to the objective dimension, using the relation data stored in the first storage section. The light emitting device package has improved light emission efficiency since the light emitting device is placed on a small thickness portion of the metal base.

1459825780-4624513d-e8bc-4185-8911-4756ddf0cd3d

The present invention is directed to a disposable absorbent article. The base defines a plurality of assembly holes, and each assembly hole includes a blocking surface and a through hole. The invention reduces the power consumption of the electrode structures by use of a new type of in-cell type charge recycling. In this way, a total power of the set of  $M$  output optical signals may be significantly larger than that of the seed optical signal, thereby ensuring that a majority of a power efficiency of the optical source is associated with power efficiencies of the set of  $K$  optical amplifiers instead of power efficiencies of the set of  $N$  light sources. The invention provides a method of vapor phase catalytic oxidation of a substance to be oxidized with a gas containing molecular oxygen by means of a multitubular reactor, wherein the method comprises: performing a reaction of vapor phase catalytic oxidation under such conditions that a heat transfer coefficient of the heat medium is 1,000 W or higher. Fluorescent radiation is detected due to its coupling with the waveguide or its emission through the waveguide.

1459825780-884230f4-a911-4dbc-8dbd-312a5271af05

A wire bonding machine is provided. The finger units include a Scott Russell mechanism, a first parallel link mechanism, and a second parallel link mechanism. A memory for storing video data for the multiple display devices utilizes multiple channels for higher bandwidth. For example, in one game a Game Master selects any of the rods except the rod having unit length and places it upon a game playing surface. A stack of circuits is designed in the chip to fit in the pad based on the first dimension  $x$  and the second dimension  $y$ .

1459825780-ccdaef18-359d-4edd-b0e0-b0d650df9f76

The present technology provides an air pre-treatment and monitoring device that

includes an inlet port configured to receive an air flow and an outlet port configured to expel the air flow. The spatial prediction apparatus of image data includes: a spatial prediction unit performing a spatial prediction of pixel values of a current block using pixel values of blocks adjacent to an upper row of the current block. Each of said variants is identified by a respective pattern. In various embodiments, the threat level attribute is used as an environment attribute provided as input to an XACML-based access control system.

1459825780-eded2881-e86d-4269-9476-12f43a105e35

A video communication system comprising at least one video data transmission unit for sending or receiving video data over a data network is disclosed, as well as a corresponding video data transmission method. An electrode is provided juxtaposed a region of the inner surface of the lighting tube, the electrode energisable from an external source of energy via an electric lead supporting the electrode, and positioned adjacent the main ionisation region within the lighting enclosure. A node B of the asynchronous communication releases a connection to the mobile communication system and assigns a new mobile IP to the mobile communication terminal, thus providing continuous packet data service to the mobile communication terminal. A processor of the present invention generates a primary or secondary reference signal which is a combination, respectively, of only the primary or secondary signal portions. As a result, a lift amount of the valve can be restricted, and a flow rate of fuel passing through a passage can be maintained at a constant level. The first hook component engages with the first hooking portion and fixes a side of the display panel on the side of the first curved portion as the bezel combines with the cover.

1459825780-f4a7d71f-12fd-4ff8-80b0-11baf633ad0e

A fracturing fluid for a downhole environment is disclosed, comprising a water-sensitive gel; and a hydrated breaker. An air intake system includes a turbocharger compressor connected to intake valves of all the cylinders for supplying charge air to the cylinders. Preferably, the frangible applicator tip comprises a support element permanently connected to the fluid source, a relatively rigid tongue element extending outwardly of the support element, and a frangible region therebetween. The leading face of each of the fan-shaped vanes and the trailing face of an adjacent one of the fan-shaped vanes converge toward a center portion of the rotary shaft so as to define a respective one of the fan-shaped grooves, and cooperatively define an angle therebetween. The magnets may be removable to reverse the treatment.

1459825781-06c08a10-1476-4c1c-a3e2-c185e7dc094c

A surgical tool holder includes a flange comprising a body defining a first surface and a second surface, a first end and second end. One embodiment includes a method that determines that data is stored in multiple locations remote to a computer, estimates a latency to retrieve the data from the multiple locations, and requests the data from the plural locations. Further included are methods for identifying therapeutic compounds for preventing lentiviral infection and treating associated disease. The present system and method finds its uses in a wide array of applications such as, for example, occupancy detection in a transportation management system and in medical imaging and diagnosis for healthcare management.

1459825781-320a4640-0797-4a31-bfc4-8cd26159cd57

An embodiment of the present invention is a retirement administration and distribution system. In one embodiment, the polymer is combined with an optional crosslinker and an optional carrier to form a coating composition suitable for use in coating articles such as packaging articles. The light intensity is converted to a numerical value and transmitted electronically to a logic circuit, which determines the proper disposition of the sample. It further includes: a sidewall; a first flexion plate attached to a release tab extending outwards from the sidewall, where the release tab provides for quick attachment or release from a camera lens;



a second flexion plate attached to at least two locking teeth extending inwards from the sidewall.

1459825781-5b59fd4f-a4af-4be1-a7ba-0632fde445c1

A dual depth slider air bearing surface that enables the slider to achieve a ramp fly height profile near the textured landing zone of a disk. The bus has a plurality of fixed ports, where each of the ports is capable of connecting a router card to the system controller. An outer mandrel is attached to the lower connector. In one embodiment, a flow diagram is constructed for assigning nets to traces; and, maximum flow algorithms are used. The drive mechanism and the magnetic device are also designed such that the torque is retransmitted by the drive mechanism to the first pivot connection, such that the retransmitted torque cancels the moment of force caused by gravity exerted on the articulated mechanical arm, relative to the first pivot connection. The threads of braiding are composed of a shape memory polymer composite such that braiding deforms from a temporary shape to a permanent shape in consequence of an external stimulus, whereby the temporary shape is given in a first profile form of the braiding and the permanent shape is given in a second profile form of the braiding.

1459825781-6e92641e-2020-433b-9fb8-82dab91ff2a5

A ground engaging tip of a tooth assembly for a base edge of a ground engaging implement, is provided, wherein the tooth assembly includes an adapter configured for attachment to a base edge of the ground engaging implement and having a forwardly extending adapter nose. The method also comprises interpolating between a pair of adjacent video frames of the first stream of video frames to produce a first number of interpolated intermediate video frames in a particular sequence of the intermediate video frames. The rotational axis Y1 of the wheels is located in front of the center of gravity of the micro-drone. The UE terminal also includes a second power control module for controlling a second transmission power to be applied to signals used for D2D services. The context may include tooltechnique, hardware, condition, industry, current and/or past employer, and business rationale.

1459825782-56b71eaa-d2e4-4014-826b-3eb26a213bfa

Presented in one embodiment is a waist chain comprising a plurality of links; a plurality of coupling members which connect the plurality of links, thereby forming a chain with two ends; and at least one end connection member which is connectable to both ends of the chain such that the chain becomes continuous. Also provided is a computer readable storage device encoded with data for adapting a manufacturing facility to create the apparatus. Thereafter, it is determined whether the generated random numbers are predictable by comparing the output of all said exponential operations to their predetermined acceptance range. The generator and correlator transmit and receive the piggyback packet without substantially modifying the media access control layer subsystem. A second slot in the wall extends from an end of the first slot at an angle acute to the first slot.

1459825782-84efe678-4120-40e3-8b69-ce3cba9e1267

A mobile electric device includes a first body, a first touching element and a first sensing element. Methods for producing a maize plant that comprise crossing maize variety PH252P with another maize plant. An inserter instrument is removably positioned adjacent to one of the anchor extenders and is operable to position a connecting element engaged thereto to a location adjacent the number of bone anchors in a minimally invasive surgical procedure. This helps alleviate the burden on the CPU and thereby accordingly reduce the lowering of overall system performance. The decoding of individual packets from two separate MPEG transport streams supports the use of multiple tuner host terminals for such functions as picture-in-picture program viewing and the viewing of one program while recording a second program.

1459825783-2dfef693-3723-4e8c-a885-2520a6ee9d4c

Precursors for use in depositing tellurium-containing films on substrates such as wafers or other microelectronic device substrates, as well as associated processes of making and using such precursors, and source packages of such precursors. When the lift portion is pulled, the door stile is released from the latch base and the door is pushed away from the doorjamb by a tab portion of the handle, both actions occurring substantially simultaneously. The mask shift amount control circuit outputs a mask shift control signal in accordance with a mask shift amount.

1459825783-411380ca-7814-4337-90ef-ad5d506a1174

A transaction product for a retail display includes a transaction sticker and a transaction card. The method at an encoder comprises enhancement process of image boundary information, adaptive brightness transformation process, and adaptive enhancement process of chrominance information. An endrun stop halts the head tube while the sensor organs ascertain whether a frontally-situated head of the head tube is open or closed. As another example, location information may be used in an attribute arbitration. A plasmonic layer, including a plurality of discrete plasmonic particles, is interposed between the first and second set of electrodes and in contact with the dielectric layer.

1459825783-940a8060-cc64-4512-bc67-014a3a04f6a0

A distributed, web-services based storage system. The configuration cancels the effects of the inlet flow entering orthogonal to the axis of the nozzle and diffuser. ; a second copolymer of ethylene and at least a -olefin having a copolymer melting point of from 115 to 128 C. Shift operation of the shift mechanism is switched to the stronger operation force when the ratio of rotating speeds of input and output shafts is close to the rotating speed of the gear being selected. FETs are formed in one photodiode electrode, e.

1459825783-a646b8c0-3141-4e22-9be5-2001a50f9adf

A transition part between two optical waveguides with different index contrast is characterised in that the transition part includes a non-adiabatically up-tapered longitudinal section, and in that the transition between the two waveguides is arranged after the up-tapered longitudinal section as seen along the main direction of propagation of the light. The plurality of interdigitized conductive fingers includes a first set of fingers that are connected to an anode terminal, and a second set of fingers that are connected to a cathode terminal. As can be seen foregoing, the present invention relates to a novel use of GRS and CDH and provides a method of screening an agent for preventing or treating cancer.

1459825783-e1f6f71c-5c29-4143-957b-aa798a1b640b

A connection element able to be located between a part or neck of a rolling roll and a relative housing bushing as present in a chock for rolling stands, including a first external element and a second internal element, mating and coupled, wherein the second internal element has internally a seating at least partly truncated cone shaped for coupling with the neck of the rolling roll. A display element of the present invention has a photonic crystal, a light source unit, and a control unit. The flexible bag is operatively connected with a flexible tube to an applicator which is fed by gravity from the bag. The exemplary device uses a free running clock that generates a reference frequency from which a desired locked clock frequency is synthesized under control of a processing unit that compares the locked clock frequency to the time stamps. The current compensation circuit, responsive to a difference between the voltage levels of the input and output signals, varies an amount of the biasing current. A mode selector receives a signal external to the chip to determine whether the communication is to be with one of the other connected integrated circuit chips or in single chip mode, such as with the test interface circuits.

1459825783-e9fb3531-d0c1-4aa3-819a-8d128b29cda9

A system for the support and management of search for documents is presents. The

compressor includes a cylinder bore for compressing a refrigerant, a piston inserted into the cylinder bore, a swash plate having a controllable slope with respect to a drive shaft, and a control valve for controlling the slope of the swash plate. A controller is linked to the gantry and gimbal unit motors, the gripper unit actuator, and actuators associated with a series of work stations for carrying out processing operations such as lapping and grinding. Fluid passages at the outlets release fluid under pressure within the lower chamber around associated ionizing electrodes mounted at the outlets. The tiltswivel adjusting device permits the monitor to tilt forwardbackward, or swivel leftright when an external force is applied. The pneumatic tire includes a plurality of tire protrusions and/or a plurality of tire recesses of a tire side portion that constitutes a vehicle outer side, and the wheel includes a plurality of wheel recesses in a surface that constitutes the vehicle outer side.

1459825784-2fd75391-0e6f-46df-a68a-3e11ae31e771

A position sensor is disclosed having a transducer formed by a Hall-effect device and permanent magnet secured within a housing on either side of a low permeability gap. The integrated functions in the controller can be used to establish an AC motor's baseline electrical power and energy profile and to monitor continuously the power and energy reduction performance of the controller without requiring a separate meter and logger. A first contact is formed to penetrate through the first insulating interlayer to connect with the transistor. For each image element of the plurality of image elements, the method includes rendering at least one effect with respect to the shaded image element to generate a modified image element. Further, the transmission of the actual digital content is validated to a remote third party system, based on the determination.

1459825784-b1a58ada-fdbf-44dd-83f1-bb35e5c0f525

Cookware containers providing a support to rest a utensil during cooking. The electromagnetic clutch assembly includes a primary or pilot friction clutch pack and a secondary or main friction clutch pack. 3% by weight, and the weight ratio of the tungsten content to the rhenium content is at least 1. The external resources may be supported by different provisioning systems. Preferably, the top bone contacting surface has a more accentuated convex shape compared to the bottom surface so that the spacer is better able to sit in the naturally formed concavity present in the bottom surface of a spinous process.

1459825784-d44a0571-e206-4e08-a3e0-94435618e558

A device is provided for supplying gas into water, especially for aquaculture, including a water inlet arrangement with a pipe having a first plurality of openings and a Venturi type gas dissolver unit built in the pipe, and a surrounding second element having a second plurality of openings and/or a fixed or adjustable shield. At least one damping body, which is preferably viscoelastic and acts on the valve element, is provided for obtaining a large dynamic range of the device in order to control flow in a fine, precise, and oscillation-free manner across a broad range of flow volume. Participating spectators employ wireless interactive devices that present a promotional message and include user input and output interfaces. The invention further includes an irrigation system. A method of producing seaweed paste which requires a short treatment time, has good productivity and can reduce production costs, and seaweed paste obtained by such a method are provided.

1459825784-d7d083ed-fbee-43b0-97f2-9706888adecc

A ventilation system for an underground structure which can internally supply fresh outdoor air by individually sucking and discharging air through fans of underground shafts in the underground structure such as an underground parking lot, underground warehouse, subway space, underground sporting place and underground hangar. The digital television receiver includes an antenna having directivity according to a control signal for switching patterns of the antenna. Through this, it is possible

to reduce cost and ensure a small size.

1459825785-27e7b029-b456-4804-85f0-911a38d2e871

A tunable band pass filter is provided. A group of pixels is identified that correspond to an image of a face within the digital image. The chamber has a gas admission aperture for receiving an oxygen containing gas into the chamber. The example method still further includes receiving, at the online service provider, a selection from the user and, in the event the selection correctly corresponds with the request, allowing the user access to the one or more features.

1459825785-3885cf2a-a71b-49ac-abff-7bdf07d653ef

Techniques for parallel processing of events within multiple event contexts include dynamically binding an event context to an execution context in response to receiving an event by storing arriving events into a global event queue and storing events from the global event queue in per-execution context event queues are described. In particular, a reflector function is added in order to reflect data communications towards a pre-existing transceiver. A hydraulic actuator is provided in the housing for controlling the capacity changing device. The push dogs move the carrier into and across the transfer track.

1459825785-4a9c18be-fed6-4273-ac9e-abdeb0410420

An embodiment of the system and method for optimizing pattern query searches on a graph database uses a pattern query optimizer to optimize execution of the search plan for any sequence of SQL expressions by separating or breaking a pattern query into multiple subpattern queries before converting the subpattern queries into SQL expressions. Each gate of the set is disposed between a corresponding source and a corresponding drain. The shutter may be located before or after the movable lens group and before or after a fixed lens group that may also be included. The handle tab is designed to stay above the surface of the mat or rug when the pin-shaped element is holding the mat or rug in place. The adhesive exhibits a lower than expected adhesion to coated papers without sacrificing the adhesion to standard uncoated papers and preferably, the 90° peel adhesion, as measured on Kromkote paper is in the range of 20 to 250 grams/inch.

1459825785-d5d3b3bc-8668-478c-b113-9bd36cf79ca9

Methods, systems, and apparatus, including computer programs encoded on computer storage media, for name detection. According to the arithmetic performance of a solver for executing the design, a problem scale corresponding to one path accommodation designing operation is set. The adaptive YC separator includes a plurality of filters, each to separate chrominance data in a video signal, and a blending circuit to use fuzzy logic to blend the chrominance data.

1459825785-f94faa02-30f5-4b97-8465-2d65cd8f6043

The present invention provides an apparatus and method for use in processing semiconductor workpieces. Dynamic configuration and reconfiguration of a quick page message is provided. Also a method of controlling fuel recirculation in a gas turbine engine. A current density is determined for each of the polyhedral elements based on the calculated electric potentials. The control unit is further developed such that, when the desired clutch torque is determined, at least one defined high-speed range is taken into account and in that a speed-range-related clutch torque assigned to the high-speed range is defined as a maximally permissible limit torque. Logic signals produced in a first electronic module of the printer are transmitted to a second electronics module of the printer.

1459825786-6f9de921-3901-466f-abb2-f9fa356f39d9

An integrated circuit having an integrated circuit die and at least one height-sensing pad disposed on a top surface of the integrated circuit die and electrically isolated from the die circuitry. A QA user may request tokens, card types and other data associated with a payment device for quality assurance

purposes. Accordingly, even when a system reset occurs while the non-volatile readwrite memory is in write mode, a hang state can be avoided since the memory will be reset to read mode before attempting to read boot code for a reboot operation. The viscosity of said coating solution for the polarizable electrode layer is set to between 0. In various aspects, the methods, devices and systems may allow for a rapid procedure that requires a minimal amount of material and/or results in high purity nucleic acid isolated from complex fluids such as blood or environmental samples.

1459825786-71e78e7a-d15d-407f-9f9d-08a343346c4a

A vapor hydrated packaged catheter assembly and method of manufacturing and distributing same includes a gas impermeable package housing a catheter within a catheter-receiving cavity. A method of making a partial metal nanoshell preferably includes asymmetrically confining a substrate particle and selectively layering a metallic material over the substrate particle according to the asymmetry. A group of variables associated with the mobile node is monitored, the group containing at least one variable of which at least one is derived from said parameters. The potential difference between the first voltage and the first reference node is smaller than the potential difference between the first reference node and the second reference node. A method of manufacturing the vertical-gate transfer transistor, an APS including the vertical-gate transfer transistor, a method of manufacturing the APS, and an image sensor including a plurality of the APSs are also provided. A cable which can freely bend is integrally provided in a base portion of the hook.

1459825786-b23426e9-6913-4298-a98d-e623d4c334ad

A distinct cultivar of *Argyranthemum frutescens* plant named 'Argymonwi' characterized by its compact ball shaped plant habit, good field performance, white single flowers, dark green coloured leaves, freely flowering with numerous inflorescences per plant. At least one LED lighting element 40 is provided for emitting light. The compressed data packet is then sent to the common address.

1459825787-18eda958-4f3c-4505-8b4d-7da9fe165bf3

Techniques and systems whereby operation of and/or access to particular features of an electronic device may be controlled after the device has left the control of the manufacturer are provided. The light-reflective anisotropic conductive adhesive contains a thermosetting resin composite, conductive particles, and a light-reflective acicular insulating particles. The invention also relates to articles made from the composition, methods of making the composition.

1459825787-5151bb84-bbc4-447e-881c-33699d6736a8

A nonvolatile memory device having two or more resistors and methods of forming and using the same. The first step uses an initial boot using a fixed boot program and an authenticated and verified secondary environment to complete starting of only authenticated code. In one embodiment, the second cleaning roller deforms against the first cleaning roller such that the cross-sectional length of contact between the first and second cleaning rollers is in the range of 20% to 38% of the circumference of the first cleaning roller. The lip covers the electrical component when the cover plate is in the closed position to prevent accessing and removing the electrical component. Exemplary applications include image compression, where categories include image foreground and background layers. Electrical pathways extending away from adjacent pairs of the through vias can be tested for electrical impedance and other signal propagating characteristics by way of the signal sensing device.

1459825787-580766e0-ca7b-408d-9864-4c97c4091343

Embodiments of nozzle disable systems and methods are disclosed. A gas-reducing composition comprising soluble extractable material from a lignocellulosic source. The at least one finger member, by engaging a complementary sealing portion of a

complementary fastener strip, provides an additional degree of sealing, particularly when the fastener strips are in a partially engaged condition. The intermediate member has an opening between a top surface and a bottom surface, where the intermediate member fits within the opening of the outer member.

1459825787-c2e03eeb-d05e-4cbf-8d2f-f39ea4b18b3d

The invention provides a method and system for remotely inventorying electronic modules installed in a vehicle. In a particular embodiment, a method provides, for a wireless access node having a random access channel, determining a demand for contention based preambles of the random access channel and a demand for contention free preambles of the random access channel. The inwardly facing, cylindrical surface on the chuck body defines a circumferential groove for receiving the radially outwardly extending flange on the collet to thereby restrain the collet against axial movement relative to the chuck body. As a result, the speed of searches conducted in the management table is increased. To unplug a fluorescent tube, the slide rod is pushed over the higher end of the sliding track so that the base frame and the fluorescent tube are unlocked. The shaft is inserted through an aperture in the fan and the fan cap threadingly connected to it.

1459825787-d7f0e6de-86bd-40d5-af67-4043d2360f09

The present invention provides a method and a device for mapping a virtual user input interface to a physical user input interface. A first 3D image data record is provided to describe a subarea of the object. Each of the wedge-shaped vanes has a slot extending from the trailing edge toward the leading edge.

1459825788-077f906c-bd29-4c91-b569-ef5a909a530c

There is disclosed a guidance assisting apparatus for aiding in the guidance of an agricultural vehicle over arable land. The reception unit forwards the received data blocks to a check unit for checking the data integrity and promptly sends a transmission confirmation message to the transmission unit before or during the checking process, so that a second data block can be transmitted from the transmission unit into an intermediate memory of the reception unit during the checking process of the first data block. The described system may include a processor in communication with an actuator for providing the haptic effect. The first and second keel wing are configured with a first and second bottom portion, and the first and second bottom portions having a first and second cup for receiving a portion of the screw and the first and second bottom portions being adapted to lock the screws from backing out. The device has a built in, or auxiliary microphone, and audio outputs which are disabled in secure state of the device. The method also includes forming a mask from the first mask layer and the second mask layer.

1459825788-bed561c3-d55c-4044-bc36-8510eaeabf06

Disclosed herein is a portable panel having numerous favorable characteristics. The main feature of the invention is that the brush comprises moreover, associated with said tubular body, a plurality of channels for conveying a fluid therethrough, said channels having a plurality of nozzles, for spraying a fluid on the brush bristles, from the inside toward the outside of the brush. A digital circuit, which periodically interrogates the detected signals within a pixel and calculates an average therefrom, is placed after the detector unit. When flow is allowed to pass through the valve prosthesis device from the inlet to the outlet, the valve assembly is kept in an open position, whereas a reverse flow is prevented as the collapsible slack portions of the valve assembly collapse inwardly providing blockage to the reverse flow.

1459825788-c52b33bf-3164-4f91-ba97-ec02566072f2

A valve for a printing apparatus that uses liquid ink includes a valve seat, a valve stop and a valve member interposed between the valve seat and the valve stop. The system includes an inlet that draws water from a water supply line. The first

and second dielectric regions in the first and second trenches are then etched in a substantially isotropic manner to expose the first and second sidewalls.

1459825788-d0b1d453-3870-4006-996c-573ead776eb5

In an example embodiment a plug-light assembly includes an outlet assembly and a light assembly releasably engageable with the outlet assembly. The micrograined patterns are preferably in the form of projections that define between them a network of interconnected channels. In another embodiment, ketene used to form fuels and chemicals may be manufactured from acetic acid which in turn can be synthesized from synthesis gas which is produced from coal, biomass, natural gas, etc.

1459825788-d3125ad1-1e4d-4525-adcf-68fe0e9f2f09

Provided is an organic electroluminescence display device. The method and system may include a bulk configuration file having instructions for configuring the media units. By using this ferrite material, an inductor and transformer having small loss even in a state of being molded with resin can be obtained. The compositions can be used to treat various diseases, such as wound healing, inflammation and angiogenesis-related diseases. The media drives can also be organized as a plurality of sets of drives, and a power profile for each set of drives is used to manage and reduce peak power requirements.

1459825789-4cf1d222-d8b7-471d-837a-06b71d2e1bf4

A cardiac monitoring system and, more particularly, a wireless electrocardiograph system. The mechanical key includes a key body. By utilizing polysemous symbols, a relatively large number of sequences can be developed and associated with stored messages in the computer device.

1459825789-7fc691f5-b814-458a-a3b8-4135c2723a22

A method for automated provision of build images is disclosed. Pen input information is received on an electronic paper display that updates at a predetermined display update rate. In order to achieve the above-mentioned object, the composite powder of the present invention comprises flaky substrate powder and barium sulfate particles or zinc oxide particles that adhere to the surface, in protrusions, of the substrate powder. A hollow space is formed between the inner shell and outer shell.

1459825789-e11a8e97-0313-47dd-9324-f52051e50acf

Systems and methods for transmitting and receiving image data captured by an imager array including a plurality of focal planes are described. In a preferred embodiment, a series of processing steps enables one to detect, identify, and localize minute amounts of particular elements, e. Evaporate extra water content from slurry by a Thin Film Evaporator to form dope. The digital level shifter and the scaled driver device may be implemented on the same integrated circuit and fabricated using the same process as core circuitry so that the IC may directly interface external devices operating at elevated voltage levels without damaging the core circuitry or the scaled driver device.

1459825790-083949e8-8c42-4be7-bb86-f937a9573169

A radio frequency connector that protrudes through a printed circuit board is comprised of threaded leads. The module feeder system comprises a module feeder which has an unload bed, a feeder bed, a first side wall and a second side wall. An arrangement order of the clock domain circuit aggregations is determined to satisfy the timing constraint. The time period is based at least in part on the luminance difference between two adjacent color segments in the color wheel. The rebate may be provided at the Point of Sale.

1459825790-42e76433-cca4-4b24-b7c4-b2ead0f0bd05

The present invention relates to heteroaryl-substituted carboxamides of the formula

I, in which Het, A, X, R1, R2 and R3 have the meanings indicated in the claims, which modulate the transcription of endothelial nitric oxide synthase and are valuable pharmacologically active compounds. In a preferred embodiment, the bridge comprises sections separated by connecting members, with each of the connecting members being sufficiently flexible to accommodate for the needed spacing constraints on each section. The middle tier is a set of federated Java beans, which communicate with each other, with the management facades, and with the upper tier of the system. The rotatable disk includes receiving holes, and the second rotatable shaft engages with the rotatable disk and is configured for driving the rotatable disk to rotate to align the receiving holes with the respective ring-shaped receiving rooms to receive the parts ejected from the ring-shaped receiving rooms.

1459825790-aed06845-0942-4207-8784-d2e5e971253c

Certain aspects of the present disclosure relate to techniques for achieving adaptive channel state information feedback rate in multi-user communication systems. 60, and a low refractive index layer with a refractive index of not more than 1. A contact assembly is spaced from the anode within the reactor bowl. The heat exchanger is disposed at a position outside the housing and higher than the highest oil level.

1459825790-c75bd13c-099c-43e3-be91-e289244859ed

A coating system includes a conveyor system, a coating distribution assembly, and a coating adherence system. To establish an IP data session, it may be determined, prior to authenticating the device, whether the device is authorized to communicate via IPv4, IPv6, or both. The device responding to the packet with a handshake, and the handshake includes one of an ACK, a NACK, and an ALERT.

1459825791-0ed87424-34ad-4ccc-95b0-322f75cd8934

A system for detecting creation of a program instance includes an interceptor routine that obtains a parameter corresponding to a characteristic of a program instance and an interceptor module that can be injected into a native operating system process. However caches present difficulties since for testing purposes they are conventionally regarded as separate RAM and CAM arrays. A Fresnel lens is disposed proximate to the substrate for directing the output light toward a second lens. The blade also includes a first leg segment extending in a first plane across an aperture of the blade head, and a second leg segment extending across the aperture of the blade head in a second plane at an angle to the first leg segment.

1459825791-453b1a1a-7c84-4373-a3a3-560ca6c45fe0

Apparatuses and methods for indicating and performing interference measurements. The device is composed of at most two different components, the device having a diameter on the heddle side and/or on the harness cord side which decreases towards the end. The cap includes a surface with multiple sockets protruding from the surface in a direction opposite to the choke pipe whereby the sockets engage the exhaust pipes. In some embodiments, the LED is a III-nitride device with a p-contact containing silver, the dielectric stack layer adjacent to the mesa wall has a low refractive index compared to GaN, and the low refractive index layers are Al<sub>2</sub>O<sub>3</sub>.

1459825791-5baa9bc4-ee21-4f9e-a6ba-0c867c80d31c

A dry refractory composition having superior resistance to crack propagation. The microworkpiece orientation unit connects with the microworkpiece supplying unit and the microworkpiece separation unit. 0.1 THz and equal to or less than 100 THz by means of the Cherenkov phase matching.

1459825791-84fcf69c-c5e5-4bfe-911f-a002b33bf210

A buffer apparatus of a nailing gun, which controls the air flow in and out a chamber of a main body of the nailing gun, reduces the vibration of the nailing gun



when nailing. The material includes a first mat that is woven using metal strips forming a warp and a weft of the first mat. Moreover, this approach allows the correlation of cellular activities or properties. Ions having a mass to charge ratio below the cutoff of the mass filter 3 are identified as daughter ions, and candidate parent ions may then be discovered and their identity confirmed by obtaining corresponding daughter ion spectra. When the central server tracks a second quantity, the central server provides the active players with an opportunity to win a second award. The sleeve is provided with corresponding channels which extend proximally from a point adjacent the throughbore to form a complete bore for free sliding receipt of the suture within the suture screw.

1459825791-b58b29aa-c411-4283-8f41-617114f5989f

A system and method for at least one of skin tanning and phototherapy are provided. The apparatus and method effectively prevents the impact caused by regular change of the FHR to the baseline solution, and accurately reflects the FHR baseline and changes thereof of a fetus under different conditions. The volume dataset is picked up by a first imaging medical device and represents an image of at least a part of the subject on whose surface several marks disposed and images of the marks. A switchable current path that extends vertically between the anode region and the cathode region has a conducting state and a non-conducting state. The blank has a good transmittance to laser light, undergoes little deterioration when irradiated with laser light, and is particularly suitable for ArF excimer laser-related applications. The first and second magnetic layers include different Mn composition rates from each other, a magnetization direction of the first magnetic layer is changeable by a current flowing between the first magnetic layer and the second magnetic layer via the first nonmagnetic layer.

1459825792-2e3fd476-e64e-47c1-b58c-a60ea57cd652

Embodiments of the present invention apply wavelets to radio frequency signals to extract specific characteristics so that their timing, phase, and frequency components can be characterized. An exemplary method may comprise the steps of receiving search terms, determining from ontological calculations suggested search results related to the concept of the search terms and displaying the suggested search results. Dynamic adjustability of the support post is provided by internal compression springs. The voltage regulator determines whether a light-load condition exists. It also concerns certain copolymers particularly suitable for this application, particularly in high pressurehigh temperature conditions. The fluorosilicone products are suitable for application to substrates such as textiles, particularly fabrics, to impart oil repellent properties to the textile.

1459825792-370db2d5-f909-4eb2-90ca-330e72b4b71d

A musical instrument cable clip is provided which secures the musical instrument cable loop to the musical instrument. The power supply processing unit generates a composite PLC signal comprising a PLC signal and a DC power signal modulated with a zero cross signal. The present invention targets the optimization of congestion early in technology independent synthesis prior to physical design.

1459825792-4e3407fd-f8f5-4eb4-99e3-cd06a2ed159d

An electrical device in which an interface layer is disposed between and in contact with a metal and a Si-based semiconductor, the interface layer being of a thickness effective to depin of the Fermi level of the semiconductor while still permitting current to flow between the metal and the semiconductor. A master control module is coupled to the handling system and configured execution a wetting profile. De-registration of a buffer occurs only upon an explicit de-registration or free command or upon the receipt of a request to modify the properties of the buffer, or in some cases, following the use of garbage collection techniques. The stand-alone device is incorporated into or with product packaging, and may be configured with a resupply code at or after a point of sale. In this fashion, the plasma contains a plurality of radicals and dissociated inert-source gas atoms, defining a cleaning

mixture. The guidewire of the present invention is formed, at least in part, of a composite elongate core formed, at least in part, of precipitation hardened material.

1459825792-7890bcc2-ca96-4fd0-879f-cb79bac671ee

A mail server site and a method in a mail server site provide mobile e-mail services to mobile stations connected to a digital radio communication network. Moreover, the present invention forms walls for liquid chambers and liquid channels with polyimide. A pad covers the pad region, extends into the through electrode region, and delimits an opening in the through electrode region. If the status bit indicates that the computer system device configuration remains the same, the processor eliminates the scan for devices interfaced with the computer system. Moreover, by selecting an evaluation item having highest satisfaction based on a result of a series of test inspection, an optimal test condition can be automatically selected. An electronic control module may be utilized to dynamically vary the speed of the compressors to achieve maximum energy efficiency.

1459825792-d1e0dd44-dfde-4502-b588-7677cff1e787

The order in which panels 13 are to be quilted, the amount of quilting-induced shrinkage, and the amount of crop between adjacent panels 13 are stored in a machine readable file 13 for use in operating a print line 10. The video processor may generate composited video data by combining video data from a video source, and one or both of video data from additional video sources and graphics data from graphics source. The dynamization window insert is oval shaped and includes first and second protrusions that extend from respective surfaces of the dynamization window insert. A back connection bracket affixed to the back is slidably and removably received by a back bracket receiver affixed to the arm, whereby the back is detachably connected to the arm.

1459825792-db38c127-2040-4a68-a5f1-7e59cd3bfd16

Hemi-spherical structure and method for fabricating the same. A single electron sensitive electrometer is utilized to detect the charge movement. The clip includes a press portion, and a pair of palms on opposite sides of the press portion. The heat dissipation element has several carrying portions separated from each other and arranged in radial-shape, and several fins perpendicular to the carrying portions. The air box delivery system includes a passage that is substantially perpendicular to a longitudinal axis of the frame and in fluid flow communication with the air box, the passage directing the flow of air upwardly into the air box. The rectangular opening may be configured to receive display layers such as the light guide plate.

1459825793-62a9ff0e-1bc4-47f1-a948-64495cb82f90

Process for the industrial synthesis of the compound of formula :Application to the synthesis of bivalent salts of ranelic acid and more especially strontium ranelate and its hydrates. In some cases, the structure of the base clamp may be rotatable relative to the structure of the mounting clamp when the electrical connectors are engaged. A conductive pattern of the substrate includes: a first conductor electrically connected with the first terminal; and second conductors electrically connected with the second terminals, respectively. An interworking function is provided to allow mobility between the macro CS network and the PS network.

1459825793-a84a73e6-4cee-4acb-9b61-ff1659382e44

A broadcast receiving apparatus and a method for providing a multilateral video communication which makes it possible to communicate with a plurality of remotely opposite parties using a digital TV having a camera therein and which is capable of supporting the Internet. The method includes initializing a database in communication with a network device. The light-emitting diodes are arranged in a pattern corresponding to a luminous intensity distribution pattern determined according to the luminous intensity distribution characteristics. If a set of

characteristics of the contact list, such as number of records generated or cost, are approved by the user, the contact list is transmitted to a user-specified node on the computer network. The streamed real time data is analyzed according to the user criteria. The frame comprises at least two side portions comprising a plurality of longitudinally spaced sidewall posts and at least one transverse member connecting the two side frames for mounting various panels and accessories.

1459825793-b1034661-707f-4dec-8c6e-0f2e49c935d9

Disclosure of methods and compositions related to chemical conjugations to nanoparticles of polysaccharides cross-linked to poloxamers as well as nano-sized colloids comprised of polysaccharides and poloxamers. A block request database is checked to predict what block is likely to be requested next based upon prior block request data. An ink removal member removes leftover or excess ink from the ink removal member.

1459825793-f21c2434-24d6-412e-bf6d-6569a656c23f

Composite material with high resistance to temperature changes and a high density, and having an SiO<sub>2</sub>-containing matrix with quartz glass grains embedded therein is produced by preparing a suspension from a particle mixture of finely divided SiO<sub>2</sub> powder having at least two different particle fractions and of the quartz glass grains, forming a green compact and sintering the compact. The bond pad is deposited on a surface of the head that is perpendicular to the air bearing surface. The first and second barrier layers are composed of gallium arsenide, and the quantum well layer is composed of indium gallium arsenide nitride. Next, a first conductive layer is disposed on the surface of the dielectric layer, the bottom and sidewall of the capacitor opening, and the dual damascene opening. Mating formations on the operating lever and the actuating members allow the operating lever to be engaged selectively for rotation with one or the other of the actuating members in dependence upon the direction in which the operating lever is pivoted relative to the axle about the pivot pin.

1459825793-f909d043-44cd-468e-8b8a-62a2cc7905d0

A single hardware IO control block is used to efficiently abort a target IO command for a target IO device, e. The pressure side and suction side extend between the leading edge and trailing edge. Such a system offers a dynamic library with a significant number of titles from which a user may select and offers play back a desired title fairly instantly.

1459825793-fdbd4eef-7cb6-4b3d-95e2-83b1c13fc3ab

A semiconductor device having a thyristor-based memory device exhibits improved stability under adverse operating conditions related to temperature, noise, electrical disturbances and light. A first optical element is formed from a first material on the front face proximate the semiconductor light emitting device but not covering the semiconductor light emitting device and a second optical element is formed from a second material, different from the first material, over the semiconductor light emitting device and the first optical element. The energy absorber is secured to a body projecting from the riser towards the harness cables.

1459825794-2ed73192-39e6-4484-97ba-0645682b8f03

This actuated ski suspension provides a method of raising and lowering a vehicle to which it is attached by raising and lowering the ski assembly in a vertical plane. The methods involve injecting meat with a first set of ingredients, coating the meat with a second set of ingredients, spraying meat with a third set of ingredients, freezing the surface of the meat, freezing the meat throughout, and submerging the meat in a fourth set of ingredients. A dose of the composition provides a mean change in amantadine plasma concentration as a function of time that is less than 40% of the change in amantadine plasma concentration provided by a dose of the same quantity of an immediate release form of amantadine. Hybrid maize seed, plant or plant part produced by crossing the variety PHV6K or a trait

conversion of PHV6K with another maize variety.

1459825794-5786f1ba-8d43-449f-b9bf-1ec59fd0cd66

A marking device, designed to mark teeth, to position orthodontic brackets at an optimum level. Each submunition may be self-extracting, recoil-less extracting, self-spin initiating, and/or sensor fused. A collimator, diffraction gratings, and Fourier lens collectively collimate, disperse and focus the optical input channels onto the array of micromirrors. Additionally, \u201cad hoc\u201d messages can be incorporated into the schedule without significantly disrupting the other messages.

1459825794-6c5af700-a9ad-45f5-9dc2-9c35bd99b227

A sprayer includes: a sprayer body; a nozzle extending from the sprayer body; and an irradiation unit disposed on a leading end of the nozzle and emitting light that is oriented and diffuses in a leading end direction of the nozzle. A storage processor requests a key associated with a particular object ID associated with a particular device address range from a key server. A logical address in an instruction is mapped, during a predecode operation, to a physical address having a larger address space than the logical address. The indicator includes a short circuit indicator in electrical communication with the short circuit element, wherein the short circuit indicator provides visual indication of a short circuit condition. The source may incorporate a source of electrical power. The method of the invention involves the following steps: mixing a precursor solution for the polymer with a precursor for the nanostructures to form a mixture; forming nanostructures in the mixture from the precursor of the nanostructures; and forming a polymer from the precursor solution of the polymer so that the nanostructures are incorporated into the polymer matrix.

1459825794-ac83e2d3-e29c-4b93-bfbd-f13833f0b979

A prosthetic joint according to the present invention includes a first implant component for attachment to a first bone and a second implant component for attachment to a second bone. The apparatus includes a body, a case forming an external appearance of the body, and a card reader disposed at an inside the case. Data storage and retrieval capabilities to the database are provided to allow access to the information, in response to requests from one of a plurality of remotely disposed computer systems. Prior to simulating the simulation model within the simulation client, the instrumentation event disable list is retrieved from the instrumentation server, and instrumentation events are disabled as specified within the instrumentation event disable list. The controller is configured to provide information to the management system at a first time, and the failure circuit is configured to cause the information to be provided to the management system at a second time in response to an acknowledgement from the management system not being receiving. The porous layer may be imbibed with an ink retention coating for dye based inks.

1459825794-c0c3789f-0e8e-47a7-8d05-b08915f26b9b

Heuristics for resizing displayed objects within an electronic document are disclosed. This enables a user of a corresponding portable transceiver to try to reach someone else before having to resort to calling emergency services. The instant invention further includes articles comprising the crosslinked product of the crosslinkable polyethylene composition. When the differentiated signal exceeds the first threshold, the output bit is 1, when the differentiated signal is less than the second threshold value, the output bit is 0, and when the differentiated signal is between the first threshold value and the second threshold value, the output bit is the same as the previous output bit. Each of the gripping portions is located adjacent the outer shell in a non-deployed state and extend away from the outer shell in a deployed state whereby a rescuer can drag a wearer.

1459825795-00a17936-cd7c-4069-8e39-76f92e52d6f2

The object of the present invention is to provide PPAR activity regulators, which

can be widely used for improving insulin resistance and preventing/treating various diseases such as diabetes, metabolic syndromes, hyperlipemia, high-blood pressure, vascular disorders, inflammation, hepatitis, fatty liver, liver fibrosis, NASH and obesity. The display device provides received content to the display and provides image signals to the plurality of image projection devices. The signal processing system further includes a complementary demodulating unit coupled to the digital baseband processor for demodulating the first plurality of CA codes to recover a second series of the navigation bits.

1459825795-54e267d7-5164-49b5-9bf9-654eade55c8f

The present invention relates to the use of an antagonist of OSM such as an antibody or small molecule in the manufacture of a medicament for the treatment or prophylaxis of an inflammatory arthropathy or inflammatory disorder, and the use of OSM in screening for such antagonists. During operation, the system receives a description of the commodity from a customer at a server. A UV-sensitive object to be exposed is exposed in X direction in a number of pixel units that substantially corresponds to the number of the GLV elements.

1459825795-68d330c4-82bb-49d5-913b-e72fdb45eac2

Methods and system for transferring images between devices is disclosed. A mass air flow sensor is arranged in the air passage section. 60 and carrying out a coupling reaction at a temperature of at least 65 C. Additionally provided is a method for producing a high-purity tungsten powder having a phosphorus content of 0.

1459825795-8785b15a-738e-42ef-ba49-f7d52010576e

Various embodiments for hit testing of visual objects are described herein. The detected frequency is the maximum which can be represented by the vertical sampling rate of the video format. A combination is selected based at least in part on the associated error rate. Each segment is smaller than the next by a factor of 1a for a first or primary level, or 1b for a second level of segments. In addition, a ground voltage is applied to erase gates other than the first alternating gates. A comparison is made between each of the positional cursors and the vector.

1459825795-ade3ab8-1f2b-4b17-8330-cf43df06fbfe

A delay-locked-loop circuit having a DLL that operates when an external clock signal has a low frequency and a DLL that operates when an external clock signal has a high frequency is disclosed. The system includes an efficiency reduction apparatus located between the inner wheel outer circumferential surface and the outer wheel inner circumferential edge to reduce the efficiency of the inner wheel as it transfers motion to the outer wheel. When fueling the vehicle, the gases in the fuel tank displaced by entering fuel are introduced into the carbon canister where the fuel vapors are stored.

1459825795-d00ac356-d914-4750-b09a-6b1103a81a49

A method and device for determining whether an incorrect recording occurred on a recording device. The method comprises: selecting a point in a medical image, wherein the point is located in a GGN; defining a volume of interest around the point, wherein the VOI comprises the GGN; removing a chest wall from the VOI; obtaining an initial state for a Markov random field; and segmenting the VOI, wherein the VOI is segmented using the Markov random field. A set of control signals is generated which are applied to the half or more butterfly network so as to access the memory bank with an n-tuple parallelism in a linear order in a first instance, and a quadratic polynomial order in a second instance, where n=2, 4, 8, 16, 32,. Each play participant possesses a unique RFID band, card or the like, that electronically identifies the play participant and enables the play system to award and track points or other rewards to successful play participants individually or working with other play participants as a team.

1459825796-5b5c4444-e0ae-42f4-96f5-141f815c269c

A disposable ear cleaning appliance comprising an elongated stem having a hollow cavity which opens outwardly from one end thereof, and a plurality, preferably four, flexible lengths of thermoplastic monofilament. Because the second query does not include the single-table outer join predicate, the second query may be available for further transformations or optimization techniques, may produce a more efficient or otherwise different execution plan, or may be executed more efficiently or differently. The access terminal then responsively identifies a carrier-to-interference--key value based at least in part on one or more CI measurements taken by the access terminal, and then uses that identified CI-key value to select\u2014and then request service from a serving access node at\u2014a next-requested forward-link data rate that is less than the last-requested forward-link data rate. The filter housing defines a volume for containing checked fuel. Conformal on-off cooling channels provide both thermal insulation during the heating phase and rapidly cooling of the molded article during the cooling phase. The defect inspecting apparatus includes a sample mounting device for mounting a sample; lighting and detecting apparatus for illuminating a patterned sample mounted on a mount and detecting the optical image of the reflected light obtained therefrom.

1459825796-8bde2257-4c6c-42ec-9fd2-74f79f063af7

First dummy memory cells connected to a first dummy signal line have the same shape and characteristics as those of a real memory cell. The user unit has a memory for storing the recorded information. The auxiliary service facility can include, for example, air conditioning ducts or diffusers,, five alarm detectors, fire sprinklers with flexible pipe connections, speakers, security sensors, and secondary light fittings. In response, the reply e-mail is sent to a fourth e-mail address corresponding to said user and the second e-mail address but not the third e-mail address. The first logic is capable of establishing a communication channel with the transceiver in a low power mode. A connector is removably placed on the flow sensor and includes at least one light source for exciting the optochemical sensor element and at least one photodetector for receiving the measurement radiation of the optochemical sensor element.

1459825796-a732ffd5-048c-42c1-88a4-fde3b4735fdf

The present invention relates to a continuous shear deformation device, in particular, which is capable of mass-producing shear deformed materials by continuously supplying a sharply bent channel type mold with materials, particularly, which have a variety of thickness from thin sheet to thick plate. The adjustable height wafer box comprises a base plate, a cover plate, a plurality of ring insert plates and elastomer bumpers. An anode current collector having a length or height shorter than at least one of the length or height of the cathode current collector or alkali metal strips operatively associated with the anode current collector is also described. In operation, a practitioner engages the needle-less tip syringe to the valve which places the valve in an open position and permits fluid flow into the syringe as the practitioner draws back on the plunger of the syringe. In second exemplary embodiment, a number of tolerances are utilized to ensure the proper operation of the mobile device while maintaining an active link. Methods for increasing levels of NO<sub>2</sub> in an exhaust system to combust trapped particulate matter involve oxidising NO to NO<sub>2</sub> over an oxidation catalyst at an optimum temperature range and using a plasma generator to generate NO<sub>2</sub> from NO or N<sub>2</sub>.

1459825796-aeafa41d3-fee9-489c-b368-11d57848ec4f

A method of manufacturing an optical device, wherein the device body portion from which the device is to be made includes at least one Quantum Well, the method including the step of causing an impurity material including copper to intermix with the Quantum Well. Jigsaw puzzle layers are disposed within the cavity and have scenes related to the theme. The ceramic material comprises a main phase comprising magnesium-aluminum oxynitride phase exhibiting an XRD peak at least in 2\u00b3=47

to 50 taken by using CuK $\alpha$  ray. The base includes a base body and a plurality of wheel assemblies, each wheel assembly including a wheel support operatively mounted to the base body for pivotal movement relative thereto and at least one wheel operatively mounted to the wheel support. A voltage-isolating passageway for providing high voltage isolation between a component maintained at high DC voltage and a component maintained at a substantially lower voltage is described. The method also includes attaching a plurality of elements comprising a second material to each of the plurality of pedestals, providing a second substrate having one or more structures disposed thereon, and aligning the first substrate and the second substrate.

1459825797-055eee1b-1c72-45ce-b5db-ecd11c5495ac

An apparatus for urging an oil film bearing onto and off of a roll neck in a rolling mill comprises an annular hydraulically actuated pistoncylinder unit mounted on a cylindrical section of the roll neck. The breastpump assembly includes a substantially rigid plastic housing connected to the extending portion of the breast hood. Furthermore, neighboring data signal lines are short-circuited each time the polarity of the grayscale display voltage output to each data signal line is reversed. End locking is prevented from arising when a spool, which rotates in the take-up direction, stops. The screw mechanism comprises two axially aligned screws which have opposite lead angles and two corresponding nuts, said screws each engaging a respective nut, the drive means being connected to both screws or to both nuts.

1459825797-6c61ac89-0c2f-4fc8-b3f5-776e5139c200

A semiconductor light emitting device includes an n-type nitride semiconductor layer 3 formed on one surface side of a single-crystal substrate 1 for epitaxial growth through a first buffer layer 2, an emission layer 5 formed on a surface side of the n-type nitride semiconductor layer 3, and a p-type nitride semiconductor layer 6 formed on a surface side of the emission layer 5. When the temperature of the ambient air outside the vehicle is low enough, the air is moved through a duct system by a pair of fans and blown across a battery assembly. The pulser includes numerous switch-selectable output modes that allow users to generate complex, tightly-controlled diagnostic sequences, all activated upon a voice command and hands-free. A coating of extracellular matrix molecules may be on the matrix, or the matrix may be treated with plasma irradiation to enhance cell adhesion. A control unit may provide the tag information of each sound source file extracted by the extraction unit in the form of a list, receiving one element of the provided list, and create a playback list. From the geospatial database, the circuit also determines addresses for the receivers so that the circuit can individually forward the message to the receivers within the designated geographic region.

1459825797-795c0d28-3d99-47b3-af2e-85472f48fcac

A handle attachment for mounting to a standardized valve mounting cup of a spray can and operating a push-type dispenser valve. The method comprising determining whether a mobile device is in a dampening state and determining a wireless dampening factor if the mobile device is in the dampening state. The water is recycled and the power plant includes reserve pressurized air tanks to allow the plant to continue to operate when the wind levels are not sufficient to produce high pressure air. OS device driver, working in conjunction with the extension of the OS checks the requested drive to determine if an access code is required, and the drive responds with the security code or a default code. The co-extruded tubing is swaged to the required diameter and wall thickness.

1459825797-d6343204-dd3a-4533-ace2-08194f748d26

A set of metal line structures including a signal transmission metal line and a capacitively-grounded inductively-signal-coupled metal line is embedded in a dielectric material layer. The loudspeakers are arranged distant from each other and from the listening position. By using a higher power level than the other MSs

operating in the system, MS has a higher probability of gaining system access and a channel grant in an expeditious fashion. Each of the event vectors includes geo-location information and timing information of the corresponding mobile device. Using tabs with burr-free edges also mitigates against the risk of electrical shorting. A method includes operating the device to measure the torque, the direction of rotation, and the speed of rotation of the shaft.

1459825798-44795b3f-875f-4ad0-b16f-4fa120786570

The present invention relates to a device at mixing devices for mixing pulverulent and liquid substances with each other for the manufacture of medical products, wherein a displaceable piston means has at least one groove extending around said piston means and at least one sealing ring is located in said groove. In some implementations, the packaging boxes include one or more trays used to support product cups, such as k-cups. An illumination device is disposed within the cavity for emitting light rays.

1459825798-4a13a1b6-3abf-4608-b274-6bab19688e71

Programming a NVM memory cell such as an NROM cell by using hot hole injection, followed by channel hot electron injection. All telephone sets associated with the transceiver are connected to a wire loop which supports the VoDSL service in the event of a power interruption to the transceiver. In a magnetic recording medium in which a magnetic layer is formed on a substrate via an underlayer, the magnetic layer is formed of an alloy containing cobalt as the main constituents and containing boron, chromium and germanium or containing phosphorus, chromium and germanium as additives of the alloy. Additional cushion presenters may be used in the buttock region to relieve tail burn. An area within this non-photolithographically produced boot region defines an emitter contact window. Finally, the protection device is combined with a trampoline in order to ensure the safety of a person exercising on the trampoline.

1459825798-539ae214-b6ae-4de1-8a8d-59843a52678f

In a method of operating an electric motor which drives an auxiliary oil pump for supplying a hydraulic pressure of an ATF to a transmission, only at an idle stop of an engine via a rotation shaft pivotally supported by ball bearings, the electric motor is rotated at a very low speed or in an intermittent manner when an automobile is traveling and the auxiliary oil pump is not used. The support assembly is in the form of a polymeric base, and the liquid transfer article is formed by providing a liquid photopolymer on the surface of the base and then irradiating the polymer with a light source to form the image. In addition, the telescopic socket assembly has a two-stage or three-stage position adjustment function. The upper protruding portions and the lower protruding portions are substantially spaced apart and alternately arranged. The second set of derotated received information symbol samples are provided to a received sample processing unit.

1459825798-cdd8f31f-864a-46c4-bc21-2b000691ec9d

The invention relates to a driving apparatus for a CCFL capable of easily providing a high output required to start the lamp. The monofunctional or polyfunctional epoxide compound is stirred, preferably in the liquid state, into the aqueous polymer dispersion. The apparatus includes a plurality of intake air temperature sensors and an ECU. The intermediate segment includes a stop member arranged to contact a portion of the inner segment to limit vertical movement of the inner segment relative to the intermediate segment.

1459825798-dcb5ca31-009d-49ef-9e0f-7e80fa2336ec

The present invention relates to multi-coated lactic acid bacteria coated with a multi-coating layer forming bacterial clusters and including protein, polysaccharide, and edible oilfat component, and a preparing method thereof. In the input buffer circuit, a self bias voltage generated by a self biased differential



amplification circuit is used not only for tracking a common mode input voltage in the differential amplification circuit but also for controlling the current of a current source and/or sink that controls the current used in the differential amplification circuit. The spring retainer system can be positionable into an unlocked position wherein the header system is decoupled from the bracket system. The tunnel client may send a first message to the tunnel server. The crack-resistant seal according to the present invention can be formed by crosslinking the fluororubber composition, and the resultant crack-resistant seal has particularly high crack resistance. The first positioning section is attached to one side of the box body and the second positioning section is attached to one side the axial rod bearer that faces the first positioning section.

1459825798-e66b9ef5-cecc-4209-8949-2868c17819c2

A memory card that adapts its operation according to the application to which it applied or the conditions under which it is operated. The health condition judgment display device is adapted to store body information including the input individual body characteristic information and body measurement information in a data processing portion. The consolidation operation may be performed by hot isostatic pressing of the powders within a deformable container.

1459825798-f34e7497-fdfa-4456-af1c-cdae502b8a91

A database monitor tracks performance statistics and information about the execution of different SQL statements. Pairing conductors reduces attenuation and crosstalk and permits the signal to contain multiple frequency modulated carrier bands with individual channel bandwidths of up to 3 kHz or higher. In addition spring-biased winding core holders protrude from and are distributed over the outer ring surface in the form of clamping elements.

1459825799-011f25f2-f7c5-48d2-aec5-52dca6611297

A printing apparatus according to the present invention includes a feeding unit, a conveying unit, a printing unit, and a control unit. Relationship information that associates a collection of requirement objects with a set of configuration management objects is stored. The antenna of a hand-held version of the intra-oral microwave system is also advantageously designed to detect the presence of and to preferentially heat caries or cavities, thereby disinfecting and therapeutically treating the caries in a potentially non-invasive manner. The switching facility recognizes the start data and the end data of a train and switches port paths to a next-assigned connection state accordingly.

1459825799-3d3b4756-a95c-4db4-8d90-a3d55a8a4e18

An exemplary embodiment relates to a mask for integrated circuit fabrication equipment. In one embodiment, critical endpoint events detected at an endpoint computer system are selectively logged to an endpoint database. In a most preferred embodiment, the solution is used with a cleaning pad comprising an effective amount of a superabsorbent material, said pad preferably being part of cleaning implement comprising a handle and said cleaning pad preferably being removable. The conforming sub-flow collectively are the first stage conforming flow.

1459825799-55768b2b-eb8a-42ae-acbe-581fb2155f37

An enclosure of fabric with four vertical sides that is open at the top and bottom. A first antenna 2 constituting a GPS circularly polarized loop antenna is formed on a dielectric substrate 10. The semiconductor device further includes a second semiconductor layer having a second lattice constant formed directly over the first semiconductor layer, wherein the second lattice constant is different from the first lattice constant.

1459825799-9fde94ec-9d77-4329-acd6-4505902cd9c9

Methods and apparatus are presented for scheduling asynchronous neighboring cells within a wireless communication system. The first and second motor generators

include first and second 3-phase coils, respectively. A recovery key associated with the device is also identified. In a first evaluation stage, only the intensity of the red pixels in the image is analyzed in order to select relevant points of light in the image. The second side of the lead frame is with at least one conductive lead, including a first end and a second end that is connected with the second side of the lead frame so that the semiconductor device is secured on the interior conductive surface of the conductive mounting platform for establishing electrical connection. A sensor is provided to sense the position of the rows of bins.

1459825799-b1443c8c-ad47-4919-b012-a633a1fcb7dc

A nondestructive inspection method of testing insulators using frequency resonance function that can inspect an anomaly of an insulator by vibrating the insulator with a force having the characteristic of white noise, measuring the change in motion of the insulator according to the vibration and calculating the frequency resonance function of the insulator is disclosed. A merchandising system includes a base having a first set of interfaces and a second set of interfaces, a first divider having a first engagement portion, and a second divider having a second engagement portion. chinensis selection \u2018RY,\u2019 and a female A. The measured responses are compared to the recorded responses to determine an appropriate compensation control voltage, which is applied to an equalizer system. A third portion of the granules supports phosphoric acid. The electrical switch assembly includes at least one push button electrical switch for connecting to an electrical circuit.

1459825800-aa0b23ca-c53a-4488-97f6-d9c45da2a8e3

The invention provides methods for amplification of polynucleotide sequences using primers containing single-stranded RNA. The lower electrode is fabricated by forming a texturizing underlayer and then depositing a conductive material thereover. Also disclosed is a method of cooling an axle assembly of a work vehicle. The light emitting set is installed with a light emitting body and a battery set. As a result, the user's personal information is protected while at the same time allowing the remote computer and the mobile communication terminal to communicate data effectively. Remedial measures are suggested or taken by the event management system.

1459825800-c9ec70ec-5d03-4ab0-9df2-489adf2b2a72

Methods are provided for re-ranking documents based on user-specific features. Initially, a flat field gray image is captured for one or more reference illuminations. Messaging settings selected to control message characteristics of the outgoing message are displayed in the messaging settings portion of the compose screen. When the size of the air chamber is increased, the transducer becomes more sensitive to sound in lower frequency ranges. The semiconductor zone separates a first part of the second region from a second part of the second region. These impediments may also take the form of communication problems along and between the various network segments.

1459825800-cbefbad6-26ce-4acb-8a99-5e1b7e3df8eb

An ethylene polymerization system is provided with a quench system and that cools the product mixture entering the separation system with a reduced load on the first compressor of the system. The integrated optical adddrop device has an optical filter having first and second input ports connected to first portions of the first and second interferometric arms and first and second output ports connected to second portions of the first and second interferometric arms. An RF armature is anchored to the substrate and is electrically connected with the RF-output transmission line. In some embodiments, systems and methods are provided for determining a rate of change for analyte concentration based on a continuous sensor signal. When the spout is in the extended position, however, the spout extends outward from the neck and the fluid is free to flow out of the container through

the spout.

1459825801-010dd467-73c7-4c21-b549-ef48cc964662

Electrical component for low-voltage switching devices having an electrode comprised of a substantially rigid body with one or more slots and at least one flexible conductor with an end portion inserted into and joined to an associated slot by means of cold plastic deformation. Exemplary embodiments identify a section of code for evaluation and insert at least one command for generating a report document into the section of code. The guide assemblies allow the storage unit to move on guide rails from a retracted to an extended position for easy access to items within the storage unit. The device orients and positions a plurality of fasteners within the post in a configuration wherein the fasteners are disposed angularly about, and offset from, a central, vertical axis in a preferably non-intersecting arrangement. The ability of the test body to change the shape thereof is likewise calculated by a method based on the finite element method.

1459825801-1587f9dc-c6be-4067-92ea-095241b398a1

Advanced techniques for programmable photolithography provide enhanced resolution and other aspects of a photolithography system. Compared to conventional continuous, high rate pulse trains having regular inter-pulse intervals, the non-regular pulse patterns or trains that embody features of the invention provide a lower average frequency. If the \u2018V3\_I terminal\u2019 signal is below the \u2018V2\_I terminal\u2019 signal, an AGC amplifier is controlled by the \u2018V3\_I terminal\u2019 signal. Then, the substrate stage is moved to a position Z2, at which the position of reticle-fiducial-mark images are detected at two lateral positions of the corresponding reticle fiducial mark. Each of the first cylinders is concentrically fitted over a rotating shaft such that the first cylinders are linearly movable along the rotating shafts in opposite directions.

1459825801-295a4d44-fb42-4982-803b-e9b632d2e006

A charge pump method and apparatus is described having various aspects. The petrol-tank flap is assigned a driving device which enables the petrol-tank flap to automatically swing open into its refuelling position after the locking device is released. The RDBs form a 3-D multi-tetrahedron lattice whereby said modular structure behaves under load as a multi-tetrahedron structure.

1459825801-6ea312b5-34a9-4b04-ad5f-f3c50487936c

A pumping arrangement employs a compensating type hydraulic pump, a directional valving arrangement and a proportioning valving arrangement. The executable module is generated by generating, with decryption of an encrypted protective object, a protective object containing a procedure for terminating a process operation due to invalid relationship between a first protect code and a second protect code contained in the executable module, linking the resultant decrypted protective object with other object, and writing a protect code. The tube being tested prior to and during sealing. An EMC gasket is also provided around the housing.

1459825801-dfb9540d-548a-41d1-a1e4-73127570f72a

A vascular graft comprised of a tubular polytetrafluoroethylene sheet is provided. Methods for producing a maize plant that comprise crossing maize variety PH1V92 with another maize plant. The embedded non-volatile memory has a program code block for storing program codes to be executed by the MCU, and a data block for storing the parameters. A plurality of second TV signals are received from a second source, and one or more respective second fingerprints are generated for each of the second TV signals.

1459825802-6731c567-8c13-4222-94e4-e72b510a04fb

A number of variations may include a casting having a raised integrated cast grounding block with tunable surfaces for routing an electrical grounding wirestrap via an eyelet and an anti-rotational tab attachment. Each image data record may be

generated by applying a distinct image processing function to the frame of image data. The shaft defines a longitudinal axis, has an end operatively attached to and proximate the head and extends upwardly, rearwardly therefrom to an upper end. An upper \u03bb4 retardation film is disposed between the upper substrate and the upper \u03bb2 retardation film, and includes \u0394 of 140\xb110 nm and a slow axis forming at an angle of 111\xb110 degree in the clockwise direction with respect to the absorption axis.

1459825802-f42dbb13-9cf0-4b74-8728-43704297b785

The invention comprises a laying, semi-vertical, or seated patient positioning, alignment, and/or control method and apparatus used in conjunction with multi-axis charged particle or proton beam radiation therapy of cancerous tumors. A first hook having a first eye, is provided, wherein the loop passes through the first eye. The powder can be in the form of unagglomerated particles or a powder coating with a degree of agglomeration or hard fusing ranging from none to significant amounts as long as the primary particles are visible in a micrograph.

1459825802-f5202107-a630-49b1-a635-20698f5a9805

A system that incorporates teachings of the present disclosure can include, for example, determining from nodal voltages sampled at an input port of a matching network an impedance of a variable load coupled to an output port of the matching network, generating at least one control signal according to the nodal voltage, and tuning the matching network with the at least one control signal. Each carrier is connected to an associated servo motor, which in turn are connected to a controller for rotating the carriers with respect to each other to grip and release glassware between the fingers, and to rotate the carriers conjointly to index the glassware between apparatus stations. Next, a first set of identification information for the device is extracted from the general identification information. The methods are useful as an aid in the selection of treatment for a patient with renal cell carcinoma, alone or in combination with conventional tumor stage and/or grade information. A high speed airflow can be generated within the fan housing. The front surface includes a pocket for the receipt of components, the components including at least one LEDs and electrical circuitry therefor.

1459825803-0271b8ba-c1b2-4778-b90c-138f41b8517e

Machine for orienting containers of the type comprising a cylindrical structure, a support ring integral with said cylindrical structure and provided with at least an interruption for offloading the containers themselves, a rotating cylinder and a fixed conical structure, internal and coaxial to said cylindrical structure. The invention also provides novel cytotoxic agents of formula, linker compounds represented by formula, and drug-linker compounds represented by formula. In various embodiments, the elements may select a first input during a first phase of a clock signal and select a second input during a second phase of a clock signal to provide a double data rate output.

1459825803-2e7ecf31-0a18-4603-992d-2d312c643d6c

An image forming apparatus is featured with excellent operability of storage at the time of non-use, as well as excellent operability of charging the battery, in addition to such advantages as thin and battery-driven, and preferably suitable for portable use. The packaging cartridge includes a container holding coffee beans and a transportation component for transporting coffee beans towards an exit opening of the cartridge. A starting current path is provided between the first and second electrode, and comprises a magnetic switch.

1459825803-6f99825f-e26c-4c56-9a08-b9f537731841

A printer apparatus includes a drive circuit and a flexible board on which the drive circuit is mounted. The complex selectively binds biogenic amines which are released by food spoilage microorganisms and undergo a detectable color change upon exposure thereto. A glass enclosed wick extends from above the glass enclosure into

the oil within the container. The correction algorithm and results can be applied in the digital domain or in the analog domain.

1459825803-7d2d8541-7837-4be4-bf61-635d02339945

A biodegradable hyaluronic acid derivative comprising a modified hyaluronic acid repeating unit represented by the formula -ONH-Mp, wherein HA is a unit including N-acetyl-D-glucosamine and D-glucuronic acid, M is a modifying moiety containing a C2-16 hydrocarbyl group or a prepolymer, and p is an integer of 1 to 4. The scan engine comprises dedicated logic where a state of the dedicated logic is adapted to control processing of the scan request on the system-under-test. A fused portion is provided by welding only a side of an outer end portion of the rod-like body while a non-fused portion is formed without welding a side of an inner end portion, so the end stop as a top or bottom end stop is produced. The first support layer has a leading shield, and the leading shield has a low-level flat part, a slope part and a high-level flat part continuously arranged at one side in the recited order toward the air bearing surface.

1459825803-9df6d545-4fa2-4d1c-bd37-7174b3410b98

Provided is a semiconductor device using a p-type oxide semiconductor layer and a method of manufacturing the same. In one illustrative embodiment, an audio phrase produced by a first user is identified in the voice communication between the first user and a second user. The apparatus can be reconfigured to support different or modified communication protocols over time. A case incorporating a retractable sound reflector is also disclosed. The invention further relates to a set containing at least one such storage unit and at least one carrier for at least one surgical item, in particular for at least one bone screw.

1459825803-a5fc73e7-2ddc-4405-a4db-80e3049cb97b

The present invention discloses an atomization structure comprising a carrier, a cover plate, a piezoelectric driving device and an atomization piece. The video providing apparatus comprises a parallel light source or a parallel light type LED as a light source. Remaining water is delivered by gravity flow to a second supply tank wherein the ozone is allowed to largely if not entirely dissipate from the water. By only allowing execution of authorized boot loaders, security related breaches are substantially reduced or eliminated; thereby, enhancing device integrity.

1459825804-4d027a95-53e1-4727-8f7d-da12b114d7b3

An air cleaner arrangement or assembly is provided. The thus-obtained carbon fiber sliver is drawn and twisted to produce a pitch-based carbon fiber spun yarn containing at least 3 wt. The correlation/integration block is configured to substantially eliminate mismatches between the in-phase and quadrature components of portions of the spectrum having associated IQ mismatches that are relatively frequency-dependent in accordance with a pair of signals generated by the static IC calibration block. Aspects of the present invention are practicable with different types of pick and place machines, and are able to advantageously use sensors and/or technician supplied information to generate automatic indications of feeder exchange validity. The fascia may include replaceable bezels with apertures therein for providing access to hardware devices.

1459825804-9cf10c27-9ad7-4c58-b184-2a57cbea3c1c

A method for increasing the directional stability of a motor vehicle is provided, as well as a corresponding device, and a corresponding computer program product. The system and method may further select one or more alternate trunks using a constraint-based trunk-selection algorithm. Next, the embodiments can generate the set of non-default routing rules for routing the net based on one or more metrics. The rotary flow control member is rotatable about an axis of rotation co-axial with the syringe port and the drug dispensing port. An inactive mutant of PHEX is also an object of this invention.

1459825805-29812368-689b-4da2-8d7c-e17d2024c94a

A high performance bipolar transistor device is realized from a series of layers formed on a substrate, the series of layers including a first set of one or more layers each comprising n-type dopant material, a second set of layers forming a p-type modulation doped quantum well structure, and a third set of one or more layers each comprising n-type dopant material. First, identification of a tag and real-time circumstance information both related to a detection area are acquired. The method comprises the actions of detecting a loss of coverage and transmitting coverage information, to be received by the base station.

1459825805-40897a2a-3c7c-4506-857b-03656fcb9754

Liquid-crystalline compounds of the formula I in which R<sub>1</sub>, A<sub>1</sub>, A<sub>2</sub>, Z<sub>1</sub>, Z<sub>2</sub>, X, a, b, L<sub>1</sub>, L<sub>2</sub> and L<sub>3</sub> are as defined herein, and to liquid-crystalline media comprising at least one compound of the formula I and to electro-optical displays containing a liquid-crystalline medium of this type. The circuit detects voltage levels ranging above and below a nominal voltage level and assigns binary values to the detected states, the values used as instruction to a device coupled to the circuit. The base member is configured to be positioned between the fluid pump and the transfer case when the fluid pump is assembled to the transfer case with the support members being adapted to be received within an indent portion of the pump cavity to at least partially inhibit the fluid pump from contacting the transfer case proximate the indent portion of the pump cavity.

1459825805-4cdd82de-fb11-42f1-9ec7-7b6a60b41685

A control system that employs closed-loop control for providing active vehicle rear-wheel steering, where the control system receives longitudinal wheel slip inputs to improve the vehicle directional stability. The data acquired from the data source is encapsulated into a data object. In some aspects, the support system may also interconnect the downcomer of the lower cross flow tray to an upper tray of an underlying pair, providing additional support for the assembly. Look hook 323 locks the cylinder flange by rotation of a syringe received in flange lock member 320 about its axis.

1459825805-63cbac26-28fc-46b7-9692-265a8ed31973

A package for an integrated circuit includes a circuit board 122 for mounting the integrated circuit 114 having a first surface and a second surface, a connection device positioned on the first surface of the circuit board 122 for electrically connecting the integrated circuit 114 and the integrated circuit 114 being positioned on the second surface of the integrated circuit 114. The spatial data provided from the spatial database to the controller can be any kind of data or information that has some relationship or association with \u201creal world\u201d geographical location, or if it is stored somehow with reference to geographical location. Embodiments of the method can include a flotation separation and a hydrophobic agglomeration separation. The method also includes associating the query with the node. Power to a transceiver of a device is terminated if the particular telemetry system remains dormant or inactive for a programmable period of time and power to the transceiver is turned on if a particular signal is received by the implantable device.

1459825805-69a277bc-3529-4062-82f9-9f3dbb72c786

A forward link design is provided employing CDMA technologies in which time division multiplexing is employed between data and control information on the forward link to service multiple users per slot. The cleaning compositions of the invention include acidic light duty liquid cleaning compositions with low toxicity and antibacterial efficacy on surfaces, for example, hard surfaces. The first panel is subjected to compression stress and is heated to a temperature higher than a softening point of the glass material so that the stretched conductive wires are buried in the glass material.

1459825805-6a0ea4b9-c06e-4b14-bbf8-f9f314c8b6ba

The invention relates to a method and system of physician economic performance evaluation in which the relative medical difficulty associated with patients admitted by a particular physician is determined and, given that measurement, judgments made concerning the relative amount of inpatient resources that the physician required. In one embodiment, the method includes providing a material stack including at least an etch mask located on a blanker layer of metal or metal alloy. The intermediate layer includes at least one surface. The multilayer panel may include at least one recess portion configured to strengthen the multilayer panel.

1459825805-fbd2d8aa-305d-4231-a0d5-ef73d54a78f6

Vehicle steering head for a trike includes a hollow support. The method includes positioning a mirror perpendicular to an optical axis of a focal plane array in both an open-face position and a mirror-reading position. The present invention also relates to a method for determining a syndrome, as well as a coding and decoding circuit.

1459825806-01191f2d-9609-4fbb-b416-5a2790966c43

A Visual Knowledge Publisher system provides a graphical user interface environment that acts as a development platform for authoring predetermined dialog text for servicing various customer products and services and a Customer Interaction Platform for managing the interactions between the customer and the system. A liquid supply unit supplies liquid to the gap. The nominal 120 Vac circuit is designed to withstand a 6 kilovolt surge without damage.

1459825806-5790c751-c28c-47be-b866-56dc6232dc7c

A drive device for a vehicle configured between an internal combustion engine and a wheel. Two passivation layers are used to form bond pads of a semiconductor device. The flow detection device comprises a processor associated with a flow sensor. Attached to the other end of the cable is a light holder. The buyer may be an investor, speculator, market maker, or arbitrageur, who purchases the license contract to achieve appreciation. 01 to 100 vol % into contact with a carbon material under conditions at 150 to 600° C.

1459825806-736e2039-4844-42a4-90cc-8f23ad42a8ac

A method embodiment includes receiving data indicative of a person accessing at least one of a first network-available electronic content or a second network-available electronic content. A variety of other features and arrangements are also detailed. One or more signal decoders decode the highly compressed data. In order to update the resource descriptor, a logical processor must first obtain exclusive access to the resource descriptor by updating a semaphore. On an upper face of the operating deck, there are formed a mounting portion for the driver's seat, a mounting portion for the first operating device, and a mounting portion for the second operating device; the driver's seat, the first operating device and the second operating devices being mounted on the respective mounting portions independently of each other.

1459825806-8774283e-07b5-4428-87f6-470d1c7dedee

Novel proteins of microorganism E-396 and the DNA sequences which encode these proteins have been discovered to provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentenyl pyrophosphate to various carotenoids, especially zeaxanthin, astaxanthin, adonixanthin and canthaxanthin. The system includes at least one attachment plate provided with at least one fastening component. According to the method, the decision for inter-RAT handover may be taken by the serving network entity in a hierarchical manner beginning with a radio access network entity and proceeding towards a core network entity. This invention also relates to a continuous steel product coated with a layer of metallic bismuth.

1459825806-98e44441-e270-4680-9a9f-f028c0a1cd05

A hot-plugging capability for video devices is achieved by shifting the responsibility for recognizing changes in the configuration of a display environment from a computer's operating system to a device manager. As the lateral acceleration increases, an increase in a basic drive torque is suppressed by a larger amount. The method also includes a step of knitting an integrated tubular fabric continuously from the joined tubular fabric. For example, where the text appears to be the beginning of an item name, then those items matching the input text will dynamically appear as the user types. The first underground heat sink absorbs heat from the fluid in order to heat the first underground heat sink.

1459825807-2847bdff-8546-439b-be8f-26727eb3b444

Calibrating a posture detector for a patient's body involves measuring outputs of one or more sensors disposed in relation to the patient's body while the patient assumes a plurality of positions. The system includes a default or universal classifier that is pre-trained with features that have relatively universal discriminatory relationships for multiple people and that is operable to produce a measure that a message is classified as having one of several characteristics. Such packaging material can be effectively utilized for many kinds of packaging bags or containers with the sealant layer being disposed to the inner content side of the bag or container. A control mechanism is disposed within the handle and extends through the shaft for selectively controlling the direction and degree of deflection at the distal end.

1459825807-6858baa2-c19c-4154-baf7-d1958e115098

An operation apparatus is responsive to a physical action for inputting a control parameter of a musical sound into an electronic musical instrument. Aspects of an exemplary container include an extended hollow body, a standing bottom, collapsible side walls and a tapered shoulder region which transforms into a neck. The dispenser has a feature named a shaker. With this arrangement, noise produced when the blades 19 rotate along the web leg sections 28A to 28C is reduced. In order to improve the cooling, raised areas composed of insulating material are fitted at a distance from one another on at least one side of the winding conductor, over its entire length.

1459825807-9653b97c-f9c2-4b4a-ae47-b1ad0ddfb91a

A heavy duty vehicle recovery system employs a cranetow boom assembly which is pivotally mounted to an upright assembly and is transformable between various positions. The interconnect structures may contain an interconnect line, an electrolessly deposited metal layer formed over the interconnect line, a via formed over the metal layer, and a second interconnect line formed over the via. The pneumatic servo valve further comprises a spool holding means including a ball nut 60 which is engaged, via a ball, with a helical groove formed on a connection rod of the spool connected to the torque motor and rotates when the spool moves linearly, and an electronic brake for holding the ball nut not to rotate when the spool is stopped. 005 and a sieving coefficient of cytochrome c that satisfies the equation  $SC_{ccc} \geq 22675 \times b710 \times b7UFRAlb3 \times b7120$ . Rejection reason data is generated based on selecting one of the rejection options. The RF coil array includes a rigid cup-shaped element and a flexible, substantially flat portion.

1459825807-f380e4e0-5a14-4e37-bbd1-33f3b1aece90

A storage container for a disc-shaped item of recorded media includes a base and a lid that is hingedly connected to the base and moveable between open and closed positions. Markedly less adhesive than has to be applied during lamination and the good mechanical properties of the ROHACELL\xae foams are retained. The cover plate is mounted over the receptacle and has apertures for plug blades or thin, puncturable films over the apertures for the plug blades.



1459825808-060b2992-e7c0-4e83-a332-31a9167d9530

A method and system of coordination between CAD drawings for collision checking purposes. The first computing device determines that a volume level associated with the video feed reaches a threshold. Radio frequency propagation models and user demand and distribution models can be used to determine the offline solution. Each group of devices has the name of the group associated with the certificate and signed by the CA. A threshold value at a side of a peak value thereof is also renewed by a value calculated by multiplying a minimum value of a deviation between the peak value and the reference value from the predetermined period of time by a ratio when the minimum value of the deviation is equal to or smaller than the threshold value.

1459825808-53af5849-518d-4b14-9f5e-e864b21d399b

Substituted isothiazole compounds and compositions are provided, wherein particularly preferred compositions and methods are directed towards inhibition of various protein kinases. The semiconductor package includes at least two semiconductor chips stacked upon each other. The present invention embodies a waveguide crossing that includes tapering the width of the waveguides as they approach the intersecting region, forcing the propagating light to contract, thereby reducing asymmetric field distortions, and thus reducing transmission loss and effectively minimizing crosstalk. The clipping circuit is provided at an input side of the sampling part, and clips an electric potential of the vertical signal line to a first clip level before the pixel signal is input from the pixels to the vertical signal line when the shutter control part performs the global shutter operation.

1459825808-82ce1653-627d-4361-8a9f-9060d94a66de

An ethylene polymer excellent in molding processability represented by uniform extensibility, drawdown resistance, swell and extrudability, and mechanical properties represented by rigidity, impact resistance and ESCR, is provided. The method includes transmitting different types of information packets from an initiator to a receiver. Compounds of the present invention are described by formula I: in which the R-groups are herein defined, together with their pharmaceutically acceptable salts, therapeutic methods for their use and processes for their preparation. The intensified structure is embedded in the foam body. Further, there are formed multiple filmy layers, on which an LSI where a driver IC LSI of optical elements, and an amplifier LSI of the optical elements are integrated. The implanting body is separated from the main body and connected detachably to the detachment groove of the main body when seaweed is attached and inhabiting the outer periphery.

1459825808-ba89cede-5113-484b-8841-91e646da4b90

A method for making a support impregnated Ziegler-Natta-type catalyst precursor including at least two transition metals and a support material wherein the resulting catalyst precursor is free-flowing is provided. The computer may send image data in a multi-resolution format from the computer to one of several rendering devices. At least one of the units is configured to wirelessly send data transmissions to the other unit which is configured to receive such transmissions. The barrier includes a gate that also includes upper and lower sections and paired vertically extending support members that slide relative to each other. The back portion, seat portion and leg portion are arranged so that they are in different planes and when the main frame is in a second position, the back portion, seat portion and leg portion are arranged so that they are in a gurney position. The damper module performs a switch operation to control the valve state of the plurality of digital valves to a given desired state when the target damping state is different from a present damping state.

1459825809-0f3689bd-b95a-4a79-b016-07a8418c557d

A vacuum cleaning apparatus includes a cleaning attachment. The improved apparatus

and method are used to apply pressure to a welded seam created between two metal plates during the welding process. The test routines can also perform power-up tests in systems or end products containing the ASIC. The resultant waveforms are compared and if the two waveforms have a phase relationship corresponding to a critical phase angle that is based on the pitch of the monitored volumes and the offset between the tiers of monitored volumes, an animal-immune motion indication is generated.

1459825809-1d06b33c-6512-4446-9745-52c75f2b499b

Data files are distributed across a plurality of computers. At least a part of the first layer may be transformed to an alloy material comprising the first and second metals. The tapered roller bearing is used in an idler portion of an automobile transmission, which is interchanged between an idle state in which the outer race idles with respect to the inner race and a shift state in which the outer race and the inner race are rotated synchronously with each other. Only one of the first and the second transmitter chains is active when a first carrier and a second carrier have a frequency offset that is less than an associated half duplex frequency within a same split-band duplex band, thus preventing third order inter-modulation products from falling within an associated receive channel. The invention is applicable to detecting and locating leakage from hydraulic works. This is accomplished by tempering the downward transient in power demand seen by the fuel cell stack.

1459825809-1d94879c-3781-4ce4-9413-49df0278d7e6

In a nuclear magnetic resonance spectrometer, the shape of a detection coil is changed from a conventional cage type to a solenoid type of higher sensitivity. The nonvolatile memory has a secure area configured to store a user password and a serial number in encrypted form. According to the above technical solutions, the content synchronization of the MCCH RRC message TBs may be achieved. The background portion can be continually broadcasted by the head-end. The second medium layer is formed on the micro structure. The first pick-off component is coupled to the reference member while the second pick-off component is coupled to the conduit proximate the first pick-off component.

1459825809-4da98e84-3b0a-4e63-862a-3cb57228c994

A development environment in which unit tests are prepared. The connection between the entraining member and the guide slide is with the interposition of an abutment unit attached to the guide slide, such abutment unit furthermore serving to limit the path of movement of the guide slide. When operated, the upper guide roller and the lower guide roller are moved diagonally upward and downward, respectively, in the direction of the radial inner edge of the curved belt so that the thick part of the belt is released from the upper and lower guide rollers.

1459825809-7ab7dc77-63c7-47fd-820c-61dc802c3e7e

Concepts and technologies are described herein for a software builder. The tabletop has an upper utilizing portion which has a top resting edge peripherally encircling therearound, and a bottom bottom supporting surface for the table supporting frame to be mounted thereon. Finally a mechanism for sealing the pump chamber from the interior of the canister that surrounds the inner magnet assembly is disclosed which permits a separate supply of coolant to be used for cooling the inner magnet assembly and the proximal end of the rotor shaft wherein such a coolant is not the fluid being pumped in the pump chamber.

1459825809-869c28ad-987f-4ec1-90a0-cbf47c4121ed

The present invention is in the field of soybean variety CL1013675 breeding and development. The fixture includes upper and lower horizontal support bars. Light 14 is incident on the grating 12 and light 16 is reflected from the grating 12 at a reflection wavelength 1. The assumed equation input section is used to input an assumed equation of the figure according to user operation. Accordingly, when the

mating beams are engaged with electrodes of the LGA chip, the mating beams are long enough to provide excellent resilient deflection characteristics, thereby ensuring good mechanical and electrical connection between the mating beams and the electrodes. The driving post inserts in the guiding slot and resists against the driven edge of the locking piece.

1459825810-0e154d79-c664-4080-903e-349e99078328

A film comprising a polylactic acid and polypropylene blend having a haze of from about 10% to about 95% and a gloss 45\xb0 of from about 50 to about 125. Stink bug traps comprising murgantiol and methods of using murgantiol in traps indoors are provided. The first and second members are formed from a semi-rigid material. The fold lines may transition from non-reinforced to reinforced portions of the blank and a special transition zone is contemplated to accommodate the transition. The server may also execute one or more plugins that customize the configuration files as desired. The encapsulant extends into a channel in the pillar, thereby interlocking the pillar to the assembly.

1459825810-194a3fa0-f9f1-4158-a4ad-648f99d8c4e7

This invention pertains to the art of methods and apparatuses associated with measuring and profile tools utilized in crafts, particularly in the design of quilts. Further disclosed is a tactile sensor array comprising a plurality of sensor elements. This baselining procedure generates storage information like the number of rows in the table, the average length of a row, the number of chainedmigrated rows, and the average free space per page in the table.

1459825810-9467f15c-8dd1-4569-9309-7fd58f988911

In accordance with an embodiment of the present invention there is provided a dispenser apparatus for dispensing fluids. The output of the seed source is processed in the modulator so the modulator outputs a polarized optical output to the PM amplifier. For nodes with more than a small number of nodes there are a large number of possible optical amplifier configurations.

1459825810-96a5c8ba-c1d6-4ae6-b0ec-f94a03685048

Replay attacks in an encrypted file system are prevented by generating a session key and providing the session key to one or more drive managers and an encrypted file system process. The nanowire cores include semiconductor nanowires epitaxially extending from portions of a semiconductor surface of the support exposed through openings in the insulating mask layer. A solution of a film-forming material is then deposited on the layer of the first organic semiconducting polymer. After the print interruption the printing substrate is accelerated again to the print speed according to an acceleration ramp. The controller detects a drive output of the actuator when the actuator changes the position of the top dead center of the piston, and estimates the load of the engine based on the detected drive output of the actuator. Two-way communication is maintained between the user and an external source, such as a cellular telephone which has a multi-task processor with memory and applications stored therein for receiving and transmitting user voice commands and text messages.

1459825810-adf8d140-76d6-489e-bd94-279460e121ff

Various embodiments of systems and methods for performing backup operation in In-memory database systems are described herein. Machining a hollow outer part of the pair of thread split inserts with an opening therethrough and outer portions of two cooling conduits extending from the opening therethrough to respective inlets and outlets. The excitation signal that results in a minimum error between the target signal and the synthetic signal is selected. Glass containers may be formed from the black-strikable glass composition, and these glass containers may be heated to a temperature greater than 600 degrees Celsius to strike black therein.

1459825810-fba92f31-adf7-4039-90b8-f63f306a8583

A lighted umbrella comprises a solar power device mounted on the top end of the shaft of the umbrella. The entry within the tag read cache can include an identifier corresponding to the RFID tag and a timestamp indicating when the RFID tag was detected in the first area. Upon reflection of the radiation from the reflector elements, a distinct beam shape for the reflected microwave energy is generated.

1459825811-05513ac4-4bbe-4a4c-a747-cee704a80a5f

A method for dynamically decoding protocol data on a computer system is provided using a protocol decoder, which inspects and analyzes protocol data received by the computer system. One embodiment of the system comprises a wireless data processing device; a messaging service to maintain messages and other information on behalf of a user; and synchronization logic for maintaining synchronization of the messages and other information between the wireless device and the messaging service. The plurality of user plane radio bearers all support a common service. It is discharged from the tool electrode directly against the workpiece surface or surfaces which are undergoing material removal. In one aspect, a data acquisition system includes an accumulator that has two or more parallel accumulation paths and is configured to accumulate corresponding data samples across a transient sequence through different accumulation paths. The assembly also has a second rail having a channel defined therein, with the channel having a wavy upper wall and a wavy lower wall.

1459825811-11cd9a14-6e63-4177-abed-72d1626e0950

In the multiple-layered semiconductor device and the method for manufacturing thereof according to the present invention, the resin is formed on the substrate around the semiconductor device, on which the semiconductor device is installed in the first semiconductor package. The supplying section supplies airflow between a recording medium and the fusing section. The transaction is identified as a peer-to-peer transaction by a command or an attribute data in the transaction.

1459825811-5fdd3cc6-1de6-483b-8411-950c96d7aae6

A method and apparatus for reliably detecting MPEG-2 packet sync-byte positions received via a digital transmission system in the event of a packet stream containing a plurality of null packets of a plurality of packets containing a fixed repeating bit pattern and for reliably synchronizing and delivering the MPEG-2 stream broadcast to the receiver transport layer. Specifically, the present invention provides for a headliner speaker system that is configured to digitally process an audio signal in a manner such that studio-quality sound that can be reproduced. First conductive vias form electrical connections between the first underlying conductive layer and the first overlying conductive layer. The watermark is compressed as an object and the watermarked object is then associated with the compressed video object.

1459825811-cf6402ed-a7b1-4585-bd81-389e93f87fda

An oxygen sensor pressure compensation system includes a static pressure compensation module to receive an oxygen sensor signal from an oxygen sensor and a pressure signal from a pressure sensor and to perform static pressure compensation. The package substrate includes a plurality of first land pads disposed in the first surface, second land pads disposed in the second surface and a second testing-dedicated pad disposed in the second surface. A maximum offset current is calculated from the difference between the currents at the lower actual PI threshold and the lower estimated PI threshold. A drug mixing kit comprising a multi-container housing with a plurality of flow conduits and a plurality of compartments for receiving containers and a transfer device is also described. Polling may respond to a \u201cpoll-me bit,\u201d and/or it may be adaptively periodic at a rate based on communication status parameters, such as recent communication activity and connection QoS levels.

1459825812-1fc0d13c-3c0a-4d73-accd-ac1ce760a13a

The present invention relates to a system and a method for cooling extruded and molded materials. Oxygen and a silicon etchant are introduced into a plasma etching chamber containing a silicon substrate. To conserve battery power, each tire pressure signal transmitted by the transmitters includes a wake-up signal only when the vehicle has been stationary for a predetermined time period. The customized formulation can be directed to a manufacturing facility for on-demand production.

1459825812-5310f41b-db26-4c3a-a197-b05e53aa6a8f

A television mount assembly suitable for mounting a television to a wall, especially over fireplaces and other obstacles. The assembly includes a hub, a wheel rotatably mounted on the hub, and a planetary speed-reducing unit mounted on the hub and drivingly connected with the wheel. The clock signal supply circuit provides edge clock and data clock signals offset in phase from one another to the respective clock inputs of the edge sampler and the data sampler.

1459825812-fbbb5d7b-99ea-4c17-94c6-514facddb908

A semiconductor element heat dissipating member is provided which has excellent heat dissipation characteristics and adhesion characteristics and enables production of a semiconductor device at a low cost. As an alternative thereto, the auxiliary grid electrode may also be positively biased so as to enhance electron emission from a thermoionic electron emitter. The select valves are individually controllable such that each select valve is selectively operated via a pneumatic actuator. As a result of proper application of the apparatus breathing at night is normalized, while snoring, grinding of the teeth, and apnea are prevented. The edge light type backlight unit includes a light guide panel which guides light; light emitting elements which are arranged on the insides of opposite first and second surfaces of the light guide panel; and heat sinks which are provided on the outsides of the first and second surfaces and emit heat generated by the light emitting elements. A first angle between a direction, in which the first collecting hole is oriented, and a vertical direction is larger than a second angle between a direction, in which the first feeding hole is oriented, and the vertical direction.

1459825813-fcf51406-2063-4752-9b48-3d6928671735

Method and apparatus are provided for a synchronizing execution of a plurality of threads on a multi-threaded processor. The method includes: forming a first fold of wire; bonding the first fold of wire to a first bonding location to form a first bond; extending a length of wire, continuous with the first bond, between the first bond and a second bonding location; and bonding a portion of the wire to the second bonding location to form a second bond. The processing unit is coupled to the demodulator, and is utilized for determining the target string or subframe according to the plurality of strings or subframes.

1459825814-3752cf9b-b660-4d11-824e-9d2ba743bb2e

A system is provided for allowing mobile stations to exchange identification information using a predetermined communication path for the purpose of obtaining identification information to use in establishing a different communication path for communicating. The conjugates of the invention, when administered by any of a number of administration routes, exhibits advantages over previously administered compounds. The opening has an area that is smaller than that of the second electrode, and is provided at a position opposite the second electrode to form a detection portion constituted by the portion of the first electrode exposed through the opening, the second electrode and the solid electrolyte layer. In one embodiment, the electronic device determines the time-varying noise prior to adjusting the digital signal values. One extension member is mounted a spaced distance from the other extension member, with each pallet extension member having an outer edge configured to engage the retaining rails. A detail gain control procedure is performed and then a detail gain adjustment is performed on the detail gain adjustment layer and the detail image layer, for generating a gain correction

layer.

1459825814-f71636bc-c595-4a9d-81fd-2b67c9d76995

Disclosed is the method for creating a reinforced hollow fiber membrane by applying reinforcing filaments to a core, casting a dope over the filaments and core, forming a membrane from the dope, and removing the core. The patient is initially taught to make a certain sound when an associated indicator light is turned on, and then allowed to practice with the device at home. One of the semi-cylindrical bearings being incorporated in at least one of the pair of housing halves, which one housing half has a relatively higher stiffness, is provided with a number of circumferential grooves on an inner surface of the semi-cylindrical bearing so as to extend circumferentially along the inner surface of the semi-cylindrical bearing. In the course of play, a player is enabled to select from among the player selectable objects to reveal prize progression affecting elements. , as a biomedical adhesive for application to the skin or other body surface, and as such finds utility in the areas of drug delivery systems, medical skin coverings and wound healing products and biomedical electrodes. Methods for making such materials and using such coatings to minimize transition metal deposition in electrochemical cells are likewise provided.

1459825815-695a7fc7-058a-4149-a58b-e0437abd690d

A piston rod assembly for coupling between a power end and a fluid end of a high pressure reciprocating pump. Accordingly, it is possible to reduce the resistance of power supply lines and ground lines, to minimize a power dip of a block located far away from the main power pads and main ground pads, and to prevent a failure in power application, which may occur due to a decrease of adhesive strength at a specific position, by dispersing the adhesion positions of the power pads and ground pads. The conductive trace includes a pad and a terminal. The forming panels may be used as cap forms whereby after the concrete is cured, forming panels below the cap form may be replaced and reattached above the cap form.

1459825815-f777b208-08e5-4c61-8fb9-2feb6ffff43b

An optical fiber ribbon holding member capable of readjusting a position of an optical fiber ribbon without requiring a heating operation is provided. The interactive tray system enables a single, transferable interactive unit to be fastened to a communication medium, turning into a fully interactive medium. The AMR receiver reads AMR data, which is not compatible with the ZigBee SE protocol, from the AMR meter. Furthermore, the method includes removing the sacrificial layer through the opening. In the priority mode, the adapter is relieved of the need to read the descriptor from the memory, and can thus begin execution as soon as it has resources available to do so. The erase verification is followed by soft programming any memory cells having a threshold voltage below a predetermined minimum level and applying a positive gate stress to the plurality of memory cells.

1459825816-05bd3b4f-8d32-4ffe-9e62-5eaf6b47cfe3

Systems and methods for multi-process browser architecture are described herein. The transformed main image and updated metadata are stored together in a file using the EXIF format so that the transformed main image may be viewed using a digital camera or viewer software compatible with a properly formatted EXIF file. A laminated TMR layer, having a plurality of laminates, is deposited over the bottom lead.

1459825816-7593b657-274e-46cb-8340-df24f0e6cdf8

A tubular bagging machine includes an innovative indentation-forming device and a modified cross-sealing device. Accordingly, waste of resources consumed for the CQIs can be reduced. The complexes may further comprise a lipophilic moiety, optionally a lipophilic moiety comprising a contacting group and/or a targeting ligand, and/or a saccharide moiety. This guarantees type safety, and further guarantees initialization safety if the program is well-behaved. The handlebar is

pivotally coupled with the frame and is configured to facilitate steering of the front wheel. The method comprises the steps of enabling access to the picture file displayed on a cellular telephone from a location remote from the cellular telephone; entering information related to the picture file from the remote location; and providing the information to the cellular telephone.

1459825816-909ca01c-4aa0-40b0-ba11-18e480a7a54f

A simple and practical image restoring device capable of improving the performance of image restoration. In particular, the present invention provides vectors for expressing proteins useful for treating autoimmune diseases and cancer, in part by regulation of tumor necrosis factor-alpha expression. A dispenser outlet fluidly is connected to the tank by a dispenser fluid line.

1459825817-1399eaad-3346-45bb-a417-2b81979bcfae

A recycling method comprises classifying products to be recycled on the basis of classifier unit information, decomposing and fractionating some of the products on the basis of fractionator unit information. A PacketTDM cross connect switch, having both a TDM switch and a packet switch, is used in these embodiments. The extension handle includes a handle attached to the bracket or brackets. The third car, using the hydraulic actuator takes the new tie and uses it to push the old tie out from under the railroad track and simultaneously place the new tie in proper position. The substrates may advantageously be used for mounting semiconductor chips used in flexible microelectronic assemblies. As a result, the substrates need not be precisely mechanically aligned.

1459825818-18b2411c-3d0d-4605-b60c-3371ddec1829

An API call filtering system filters responses to API call requests received, via a network, from user devices. An example image sensor includes a first pixel, a second pixel, and an isolation structure. The memory blocks are coupled to the pipeline logic units with a meshed crossbar and form a set of virtual memory banks, where memory blocks within any given physical memory bank may be allocated to a virtual memory bank for any particular pipeline logic unit. The method also includes receiving a transaction, generating an index log of changes to the index in response to the received transaction, and modifying the first index in response to the generated index log. In a third embodiment, a feed-back block concatenated coding process is designed for an Ethernet.

1459825818-1933412e-e4af-4b40-8690-63075a86506b

A method of preparing oil-absorbing fibers by: a) fully dissolving a dispersant and a deionized water in a reaction vessel, adding a methacrylate monomer and an initiator to a reactor and stirring to form a homogenous solution, transferring the homogenous solution into the reaction vessel, charging nitrogen gas, stirring, raising temperature to 70-80°C. Also provided are methods of making such compounds and pharmaceutical compositions. Entitlements may be determined, where the entitlements define whether the content is permitted to be viewed by the portable device, where the entitlements are determined based at least on the indication of the location of the portable device and based on blackout restrictions applicable to the content.

1459825818-d2f405ae-940c-48bf-b5bb-ef2063137580

A connecting device with a low height comprises a connector part, and a set of metal terminals. The fastener is configured for use with an associated threaded opening. Each rail has at least one wall with a first end and a second end. The inorganic or organic hydrogenous scintillating layer is further configured to emit at least one capture photon in response to the at least one gamma ray from the neutron capture layer.

1459825818-de88925d-4d54-44a0-bc50-0b70b791fe6d

Progress monitoring of lesions is done automatically by segmentation and

registration of lesions in multi-phase medical images. The sucking jet pump has a driving nozzle. The conductive plug is disposed in the hole, and the conductive plug having an upper part protruding from the side, wherein the upper part has a top part and a bottom part, and the top part is finer than the bottom part. In some embodiments, the reagentconjugate zone is also located upstream of the sample application zone. It is configured in such a manner that, in case that a document cover 6 was opened to an apparatus main body 1 in the vertically placed condition,&lt; d of a step 58a)is realized.

1459825818-f56ea189-7519-4621-aac2-0cb78a8fc200

A remote controller for use with cable or satellite provided TV program signals in which an original over the air TV stations real channel assignment may be instead translated to a virtual channel by the cable or satellite service provider. The method includes creating a template of presence parameters for an application, storing the template, a presence access layer retrieving the template, the presence access layer using the template to create a profile of at least one presence parameter for the application, and the presence access layer using the profile to specify a presence-related action for the application. The adjustment algorithm is recursively executed until parameter convergence effects a minimal error measurement, at which time the updated parameters are identified as accurate within the selected parametric model. Pieces of appearance information of the individual words contained in the query are counted. The two reflection mirrors are arranged further beyond the non-gain sections.

1459825819-8123b137-f883-4e46-9e68-47197b5aacb2

A cap lamp system features a battery pack, a cap lamp housing containing a cap lamp bulb and a power cord connected between the battery pack and the cap lamp housing. Firstly, a plurality of isolation layers, which are spaced and parallel to each other are formed in the substrate. One end of the second pivoting member is fixed with a base and the other end crosses through the second hole and is then fastened with the second fastening member. The trace layer includes a plurality of conductive traces, each conductive trace having a curved section that terminates in a trace termination pad.

1459825819-97f51f4b-f72e-4f33-ba1b-58f97a81a053

A gated nanoscale switch operates as a resonant tunneling device. The locating slot is in communication with the receiving slot which is in turn in communication with the faucet connector via a water channel of the rotary member. For example, an operating system within an appropriate computing environment is permitted to determine if an application is authorized to access protected content.

1459825819-be7bd9db-a798-4393-90e4-3974f11bffa7

The invention relates to an electrically driven device for the angular adjustment of a shaft relative to its drive, said device comprising an eccentric gearing that comprises at least one internally geared wheel and one spur gear that meshes with the internally geared wheel and can be driven by an electrically rotatable eccentric shaft. In an embodiment, the weighted reflectors are variable while in another embodiment the reflector gratings are apodized. The electrode group is formed by rolling up a positive electrode, a negative electrode, and a separator. A coin cell battery is arranged between the battery clip and the second battery contact. The silicide layers contain a silicidation-suppressive metal, and have a concentration profile of the silicidation-suppressive metal over a region of the silicide layers ranging from the surface to a predetermined depth, such as increasing the concentration from the surface of each silicide layer in the depth-wise direction of the semiconductor substrate. Generating the family of symmetric encryption keys can involve cryptographically hashing the original symmetric encryption key and resulting hashed encryption keys.

1459825819-c8aaafc8d-f522-4688-b9e8-a167cb3462aa



Sliding-type bearings are locally welded along only edge regions of the backing to the components in which they are installed. In a preferred embodiment, the composition comprises trans-1,2-dichloroethylene, methylal, methyl nonafluorobutyl ether, ethyl nonafluoroisobutyl ether and carbon dioxide. The one or more selected vector terms are displayed to the one or more users participating in the instant messaging conversation.

1459825819-e11bd386-9f6b-4add-898e-8d8b54aa3076

Methods are provided for automatic setting of parameters for contrast agent quantification. The method also includes accessing an ingress packet belonging to the flow, performing a lookup of the at least one queue associated with the flow, and enqueueing data of the ingress packet to the at least one queue associated with the flow. The tip may be machined from stock as a unitary piece, to increase its lifetime, and may be formed with a bore of a relatively large diameter that is tapered down to a smaller diameter near the tip opening, to allow for delivery of fluid through the tip body at a decreased pressure. It resolves the difficulties of the first steps of placement of bags end reduces the time spent on carrying out maintenance, bringing benefits both due to its lower cost and the less time of exposure to an uncomfortable body position for its users. The fastening element fastens the circuit board and the non-metal conductive cushion to the housing. The yoga towel has an edge made of sailcloth.

1459825820-38569922-a21d-409f-b312-31285cb6e5e5

Disclosed is a natural sunscreen composition comprising extracts of Hedychium spicatum and/or Alpinia galanga containing active sunscreen agents, the sunscreen composition devised to protect the skin from the harmful effects of short wavelength UV B rays and long wavelength UV A rays. The optical waveguide device includes: a thin substrate which has an electro-optical effect and thickness of 10  $\mu\text{m}$  or less, and in which an optical waveguide is formed; and a supporting substrate that is adhered to the thin substrate through an adhesion layer. A fixed voltage conversion and the variable conversion can be balanced according to the actual battery voltage.

1459825820-47dcf716-a417-4fc5-90a5-09f00172dc3d

The utilization amount of steam generated by heat recovery tends to decrease in a production process of an organic acid when the concentration of an organic acid solution obtained in a step of collecting an organic acid with a solvent such as water becomes high. Owing to enhanced bonding between the dielectric layer and the circuit board, electrical performance of the circuit board structure is improved, and the demand for fine circuits is met. A file format profile editor allows a user to formally describe the formatting actions to be performed for a given file format profile. Fluid pressure in a chamber behind the lap wall is used to move the lap wall and the polishing fabric against the lens surface. The cache blocks are indexed by their physical disk identifier to improve the cache hit ratio and cache utilization. In another configuration, the locating system may send a sequence of audible tones to activate the audible tone generator, thereby enabling a set of keys on a key ring to be located.

1459825820-76e949c8-7cfc-4810-b192-ebd719af9442

An apparatus is provided for concurrently detecting a plurality of physical quantities to be detected. The stage assembly includes one or more features that can isolate the device holder 24 and the device from deformation. A flexible rack gear is then used to rapidly rotate the flywheel. The patterned structure layer is disposed on the substrate in the non-light-emitting region.

1459825820-91f3e3b1-3f82-4809-a4ec-3bf787f72d8c

A communication system has a communication infrastructure including at least two devices from the group including a cell tower, a first satellite constellation and a second satellite constellation, a stratospheric platform, that are coupled to

user terminals through a plurality of dynamic links. An emitter and a detector are disposed on the frame. A pair of opposing jaws are positioned within the housing and on opposite sides of the pipe passage and have a generally symmetrical configuration with respect to one another. The volume of the accumulator can vary according to the pressurized air requirement of the particular manifold, or the overall pneumatic system. The present invention furthermore relates to a garment, preferably for use when nursing, produced by the aforementioned method. The transmission directivity controller directs, based on the feedback information and control information, the directional beam toward the first radio terminal and the foregoing null points toward the second radio terminal.

1459825821-5e57d9d6-071c-4134-9f09-5c5c42527669

A method of generating a data block for performing a polling procedure in a wireless communication system, a method of transmitting data and a method of performing a polling procedure are disclosed. under a standard pressure of 101. An indicia of a second time based stream of information is displayed at the source media. The present invention also pertains to processes for the preparation of certain of the photopolymerizable colorant compounds. Fresh etchant is poured into the etch bath chamber prior to a subsequent etch cycle.

1459825821-640116cb-2bc6-46c7-bb2c-1241b88749df

A therapeutic composition comprising at least one antigen or at least one in vivo generator of a compound comprising an amino acid sequence and at least one adjuvant comprising at least one pharmaceutically acceptable and water-soluble salt of an organic anion and a metal cation. The system and process of the present invention can produce very high purity argon, i. The machine provides torsional resistance with precise positional control throughout the swing motion and does so equally for right and left handed swings. The control player selects players that reproduce respective channels using information of the channels forming the multi-sound channel contents. The shaft is threaded and rotated by motor, opposing ends of the threaded shaft being supported for rotation in first and second journals fixed within the support tube and the rod, respectively. The overvoltage preventer is arranged in the proximal part of the insulator so as to be positioned outside the metal shell and farther than the metal shell from the spark gap.

1459825821-7f2db9c8-1d07-4482-88da-775720170f46

A disposable cellulosic wiper includes a percentage by weight of pulp-derived papermaking fibers, and a percentage by weight of regenerated independent cellulosic microfibers having a number average diameter of less than about 2 microns and a characteristic Canadian Standard Freeness value of less than 175 ml. The first and second diodes are adapted to selectively switch on and off to provide a differential output signal at first and second differential output nodes in response to the differential input signal. A flexible distributed computer system of high expansibility while guaranteeing application of the maintenance data to the correct directory is thereby provided. In another example, the carrier deferral signal is used when a PHY is switching link rates.

1459825822-1c591920-4f0e-4ebd-914c-25988b7606bf

Recovery of ethanol from a crude ethanol product obtained from the hydrogenation of acetic acid by hydrolyzing a portion of the crude ethanol product or one or more derivative streams obtained therefrom. In the method of generating spin waves, strong spin waves are generated by supplying various shapes of energies to a magnetic material in which a magnetic vortex and magnetic antivortex spin structures exist separately or together. Embodiments determine that the first switch module is not a destination of the packet, based on the ordered listing of Ethernet link identifiers. The movement of the hard surface across the surface of the retention tab produces a textured surface on the retention tab. Each adjustable portion includes a pivotable portion and a connecting body. To simplify the production method and make it cheaper, the upper piston part is forged using the

method of semi-hot forming, to finish it to such an extent that further processing of the combustion bowl and of the upper cooling channel regions can be eliminated.

1459825822-6fa612ba-5b64-444c-8d57-dc03773c67a3

The invention features polymeric biomaterials formed by nucleophilic addition reactions to conjugated unsaturated groups. Optional additional components include extension headband strips for further size enlargement, a crown, side flaps and a chin strap, all of which can be detachably secured to the front and rear portions by VELCRO fasteners. When the valve arrangement fails, the first pressure control arrangement operates to control a pressure of heated air supplied into the first temperature area such that the first specified temperature for the first temperature zone is achieved. After entries are looked up from the look up table according to the image along a first line in the first direction on a first point of the points, the entries are combined to generate one of the first signals for the first point.

1459825822-93445843-4b3c-4383-b71a-542f52f7a3b0

A rotary control valve is provided. The first server may generate the first schedule and the second server may generate the second schedule based on information stored by the shared list of timeslots. The supporting body is composed of a first part comprising the pump connection piece and of at least a second part, both parts being movably linked to each other through a hinge section so that the at least second part can be positioned angularly in relation to the first part, along with the filtration material, and the first and the at least second parts being initially aligned in a same plane. Magnetic tunnel junction patterns are connected to the bottom electrodes, respectively, and are spaced apart from one another in the one direction as much as a second distance. The CPU corrects the detected detection patterns based on the detected quantity of reflection light.

1459825822-c9b57185-6bc8-43c1-9a4d-467ba4ef8d03

Systems and methods for allocating resources, such as contact center agents, computer servers and recorders, among geographically distributed sites are provided. The high molecular weight ion conductor comprises an ion conducting compound and an electrolytic salt, and the ion conducting compound is a non-crystalline fluorine-containing polyether compound having a fluorine-containing group in its side chain and a unit dissolving an electrolyte, or a crosslinked product thereof. The composition combines the advantages of an antimicrobial agent and an alcohol, and has a viscosity of from 100 cp to 1,000.

1459825823-3064e6d2-d20c-48d1-b2b9-03adc898d036

A system and method is provided for conserving electrical power in a telecommunications facility containing a plurality of like electrically powered hardware resources for transporting call traffic through the facility. The liquid droplet can be distilled water and the first surface can be a ribbon of translucent material. The transmittance of the dielectric translector can vary from approximately 5% to approximately 95% by simply adjusting the individual dielectric layer thickness and the arrangement of layers.

1459825823-33cb1dac-52ae-4f1e-a6fa-159f4c0ba6cc

A method and apparatus for forming a stack of composite layers into a desired shape is present. The method also includes receiving an indication of approval to change the level of access to the functionality of the platform to a second level of access, and setting the platform to the second level of access to the functionality of the platform in response to receipt of the indication of approval. An output power connector on the rotatable member can couple to an electrical cord at least partially wound about the rotatable member. The effective molecular sieves have an intermediate range of Si/Al ratios between about 2 and 20 and preferably between 3 and 10.

1459825823-6ad993dd-e19c-4ae0-aaad-3cd1a013c917

The bumper system for a vehicle body includes a vehicle body bumper beam of a hollow construction with an impact buffer member arranged in the front side. Sliced bread is conveyed in a standing state by a sliced bread feed-in conveyor to be fed in a first supply path conveying the sliced bread of one pound in the standing state, or in a second supply path conveying the sliced bread of a half pound in the standing state. The plurality of data segments include multiplexed data fragments from at least one of a plurality of virtual channels. Methods and apparatus for forming nitrogen doped silicon carbide films, for example, for use as etch stop layers are described. The recording information management area may further include a recording condition information area storing information representing a condition of the test recording the portion of the first test recording area has undergone and information representing a condition of the test recording the portion of the second test recording area has undergone.

1459825823-7c6eefaa-b6e4-4e6c-8c43-3ace47a72455

An actuator includes a piston within a cylinder, the cylinder having a first fluid port in communication with an open side of the piston, and a second fluid port in communication with a shaft side of the piston. An address book containing a receiver and a plurality of transmission methods for transmitting document data to the receiver is generated. The method, system, and computer program product may determine whether a first processing element has additional processing capacity.

1459825823-b5e2d8b7-2234-4563-8ac8-ba52cafcf878

A device for controlling fuel pressure and delivery as necessary for the operation of the servovalves of an aircraft engine is disposed downstream of a fuel injector feed unit of the engine. The signal processing circuit outputs the image recorded to the image recording section to a monitor when the magnification converting lens is inserted onto an optical axis L. Upon insertion of a refueling nozzle, a cam surface on sliding element causes the element to move to a position aligning the opening with the bulkhead aperture permitting the nozzle to be further inserted through the bulkhead.

1459825823-c2ec4117-bd73-4399-9076-636309d1610f

A hybrid reactive power compensation device comprises a passive type reactive power compensator and an active type reactive power compensator serially connected thereto. The entire array of package sites is covered by an encapsulant. Further, the fingerprint information and the like temporarily stored for this collation is deleted on completion of the use of the scanner, so that fingerprint information regarded as important personal information is stored only for a limited duration.

1459825823-d5c65842-527e-459d-83db-1e1c3a5eb7d6

A closure for a container includes a base having a first end configured for mounting on a container and a second end enclosed by a top portion. The instructions include normal instructions, which are executed if the guard indicator is true and branch instructions, which are executed if the guard indicator is false. If a load current value is lower than a threshold value then a capacitor current of a phase terminal capacitor is utilized to determine redundant states else a load current direction is utilized to determine the redundant states.

1459825824-5c253cae-0f3d-4998-8edd-e2fcea7733d5

A delivery device for a catheter-sheath assembly includes an outer shaft having proximal and distal ends, an inner shaft having proximal and distal ends, and a rigid inner member disposed within the inner shaft. The switch-equipped buckle device has, inside a buckle body, a slide switch that detects a state of attachment of the tongue plate according to the sliding position of an ejector. The fuel supplied to a negative electrode can be instantaneously changed over according to the temperature of the power generation cell. A first communications device determines trustworthiness of a received message from a second device, which is not

a member of the first set of devices, based on information received from a third device which is a member of the first set of devices. When the top cover is closed relatively to the frame, the set of driving gears interferes with the power unit, and the power unit provides a power to enable the set of driving gears to rotate, so as to drive the set of gear chains. In the preferred embodiment, an audio producing circuit is automatically activated simultaneously with the automatic movement of the display member from its two-dimensional configuration into its three-dimensional configuration.

1459825824-71f56e37-2d3a-4da2-b9c5-71d9a341da51

In the method of recognizing fraudulent emergency calls from a mobile station, a mobile station originating an emergency call is identified based on a mobile equipment identity received from the mobile station. A circumferential bead with holes, into which a closing plug on the gas mask can be inserted, is provided on the feed tube. A caller places a call to telephone number associated with the media gateway, and a real-time packet media session is established between the media gateway and the distributed service node. Each of the lamps is composed of a light emitting element. The media player can have an associated download manager that selects an appropriate one of the pointers to retrieve the content depending on which of one or more download by applications resides on a computer system.

1459825824-f8ec43a2-971a-41c1-9dc5-21a1029f395f

Stream data is structured including data tuples as a query process target and a recovery point tuple for indicating a position of the data tuples in the stream data. Further provided are pesticidal *Bacillus megaterium* strains. This high-purity hafnium has a purity 6N or higher except Zr and gas components, wherein Fe, Cr and Ni are respectively 0. The other LDQM pin and the UDQM pin are enabled. This invention further provides a method for the high throughput screening of compounds that inhibit cytochrome c synthesis.

1459825825-539efe0a-ab02-4ce6-b0b0-1664c7bd773b

An air filter unit for a carburetor of a portable handheld work apparatus includes a filter element and at least one clean air channel arranged between the filter element and the carburetor. The plug-in sensor has a plug part that is able to be mounted in the flowing fluid medium, in a specified alignment to the main flow direction. A cylindrical chamber in the rotatable cylinder receives a cartridge. A first divided electrode and a first external electrode are connected together by a plurality of side electrodes. As a result, a current flows between the first and second contact regions in the electrically conducting region.

1459825825-a156ba13-14ac-4517-9c8f-466dff053fc3

A system according to the invention for mounting multiple media drives includes a housing and multiple modules that are insertable into and removable from the housing. difficile toxin-neutralizing polyclonal immune globulin, C. The diffusion weighted signals are sampled to obtain at least one set of resampled diffusion weighted signals. The vessels are respectively mounted in the seats of the driving assembly. In one embodiment, accuracy may be increased by utilizing a center reference point marked by a center marking piece. The gate includes a doped metal nitride film, formed from a nitride of a first metal and doped with a second metal which is different from the first metal, and a conductive polysilicon layer formed on the doped metal nitride film.

1459825825-ff40dd0f-9c54-48ac-b405-8271928e72b4

A radio-frequency receiver includes a receiver analog circuitry and a receiver digital circuitry. Accordingly, there are provided a non-volatile semiconductor memory device which suffers almost no deterioration in the properties and can perform the operation of recording of 2 bits per unit memory device even when the size of the semiconductor memory device in the semiconductor substrate is scaled down, and a process for fabricating the non-volatile semiconductor memory device.

However, when an equilibrium position of one of the two resilient members is adjusted for a given mechanism, a different output force will result. One embodiment includes a fragmented arrangement of multiple partial image carriers where the partial image carriers may be constructed from two-dimensional flat plates or three-dimensional solid objects or a combination of both. The foundation can then be finished in a conventional fashion. At least one clamp disposed within the interior cavity including a body portion and a jaw portion.

1459825826-2d08d843-8e4a-4d0f-b5fe-9645585bf7b1

The invention provides a method and apparatus for micro array fabrication exclusive from the impact of a gas. Secure codes can be utilized to regulate reception of, and/or acceptance or rejection of, the movement authority. The amplitude path contains a compensation circuit for matching the amplitude of the second output signal to the amplitude of the first output signal. The systems for analysis may involve the assignment of well-ordered values to some events in a fault tree, and then the combination those values through the application of specialized, defined gates.

1459825826-54915c0d-f8a9-4766-a693-9ee95108a252

A method of manufacturing metal nanoparticles by mixing a metal precursor with a solvent to prepare a mixed solution, and radiating the mixed solution with an ion beam to reduce the metal precursor and produce the metal nanoparticles. The class is exemplified by HG peptides such as HG-1, which is isolated from the venom-producing cells of the tarantula *Hysteroecrates gigas*. The electrical insulating layer is formed on the strain generating part.

1459825826-bda140cf-01be-4f30-8963-8ef73736c56e

Apparatus for localizing production errors in a photovoltaic element which is formed substantially by a semiconductor substrate in the form of a wafer, on opposite main surfaces of which are arranged electrical conductors for transporting electrical charge carriers. The water receiver is detachable from the body case. A partition divides the upper portion of the housing from the lower portion and flow interrupters are disposed in the upper portion for interrupting thermal boundary layer to enhance thermal heat transfer to the flow of liquid coolant through the coolant passage of the upper portion in response to heat transferred by an electronic device to the lower portion of the housing. Electrically activated actuators apply a force onto pressures plates. The capping layer may be formed by reactive sputtering in an oxygen environment, by non-reactive sputtering wherein the materials are sputtered directly from the respective oxide targets, by non-reactive sputtering of the metallic layer followed by full or partial oxidation, or the like), by atomic level deposition, or the like. In addition, the apparatus may also include a pivoting pressure application member handle to assist the user in applying or removing pressure to the workpiece.

1459825826-d8f410bf-3105-4777-a18a-db73a8152e13

An apparatus for driving a lens in a camera includes a lens module installed in a reciprocating and sliding manner in an inside of a lens barrel, a lead screw installed on the lens barrel, for being rotated by a driving motor, and a power transferring member assembled on the lens module and equipped with a tooth-shaped part that corresponds to a tooth shape of the lead screw. The apparatus further comprises a developer supplying roller, and a developer accommodating portion accommodating the developer. The method also includes providing a wind velocity, a ground velocity, and a geometric altitude to the data processing device. The gusset reinforces the junction of the shank with the head, supports the toe of the head, and distributes the force of a load on the head through a longitudinal axis of the shank, preventing the toe from bending or yielding and prevents the shank from yielding to the stresses of the load applied. The isolation layer pattern is formed in the trench.

1459825826-da623982-f237-4946-9ff0-aebd575f9bac

A BiCMOS electrostatic discharge protecting circuit is triggered by a bipolar junction transistor for achieving ESD protection. A snoop filter device is associated with each processing unit and includes at least one snoop filter primitive implementing filtering method based on usage of stream registers sets and associated stream register comparison logic. Instead of storing the segment in the communication device, the offset selector application typically stores only offsets in respect to the media file, and the offsets are used in combination with the media file to provide the alert notification. The pivotal doors are spaced apart the distance of a vertical chain-link in the static position and are pivotally spread apart to permit movement of the chain in one direction in the dynamic position. Additionally, the metal protective section includes a plurality of substantially aligned elongated bars horizontally segmenting the metal protective section.

1459825827-0c44aa40-0cfc-408e-87bf-fa8b50d16ac3

A liquid crystal composition is provided that has a wide temperature range of a nematic phase, has a suitable optical anisotropy, has a large negative dielectric anisotropy and has a large specific resistance, and a liquid crystal composition is provided that can increase an optical anisotropy and has a low minimum temperature of a nematic phase, preferably  $\geq 220^{\circ}\text{C}$ . The cladding portions written by the high-energy pulses circumscribe unexposed core portions for defining light-guiding pathways in the bulk glass. A rotary-arm actuator mounted to the body includes an oscillating motor and shaft.

1459825827-27a3874b-bc06-4c65-a38e-73773cd405c6

Apparatus and method of making an ink-jet-ink-derived material image on a receiver. The separation increases tolerance to misalignment and simplifies the fabrication of the MUXes. Because the programmable memory elements are non-volatile, the desired replacement configuration is not lost during shipping, or if power is lost in a system. Sequences of characters are mapped to substitution indexes, and the sequences of characters in the words are replaced with the substitution indexes.

1459825827-513f89dc-d2c5-4f81-8d81-f8e3c45ca28a

A system and method for modeling of complete tooth, including root and crown, of a patient to facilitate orthodontic treatment are provided, wherein a generic tooth modeling is combined with a tooth crown modeling for a patient to yield a complete tooth modeling. According to the present invention, a fumigant in an ampule or container is inserted into the wooden structure. The intermediate transfer members may hold one image, or they may be 2-up or greater rollers that hold multiple images. The dosage forms and methods provided are useful in administering Methylphenidate and pharmaceutically acceptable salts thereof, which generally require one or more doses throughout the day. The steps include determining a value for the tape thickness, determining a value for the tape length, and logically linking the value for the tape thickness and the value for the tape length to one another, to ascertain the cassette type.

1459825827-8cde1b8e-b6cb-4af9-a50e-a702ce4dd098

A seed carrier includes a main hopper coupled with a frame via leg members. The present invention provides a cleansing cosmetic composition comprising 1 to 15% by mass of silicone oil, 1 to 15% by mass of volatile hydrocarbon oil, 5 to 20% by mass of dihydric glycol, 5 to 40% by mass of polyoxyethylene glyceryl fatty acid ester, and 15 to 88% by mass of water, wherein the weight ratio between the silicone oil and the volatile hydrocarbon oil ) falls within the range of 0. Upper and lower cross-connections are crossly and respectively connected to the corresponding second ends of the first and second semi-circular conductive traces.

1459825827-c43fb7b3-711c-49f5-ac47-4458473ff68f

A battery mounting structure for a vehicle includes a battery frame upper

fabricated of fiber-reinforced resin, a battery frame lower fabricated of fiber-reinforced resin, and an intermediate member fabricated of fiber-reinforced resin. The images are transformed into a series of space-time representations of the image data. At such time, if working ICC profile is set which is different from ICC profile previously embedded in such photo image file, color perceptual matching is carried out on the photo image data thereof based on such embedded ICC profile and working ICC profile when such photo image file is opened. The service information associated with at least one network service is obtained using the at least one base protocol message.

1459825827-e01fe732-18dc-4238-8d47-711250d18e79

An approach for managing licenses for software installations on virtual machine instances in a networked computing environment is provided. The method includes providing the plurality of wizards organized into groups; providing a launch button on a launch pad, wherein the launch button is associated with at least one wizard, wherein selection of the launch button executes the at least one wizard; providing information pertaining to the at least one wizard when a pointer is positioned over the launch button. In some embodiments, search terms can be distinctly, visually highlighted on a page, such as a web page, to allow the user to easily identify words that have been found through the search.

1459825828-2594b1ce-1c10-45fc-9b4c-a917fddf95ea

The invention relates to a plug-in battery pack for an electric tool, comprising a mechanical coding of a coding system, which co-operates with a mechanical counter-coding of the coding system that is assigned to the electric tool, the coding extending in the plug-in direction of the battery pack. The techniques of the present invention commence when the bar code scanner is placed in a position such that the scanner's object detection mechanism repeatedly detects a background object such as a counter top or conveyer belt. The distance between circumferentially adjacent curved members may decrease in a radially outward flow direction. The latch and hinge beams may further comprise slider tracks configured to slidably attach to a translating sleeve of the thrust reverser. Eight embodiments of the transmission having different arrangements of the planetary gear sets, clutches and brakes are disclosed.

1459825828-26aa78c6-3384-42ec-bc2d-4d970e91e9d1

An exhaust gas purification catalyst is provided with a catalyst coating layer formed on the surface of a substrate. The ferroelectric liquid crystal display supplies red, green and blue data signals to each of the liquid crystal cells and is in a stand-by state during a responding period of liquid crystal, and then sequentially generates red, green and blue lights corresponding to each of the red, green and blue data signals. While the series power supply supplies power, operation of the DCDC converter is stopped. The tool can be used with existing RFbi-polar cautery generators.

1459825828-89459a11-77a7-4173-8887-7a92eb98ea21

The present invention provides flip-chip packaging for optically interactive devices such as image sensors and methods of assembly. Electronic and hydraulic components are provided, including trim valve systems that are multiplexed by a shift valve and a manual valve. The movable table carries thereon a rotary positioner for rotating and positioning a stacked head assembly, which is formed of a large number of magnetic heads stacked in layers, and a plurality of ramps for loading into and unloading the magnetic heads from the magnetic disks. This allows a user to view and assign searchable metadata and to retrieve computer information that matches selected metadata. Gain control is used to limit incoming signal magnitude to a specified range of magnitudes. Other important monitors may be included for one or more of the following: hardness; turbidity; alkalinity; conductivity and nitrates.



1459825828-e4f8bc5e-795c-4059-bcb3-847b0207ebad

A structure of universal coffee maker comprising a water tank, a water pump, a heating element and an extractor, which is provided with at least one one-way water way communicating with the above components in turn, wherein said water pump is connected to a controller which can set the pumping power of the water pump. Objects retrieved from the network by a server are stored within a cache associated with the server and selected objects are designated as temporarily exempt from replacement based upon a preselected criterion, such as size or mandated quality of service for the client which requested the object. In particular, the actuation can be changed due to the variable stiffness nature of the materials.

1459825829-123c7ee1-9fb1-4660-a1e7-8424ebc1becd

The present invention is directed to use of -\u03b1--1-2-ethyl-4-piperidinemethanol or its prodrug depicted as Formula II, wherein R is C1-20alkyl, in treating patients for behavioral or psychological symptoms associated with Alzheimer's disease, Lewy body dementia or Parkinson's disease. The aileron pivots on an axle disposed horizontally through the central axis of the aileron. Other aspects of the invention rely on promoterreporter constructs using RANK responsive promoters derived from the MMP-9 and TRAP genes. The routers may encapsulate the packets into raw datagrams for transport across intervening subnets. Upon selection, such local magnification may provide pixel loss and color corrections in addition to local magnification.

1459825829-27cc5af9-9d99-48dd-b773-caab029acb57

A liquid jet head includes a passage-forming substrate composed of a crystal substrate provided with pressure-generating chambers communicating with nozzle orifices and piezoelectric elements disposed on the passage-forming substrate and each composed of a lower electrode, a piezoelectric material layer, and an upper electrode to cause a change of pressure in the pressure-generating chamber. Preferred electrolytes are acid electrolytes, and most preferably comprise methane sulfonic acid, and it is further contemplated that suitable electrolytes may include at least two lanthanides. A ground side controller calculates a position of the stacker crane and a position of the lift table based on distance data derived by the travel distance-measuring unit and the lift distance-measuring unit. An activated nitrogen source introduces activated nitrogen into the growth chamber and directs the activated nitrogen towards the substrate.

1459825829-b8d04226-e746-43e8-ab36-521de02c331f

An organometallic luminescent material including the compound of formula emits pure green light and has a high thermal stability: . The universal hosel can include multiple steps or ledges, and various inner diameters to accommodate different sized shafts. The overall wireless data communication network results in reduced power consumption and signal interference in asset-tracking applications. While operating in a second \u201cnon-instant on\u201d mode, the dual form computing device operates substantially like a laptop computer. If the command data is a command for updating the settings data, the corresponding settings data in the nonvolatile memory 109 is updated and at an appropriate backup time the updated settings data is copied to a nonvolatile memory 135 in the interface device 131.

1459825830-54b4cbf7-014d-41c9-b62f-3e5af532ca00

A generic mechanism and model are provided to capture and store configuration profiles for resource monitors such that monitors can be flexibly deployed, configured, modified, and removed using appropriate sets of parameters and values. The machine has a slicing blade, and advancing apparatus operable to engage one end of a food product to be sliced and, on an advancing stroke, push the food product towards the slicing blade for slicing of the other end of the product. Addresses of data can be passed from the network driver to the filter graph driver, which allows the filter graph driver to communicate with a filter graph manager as necessary to configure the filter graph space to obtain data from the requested address. Such an

electron emitter is advantageously used in gas discharge devices to increase the energy efficiency thereof. The drive force transmission mechanism includes a worm shaft coupled to the drive shaft of the clutch actuator, a first solid of revolution including a worm wheel portion which engages the worm shaft, a second solid of revolution which engages a gear portion of the first solid of revolution, and a ball cam.

1459825830-704bcaac-fbde-4626-906c-64f68b808857

A hybrid QoS access method for a wireless station, such as a power-save VoIP station, where a first method, such as reverse polling is used on a lightly loaded channel and a second method, e. The method includes obtaining raw fish material and verifying the quality of the fish material. The injected signal is extracted at the output of the switching fabric via an N:1 switch and analyzed by a signal analyzer to verify input to output connections. The second cover includes a first connecting member. When the plate is moved to drive the adjusting rod to move backwards, a space is formed for receiving falling seeds.

1459825830-ae42c76c-f2cd-4f2b-bb6d-87fa08bcfb99

Energy output from a laser-produced plasma extreme ultraviolet light system varies based on how well the laser beam is focused on droplets of target material to generate plasma at a primary focal spot. The method includes receiving criteria, such as at least one predefined attribute. The first portion is associated with the processor and randomly generates a first bonus. The code phase signaling module is arranged to provide code phase time signaling representing the offset time of the synchronisation code from a reference time. As such, the volume of the administered dose is controlled by the stroke length, which, in turn, is a function of the dimensioning of the constant-diameter stroke portion and the dimensioning of the sealing member. An outbound call is generated from the call bridging system and the inbound and the outbound calls are bridged.

1459825831-521ed1d2-cd3f-412b-906d-446e1e5a6ef4

Semiconductor devices having three-dimensional bodies with modulated heights and methods to form such devices are described. In a next border zone coating stage, a border zone coating is formed by means of a rotary atomizing head type sprayer unit which is tilted with respect to a coating surface of the vehicle body and adapted to spray color B paint toward the vehicle body solely by centrifugal force. This reaction provides a route to many substituted hexafluoroisobutylenes, which copolymerize easily with other fluoro- and hydrocarbon monomers such as vinylidene fluoride and ethylene. Much more closely spaced LEDs operating at higher power levels and brightness are possible because the thermal energy is transported in an axial direction down the heat pipe and away from the light-emitting direction rather than a radial direction in nearly the same plane as the junction. A retaining means is provided to hold the sensor to the frame such that a connecting cable affixed to the sensor is secured and positioned by the void area for a subsequent imaging procedure. The case body is rotatable along an axis which is in alignment with the hinges.

1459825831-f14f8e6c-42b6-4bd8-82d4-cd9611ac717e

A conveyor assembly is described and which includes a reciprocally moveable and elongated conveyor bed; a drive assembly which imparts reciprocal motion to the elongated conveyor bed; and a controller for selectively energizing the drive assembly and which is operable to move a product deposited on the conveyor bed along a selectively adjustable path of travel. The mounting adaptor may be mounted with an embroidery frame. The subtraction remainder is multiplied by that output signal from the microphone system which also generates the denominator signal for the division. Relatively small bubbles contained in the opaque vitreous silica layer contribute to the thermal conductivity of a crucible at an initial pulling stage, and relatively large bubbles contained in the opaque vitreous silica layer are expanded through a long-term pulling process to thereby largely contribute to

the warmth retaining property of the crucible at a later pulling stage. The upper basket is separated from the lower basket so that cutlery in the upper basket is easily separated from the upper basket.

1459825832-d595692f-4864-4510-8955-10371986cb85

A gaming dice for a game, such as a board game or a card game, said gaming dice comprising a body part comprising a number of sides, wherein at least one or more of those sides isare provided with coupling studs. The annealing is performed by continuous annealing. Accordingly, when audit operations are performed for RIB budget increases, relevant transaction data is readily available in the RIB ledger. The pin housing bottom defines at least one pin stop aperture and a radially directed pin bore.

1459825832-e1ae5fd0-db36-454c-9e6e-199593300541

The example embodiment of the present invention provides an acoustic model adaptation method for enhancing recognition performance for a non-native speaker's speech. Also provided are compositions useful for these purposes. The rear window and the outer roof frame profiles, which are associated with the tail endroof segment, are placed in a folded position when the hood is open or unfolded from said position as a result of a movement in the same direction. Further, the banknotes are transferred onto an authentic check transfer path and an authentic cash transfer path to be separately stored in storage cassettes. A proxy uniform resource locator address may be provided by the local web app server that enables the device to access an out of security URL to perform a function associated with the application. The de-icer module is adjustable arranged on the bracket such that a position of the de-icer module is adjustable in relation to the bracket.

1459825833-4dd3abef-d020-448f-aa66-cd463b38d588

The present invention provides a communication system of a backscatter type, the communication system including: a reflector for transmitting data by a reflected wave formed by subjecting a non-modulated wave to a modulation process; and a reflected wave reader for reading the data from the modulated reflected wave signal from the reflector. The authentication circuit transmits a transmission key externally at the time of activation, and authenticates based on a reception signal and the transmission key, and enables access to the debug IF. The acquisition control portion causes the data acquisition portion to stop acquisition of the streaming data in response to the halt playback request, and causes the data acquisition portion to restart acquisition of the streaming data in response to a resume playback request. The elastic component has a securing end disposed on the mounting seat, and a restoring end opposite to the securing end and in sleeving engagement with the toggle button. Enhanced inverters are controllable either locally or remotely, wherein system status is readily determined, and operation of one or more sections of the system are readily controlled. For example, embodiments of the invention integrate SQL query builders across multiple application development interfaces, significantly improving developer productivity, reducing development cost and time.

1459825833-b04335bc-0039-4dcf-ac83-df67986d09d6

Video data exploitation by alteration of data is prevented. In this apparatus, a row determination block is coupled to receive input samples and configuration information and is configured to provide a row output for each of the input samples. The housing components are sealed, and the illumination source can be controlled by manipulation of the housing components or optionally by pressure on the exterior of the device. In some embodiments, the application communication protocol can be different from the accessory communication protocol. Validation circuitry is provided between the logic circuitry and the semiconductor switch that inhibits any uncontrolled switching of the semiconductor switch TR1 due to noise, such as lightning strike, appearing at the load. The compounds of formula are CX3CR1 receptor antagonists and are thereby particularly useful in the treatment or

prophylaxis of neurodegenerative disorders, demyelinating disease, cardio- and cerebrovascular atherosclerotic disorders, peripheral artery disease, rheumatoid arthritis, pulmonary diseases such as COPD, asthma or pain.

1459825833-d1100cd2-b434-4689-9b82-f00b2a140548

A cassette transfer apparatus includes a shuttle having four transfer openings through which cassettes are moved. Electromagnetic radiative energy including visible, and optionally, thermal, RF and/or microwave wavelengths, is topically applied to internal surfaces of the upper respiratory tract to destroy or incapacitate superficial microorganisms without the use of antibiotics. The second party may also designate the parties to whom the first party may submit purchase requests. The piezoelectric assembly in response to the control signal translates the second conductive surface to set a trip point of the switch. The clear barrier layer can include a layer of glass.

1459825834-03ea1b7b-0a28-440e-81c1-189c48284920

This invention provides a method of assembling a modular internal combustion engine. Additional washing steps, coupled with an elevated temperature, are used in the process to extensively wash the pulps and remove substantially all COD components remaining in the pulps. The disclosed apparatus can overcome these shortcomings. In these computers with an optional unit 14, the optional unit is detachably attached to the top of the display, or the optional unit is detachably attached to a portion of the display, the portion being at a side of the display when the lid is closed and being at a top of the display when the lid is opened. These supported PtO-nanoparticles show efficient catalytic activity for the selective reduction of chloronitrobenzenes. A given bobbin creel arm is provided with at least one intake or suction channel that is directed radially inwardly from the periphery of the centering plate and that opens into a hollow shaft guided outwardly through an associated arm.

1459825834-65853f89-2c12-428f-bbf3-f8116f8045e2

A navigational control system for an autonomous robot includes a transmitter subsystem having a stationary emitter for emitting at least one signal. A jogger system incorporates the structure for accomplishing the method. A difference frequency component is extracted by attenuating the fundamental frequency component of the echo signal.

1459825834-91016958-c87d-47c0-b770-326515339ba5

A data switch is proposed which can be operated such that it generates a MA table of MAC addresses of devices associated with some of its ports, but not the MAC addresses associated with one of the ports. The air supply organizer comprises a vertical tube that runs from the top of the aquarium, along the side of the aquarium to the bottom of the aquarium. The waveguide sections offer high polarization purity so that signal components remain separated to avoid mutual interference and low insertion loss to maintain system efficiency. The non-locking handle moves the plunger from the inactive position to the firing position to compress the spring, and is unable to lock the spring at the firing position.

1459825834-940344fc-6c40-4a45-92d6-0d1b1fdadce6

A system for orthogonal alignment of a specimen disclosed. It employs a combination of electronically controlled process steps and specific systems configurations to duplicate the effects of moving resin beds from one operating position to another as is required in moving bed ion exchange water purification systems. The natural cooling results from providing flow passages for air and water vapor pressure differentials between the parts of the hand, inside the protective glove and the cooler outside ambient conditions.

1459825834-bfdf79b1-e5e1-46f0-a4eb-abdd8f107c88

An ion implantation is disclosed that includes an ionization chamber having a

restricted outlet aperture and configured so that the gas or vapor in the ionization chamber is at a pressure substantially higher than the pressure within an extraction region into which the ions are to be extracted external to the ionization chamber. One system includes an interface, a dynamic grammar builder, and a speech processing engine. The GPS application calls for GPS aiding information from an Internet server via a TCPIP socket provided by a GPRS link supported by the wireless CPU. The electrical contact includes a common body section and first, second, and third contact beams that are arranged along the mating side and have respective contact bases coupled to the body section. The high density memory cell benefits from the simple standard processes common to logic processes, and in one embodiment requiring only one additional masking step. Hence, the network switch can perform layer 3 switching operations for connected subnetworks, enabling the router to be bypassed; moreover, the disabling of the learning bit for the router interface port ensures that the router traffic does not overwhelm the layer 2 and layer 3 address table within the network switch.

1459825835-064294db-61ae-4e82-8f76-b07442d04761

Laminates comprising at least two glass plies surrounding at least one interlayer having at least one bore extending through the laminate are produced by excluding the interlayer from the area surrounding the bore and positioning a load bearing insert around the bore. The method employs a phase angle compensation factor and sequentially samples a plurality of values of each of the waveforms. The weight body 12 has an engaging part 32. An objective measure of system performance is defined prior to implementation of the present methods.

1459825835-1e34e957-4018-4d2e-b47c-b809cd287d4a

A signal protocol assembly is adapted to bridge electronic communications across a plurality of communications platforms allowing a plurality of electronic devices to transfer data therebetween. The process may include directing the residual fluid flushed from the intermediate transfer line to a recycle stream to introduce the residual fluid into the adsorptive separation chamber. A virtual torque efficiency of the actuator is calculated based on the VALV and the VOFV. Then, the remaining buried oxide film except that immediately under the active-layer-side substrate is selectively etched. Segmentation is improved accordingly. The housing wall section has an inlet opening for admitting air into an inlet channel, an outlet opening for discharging a mixture of fragrance and air from an outlet channel, and a recess.

1459825835-6c913ea9-53b8-41e7-89f1-ef18f4a893bd

This invention obtains information required to quantitatively evaluate block distortion of an image on the basis of encoded data that utilizes the compression encoding technique for respective blocks. In one aspect, a method includes receiving a file to be stored across a plurality of storage nodes each including a cache. The filtered ratios including an air ratio and a copper ratio are modeled as nonlinear functions of the DC and AC voltages.

1459825835-a8b76913-48dd-4af5-a64b-64071036d295

A method and arrangement is provided to form a gas-tight joint between an end flange and a tubular rod. The contacts can be spaced apart from the wafer and the tips of the contacts closest to the wafer may have sharp points to aid in the establishment of corona at lower drive voltages. The housing is assembled by mechanically linking the circumferential edge portions of the upper and lower shells together. The antenna summer stores transmission signals received on the output bus.

1459825836-95340440-1ffe-4c92-b9bc-61060627f94a

This invention relates to novel non-motorized water sports devices which facilitate and improve the usage of tow-behind water sports devices. Femto nodes also enable Remote IP Access service, which allows the terminals to access the local area network from the Internet as if they were present in the local area networks.

Outputs of the first and second transfer circuits are sequentially output from a multiplex circuit. Multiple management ports may be provided, allowing patch panels to be connected to one another in a daisy-chain configuration.

1459825836-9c592916-a610-4905-bc97-3401b1677162

A crosslinked olefin elastomer foam has a specific gravity of 0. The automated image generation, delivery, and management system and method serves processed images over a network. The method includes a computing device issuing read requests and initiate delete requests to storage units regarding an unassigned task, wherein the initiate delete requests instruct the storage units to flag for deletion, but not execute deletion, of a set of encoded task slices corresponding to the unassigned task. A water reservoir is attached to the wrist portion. The seal assembly may extend between the first scroll member and the shell and may form a sealed discharge path between the first and second discharge passages.

1459825836-d682c590-fc70-4022-b5dc-90b7e8414be8

An immersion sensor for use with a cushion or mattress for determining the relative immersion of a person within the cushion or mattress including a sensor, a ground and a circuit for measuring capacitance. The glare shielding device includes a microprocessor for controlling an activation time and a driving time of a liquid crystal panel. A dopant is diffused through the opening so as to form a PN junction that extends into the first layer of intrinsic material.

1459825836-df1daad6-2aeb-4f80-98fe-fdbf62025dcf

An automated simulation method for determining the enhanced generation-recombination rate due to trap-to-band tunnelling in a semiconductor device using the Dirac coulombic tunnelling integral and to a simulator for carrying out the method are disclosed. Resonance-enhanced multiphoton ionization is used to generate volume ionization within an air-fuel flow and induce an ignition arc. A source code corresponding to the second tree-structured data is acquired from the storing unit. The modified measurement is used to determine a combined reach for the multiple resources. The bond pad-wiring pattern is formed substantially in a center region of the semiconductor substrate.

1459825837-138cb77f-6fd6-4886-af1c-8bb4ad73b1a6

A method and system for performing inserts and lookups in fully associative sections of memory is provided. Also described are methods of therapy for Alzheimer's disease using peptides that bind to the neurotrophin receptor and competitively inhibit the binding of -amyloid to the p75NTR. The first effective output torque constraint is bounded by both of the first long-term and short-term output torque constraints.

1459825837-313e6486-acae-479f-a5b7-754d96a04761

Exhaust outlet equipment provided at a downstream end portion of an exhaust passage of a propulsion engine in a flow of an exhaust gas, wherein the engine is mounted in a small watercraft propelled by a water jet pump. One or more solar panels is supported by a rack having an end pivotally attachable to the forward leg. The steering assembly which includes an elongated force transmitter operatively coupled to a steering device.

1459825837-9b053a54-c903-4330-b6bc-624706afb762

A portable computerized device useful within a network and adapted to provide communication security. The front end of the controller contains a sense amplifier, having an input coupled via a current feedback resistor to a common output node of the converter. The terminal schedules an uplink resource including selecting frequency bands for an uplink signal by referring to the uplink control information. The convex members of the surface fasteners are sheets provided with many engaging members of convex shape such as hooked or mushroom shaped, or the like. Additionally, a computer system utilizing a connector hold-down and a method

utilizing a connector hold-down are disclosed. The shape of a streamline cross section may have an obtuse-angle or acute-angle upstream part.

1459825837-a7d779ec-5457-4b1e-a5c9-43301f93d80f

Asymmetric finite impulse response filters are used to estimate gradients for re-sampling models used in image resizing. The webbing tack is configured to be temporarily tacked. Interlayers can be located between the core and the skin layers, wherein the interlayers include a residual compressive stress, and produce a reduced residual tensile stress in the core. These approaches do not require an over-the-air signaling and the COUNT value handling in the network is transparent to the mobile station.

1459825837-d90318a5-61f8-4788-81e7-42be398e0147

A novel soybean cultivar designated SJ743473 with high yield potential, tolerance to Roundup herbicide, late Group 3 maturity, and resistance to races 3 and 14 of Soybean Cyst Nematode, further including the plants and seeds of the cultivar SJ743473, and methods for producing a soybean plant by crossing the cultivar SJ743473 with itself or another soybean plant. proprietary inbred maize varieties. The encoderdecoder processes the motion vector based at least in part on the motion vector predictor computed for the motion vector. Responsive to the third signal, the exemplary system moves a relative position of the film with respect to the video camera, to generate a video signal.

1459825838-37020d48-2b37-4ef5-829b-49455bbc1acf

A container for holding cosmetics which has a base assembly, a cover member configured to engage the base assembly, and a receptacle retained by the base assembly. The cycle includes a frame having front and rear portions; a seat ; a front wheel rotatable about a primary axis and attached to a steering member ; a steering mechanism coupled to the steering member ; a rear wheel, rotatably attached to the rear frame portion ; a drive mechanism operatively coupled to the front and/or rear wheel; at least one footrest on the front wheel. Also described are many novel nickel compounds and their precursors, as well a novel ligands. In the simulation program structuring process, the sources are subjected to isolation of the hardware and software, while an evaluation function is created to count bus traffic of the bus interconnecting the hardware and software. The threshold value can be based on the mean and/or variance of features.

1459825838-763d67c3-3d15-4277-90fc-8a9dfd146f18

A potential sensor, includes a field effect transistor, a power supply and a switching device. The HBT includes an extrinsic base with one or more buried interstitial barrier layer. The network processing node switches back to outputting unsolicited grants when the endpoint resumes generation of audio packets. A dielectric layer is applied to the modules to form a workpiece. A second mark signal is detected by scanning the mark with a beam.

1459825838-ce670024-7996-46e9-bbc1-b12443bada3a

Systems and methods for providing a power signal to one or more implantable devices include a number of dynamic range amplifiers each having a multiplicity of output drivers. The forming step is preferably accomplished using one of a stamping process, a punching process, a roll-forming process and an embossing process. The method includes forming the conductive plug recessed in an insulative layer. A method of network topology verification in a link state protocol controlled Ethernet network checks the link state protocol database at a node to ascertain the control plane topology view of at least part of the network.

1459825839-03ebbc11-08b8-4bcc-bf3e-228b6b84a0c3

An electronic component storing package which generates a large quantity of heat during operation and an electronic apparatus storing such an electronic component are provided. ; and a cured product which is obtained by curing the composition. 8

to 8 mm, grinding the feed material in the grinding mill and removing a product from the grinding mill, the product having a particle size range such that D80 of the product is at least about 20 microns. The third switch can be operated to either of two positions to operate either one of two independent circuits or can be left in the center-off position not engaging either circuit. Particles in the adhesive can prevent the adhesive from squeezing out from between the cover and the standoff during attachment.

1459825839-58045225-79f0-40d6-bc65-2a2d5444868e

A multi-energy radiation detector may include an array substrate including a plurality of unit circuits, and/or a photoelectric conversion layer on the array substrate. The elevator system includes a number of elevators wherein first sensor members, second sensor members and additional sensor members are arranged in a waiting area of each elevator on each floor. To reduce variation in critical dimension width, an Anti-Reflective Layer is used. The mixing elements on the screw and the sleeve create multiple regions of reorientation in the material to be mixed which produce improved dispersive mixing. Also, the web server could be executed as a background task in the execution environment, the execution environment could represent a deterministic execution environment, and the application could represent a real-time application.

1459825839-5daa2683-33ce-47e0-95d1-22d07dfaeb2b

The present invention is directed to novel cyclopropanecarboxaldehyde compounds of the general formula wherein R is a straight, branched, or cyclic hydrocarbon moiety consisting of 1 to 30 carbon atoms and containing single and/or double bonds. The method comprises providing at least one communication path of the node with a capability by which lasing can occur in the communication path, and detecting whether lasing has been established in the communication path to determine whether the optical node is operational. The system further includes first program instructions to identify lines of text within the document that have equivalent length. The pole layer is disposed in a groove of a pole-layer-encasing layer made of a nonmagnetic insulating material, with a nonmagnetic conductive film provided between the encasing layer and the pole layer. After it is computed and composited, the buffer containing the result of the fragment program may be discarded. In addition, a process for coating surgical suture material is described which is characterized by the fact that the thread material is wetted with a homogeneous methanolic solution of octenidine dichloride and/or dequalinium chloride and subsequently the methanol is evaporated, a coating forming on the thread surface.

1459825840-01408941-d052-4cfc-9503-9d1619449c5f

An X-ray convergence element and an X-ray irradiation device including the X-ray convergence element are provided. The connectors incorporate electrically lossy material, selectively positioned to reduce crosstalk without undesirably attenuating signals. The plug member is provided with a slant outer surface which narrows upwards.

1459825840-1b9db6b5-c11b-43ce-becb-b1ee766d5218

A rotary piston machine 10 includes an enclosure 12 having a cavity 14 therein with arcuate side walls 16a,b,c defining a plurality of arcuate recesses 18a,b,c and a piston member 20 rotationally disposed in the cavity 14. The top plate includes an orifice. Additionally, telemetry features enable improved diagnostics and/or repair of communication systems, for example satellite communication systems. The method then calculates a score of the first power supply design and determines whether the score is better than the score of any power supply design included in a set of power supply designs.

1459825840-600a0006-f662-4669-aa3c-f5ba226bb52f

An electromagnetic switch includes an electromagnetic coil, a fixed core, a movable core, and a diode. The module may include an optical transmitter/receiver part, a



signal processing unit, a flexible PCB, and a rigid PCB. If the predetermined focused position and an image surface to be read are aligned with each other, then the scattered light from the light scattering pattern falls fully on the image surface without being wasted, so that a spatial light intensity distribution in an auxiliary scanning direction is uniformized. Players are allowed to bet tokens on an open betting line until it is closed by the administrator.

1459825840-797603ce-4417-4834-8394-2e8f0265bdca

A method and computer-readable medium are provided for storing files in an official file repository. A first barrier layer comprising sputtered titanium nitride is formed over a topographical structure situated upon a field oxide region within a semiconductor substrate. In response to the request, example embodiments may include fetching the first data and generating further data based on the first data. During a subsequent fine gain control period, the gain of a programmable gain amplifier is adjusted separately for each frequency band used by the OFDM symbols based on a histogram bin that counts the number of output samples of an analog to digital converter whose magnitude falls within certain ranges.

1459825841-0108765f-dccd-4483-9fd5-4dc51eca71b0

A method of hydroprocessing a heavy hydrocarbon feedstock using a hydroprocessing catalyst having specific properties making it effective in the hydroconversion of at least a portion of the heavy hydrocarbon feedstock to lighter hydrocarbons. The power supply switch circuit is comprised of two PMOS transistors whose gate terminals connect with two pull-up circuits. Using a processor within a smart card the received user authorization information is compared with user authorization information stored in memory of the smart card to produce a comparison result. The self-aligning bearing assembly includes a bearing member having a recess extending substantially parallel to the first axis, and a journal sleeve received in the recess and interposed between the shaft and the bearing member. Consequently, the device facilitates the debugging at early stages of system development, configures a prototype system, and contributes to the time reduction throughout the system development, prototype fabrication and large-scale production.

1459825841-0971c456-ceb2-490c-beb5-ad41de6d2663

A reformer exercise apparatus is disclosed that has a generally rectangular frame. An embodiment of the present invention comprises defining, in response to an AT command directed to the definition of a secondary Packet Data Protocol context, an EPS Service Data Flow on the basis of the secondary PDP context. The second side of the semiconductor components is in each case mounted on the metallic layer of the baseplate. A movable target or pendulum may provide an ability to sense the near space along a direction that the reflection detector is sensitive to. The system includes a subscription gateway configured for near real time transfer of the transcribed data over the communication network to the one or more mobile devices.

1459825841-3b311368-299f-4d17-84bd-d234dee54375

A system receives input data frames that are configured according to a SONET or an SDH standard. The first code group has a first symbol and an error detection code for the first symbol. A measuring wheel and electric eye for detecting the presence of the material are located on the table top. The interface may also represent the effectiveness of a user based on the actual or predicted sleep data in conjunction with an actual or predicted work schedule or pattern. The determination that a radio uplink channel power fade exists can be made in either the radio access network or the mobile station.

1459825841-5ffbbde5-ee0a-41e6-8daa-6d913d6ac054

The present invention is a vehicle traffic measurement system designed to accurately count and record the number of vehicles passing through a selected location, to more accurately determine and record the velocity at which the individual vehicles travel through that location, and to accurately determine and

record in which relative direction the vehicles are traveling as they pass that location. The apparatus also includes a controller that is connected to the reading mechanism. An authoring tool compares the buffered payload to an allowed payload for each window and selectively scales the losslessly encoded audio data, suitably the LSB portion, in the non-conforming windows to reduce the encoded payload, hence buffered payload. The access point is further capable of monitoring wireless network traffic to ascertain whether wireless network traffic has exceeded a threshold, and if so, releasing some client devices so that wireless network traffic no longer exceeds the threshold. The annular wheel space is formed between the first inner ring and a rotor wheel adjacent to the first inner ring. The comparison is then used to control a mix between the outputs of the two processes to produce an output signal.

1459825841-87b916ab-2f34-4391-9d9e-78aadd34f984

A dental impression tray is provided having a wall including at least one retaining element. The ball cord may be wound several turns around the pulley, in that oblong axial tracks have been provided in the pulley. The portion of the light internally reflected from the applanation surface provides a signal indicating the size of the applanated area, from which intraocular pressure is determined.

1459825841-d86c0c63-9b72-43ca-bbae-0466eb3fee8e

A vehicle travel control device can accurately determine a driver's intention to adjust the vehicle speed. In some embodiments, a method may include decomposing a plurality of data packets into a plurality of component data types associated with a candidate alert representing a potential security threat in a network. The reflection surface is formed with plural marks or guide grooves usable in a tracking operation or a focusing operation by irradiation of the second beam.

1459825842-1767f88d-533c-4f79-ab72-41854c167a4c

Embodiments are concerned with method and a system for event processing in a communications network, and are suited to coordinating the provision of services in response to service initiation triggers. ;c) hydrothermal treatment of the dried reaction mixture derived from step b) in an autoclave, said dried reaction mixture not being in contact with a liquid phase at the bottom of the autoclave. The invention further relates to methods for the creation of databases comprising the survey information and the databases created by these methods. Then, the voltage of the tilt signal in the predetermined range is amplified by a predetermined multiple. Accordingly, a user can easily select and watch an external AV signal of the desired external AV apparatus through the label of the external AV apparatus.

1459825842-a4013481-94ef-4569-a19d-66cbe79f2b13

A visual sensor capable of expanding a dynamic range with a little load of processing for arithmetic operations and performing a stable detection not affected by change of conditions such as ONOFF state of projection of reference light. In embodiments, these techniques eliminate or reduce rms noise in a recovered signal peak location by enforcing correlation peak symmetry. Additionally, a method of monitoring the success of lung cancer treatment is described comprising detecting levels of a CTAP III-related biomarker in a biological sample from a subject undergoing treatment for lung cancer for comparison with a previous level obtained from the subject. Alignment of the candidate image is determined relative to at least one previously known training image by inputting the candidate image into a trained alignment classifier and outputting one or more alignment variables therefrom associated with the candidate image. The rack has a mating screw gear formed in the inner surface thereof to correspond to a screw gear of the stabilizer link. In addition, the deposition chamber is provided with a vacuum pump, an external gas supply with atomizer and radical generator, a gas generator for producing a flow of molecules on the substrate, and a substrate cleaning device, such as an ion gun.

1459825842-ddfb8523-8609-498d-bdf7-c80ce7aa6a2c

A circuit for sensing an open-circuit lamp is provided. In the apparatus for noise depreciating for hermetic compressors of this invention, a diaphragm is mounted to the interior surface of a chamber cover through a welding process, thus dividing the interior of a muffling unit into two chambers. A line substrate, which is arranged on the contacting unit and electrically connected with it, is constructed as a shielded triplate line by which the high-frequency signals can be conducted to the testing device. The composition can be applied to the making up and care of keratin materials. The application of heat may optionally be limited to locations where pinhole defects are found. Virtual memory blocks that have been mapped to a corresponding physical memory block over virtual memory blocks that are unmapped when fulfilling an allocation request can be reallocated preferentially.

1459825843-2486f56a-a41e-4390-ad47-ad3ad9ad8f88

Disclosed herein are methods and related tools for assisting users in analyzing and identifying various constraints that limit the impact of business growth strategies, and for helping those users identify, research, and/or implement strategies in light of identified constraints. The cart includes a tray that has a generally rectangular bottom wall and a peripheral wall. The landmark account stores information and applications associated to the landmark client. The file tree has for each storage apparatus a hierarchy of directories and files based on relationships among the data volumes, the pages, and the segments. Each neighboring node communicates its respective need to the first node.

1459825843-3d5686ef-3a0e-424b-98e4-9915642b65da

A resin for use in toner is provided. An outer arm has an inner end pivoted at the outer axis on the outer axis of the main link and an outer end carrying a footrest. The test body further includes electrodes, which are embedded in the laminated structure. The interior volume can have any of a variety of shapes, such as cylindrical, frusto-conical, and curved frusto-conical.

1459825843-d9a16460-97b8-4a9e-b54c-7c6da61425e9

A mold apparatus and method for manufacturing panels having, as desired, one or more areas of reduced material comprising a facing sheet and integrally attached cell forming walls extending in roughly perpendicular fashion from the facing sheet. The bitmap may be generated by drawing the plurality of objects. The extension shelf unit may be oriented in a sliding manner with respect to the central shelf unit to permit the adjustment of the width or depth of the shelf by extending or retracting the extension shelf unit with respect to the central shelf unit. The annular shaped tool includes a forming surface of a select cross-sectional geometry. Each cabinet is formed with an exhaust pathway such that the moving air enters the cabinet from the duct, flows across the electronic equipment to remove thermal energy therefrom, and exits the cabinet.

1459825844-85e95b14-b100-4209-ab84-18def0e17849

A drag reducing fluid pumped through a heat exchanger. The microprocessor receives a plurality of position error signal values during track following and sums PES values for a plurality of different sets of servo wedges of the track to generate a plurality of shifted summed position error signal values. The rib includes a brow portion, the brow portion having side portions extending above the lens receptacles and the rib having extensions coupled to the brow portion and extending downwardly along both sides of a wearer's nose and the rib having a pliable coating on at least some of its surface. Advantageously, flexure of the RV walls around the slide out opening is reduced. Adjacent memory cells on the same word line share bitline diffusion as well as a third poly control gate. Relatively low voltage differences may be present between relatively close boards, and relatively high voltage differences may be present between boards that are relatively far away from each other.

1459825844-b49f46f4-ddd2-4628-8788-75b5b9c70df3

Treatment of spinal irregularities, including, in one or more embodiments, derotation apparatus and systems that can be used to reduce the rotation of vertebral bodies. In some embodiments, multiple groups of page buffers may be activated simultaneously to access multiple sectors, while page buffer groups for unselected sectors are deactivated. A suction source pulls air and entrained dirt, dust, and other contaminants through a main suction opening formed in the underside of the nozzle and into the cyclonic airflow chamber.

1459825844-eb6df75e-1703-428c-bff9-56db488b33ce

An interposer card used during qualification tests on integrated circuit packages is disclosed that eliminates the need for sockets and custom boards. The method includes adding one or more particular silane based small molecules to the liquor fluid circuit. Suction is applied between the inner surface of the mould and the first fibre mat. This prevents entanglement of the suspended toys. A pair of connectors attached to the inner ends of the lenses releasably connect the lenses together.

1459825844-efda184b-65c7-4219-8bb4-7f4aa63c289f

A low inductance via arrangement for multilayer ceramic substrates is provided. And the broad-band dual-polarized microstrip array antenna according to the present invention arranges transmission paths for two separate linear polarization on a different layer each other in order to minimize an interference effect and a proximity feeding method and an aperture coupled method are used in order to get two separate polarization. It allows the realization of final curved parts of almost unlimited dimension, dimension whereas dimensions are usually limited by the width of the sawing, or, in other words, by the thickness of the trees.

1459825845-24127e4c-fa56-42fc-88e0-896664a36884

A method, apparatus and computer program product are provided to schedule the uplink grant in a manner that efficiently utilizes uplink resources. The apparatus includes a housing capable of moving on the loose surface with an opening configured at a bottom surface of the housing. The component features are independently shaped and formed into a composite pulse selected to optimize a signature response pulse received from the material. Conductive material may then be formed in contact with both the sidewalls and a top surface of the through silicon via. In another aspect, presented herein are methods for identifying receptor-ligand interactions.

1459825845-5d2c2918-71c5-475b-abf2-1d206bd10c31

The present invention is directed to a Sphingomonas bacteria and a method of producing exopolysaccharides by culturing a Shingomonas bacteria in a fermentation broth for a time and temperature effective for providing a sphingan exopolysaccharide in a slime form. During both insertion and extraction of a circuit board from a system, two inputs signals are generated from staggered pins located on the circuit board's connector. The at least one transfer gear is contained within a gear housing.

1459825845-63e9f179-812a-441a-917d-5e7098072cd3

A computer-implemented method of pre-permissioning a computer application is disclosed. A multibit digital input sample is received and an error detecting code, corresponding to that input sample is calculated. The codes are assembled into a code book. In NLDP antenna hardware is simple, easy to implement, and readily available. Optionally, a guide is attached to one of the arms for guiding the two arms relative to each other during operation. The first laser module positioned on a separate track from the conveyor moves at a faster rate than the conveyor to drill the top surface.

1459825845-a0eb6472-da89-4bb8-8313-32cda6579bc6

A baby bottle feeding apparatus and method for assisting the feeding of a nursing infant by a bottle attached to an elongated feeding tube with pacifier end. Preferably the salt and calcium ingredients are essentially characterized by having a mean particle size of less than 25 m. The client device can determine whether files, which were included in the previous full backup image, have or have not changed using the track log. When selection of a function is accepted, a screen for operating the selected function is displayed on the display unit of the portable terminal. 0 and a linseed oil absorption value exceeding 250 cc/100 g, and a production methodology therefor. The secondary electrons ionize the excited atoms, thereby creating the strongly-ionized plasma.

1459825846-16d7c53c-48a3-4f88-a1bb-5350586553f9

A digital PLL may be combined with an analog PLL so that the output of the digital PLL is at a frequency high enough to maintain stability in the analog PLL when an initial reference clock signal is too low to maintain stability in the analog PLL. The invention relates in particular to compounds containing hydroxyamidine or hydroxyguanidine groups. A guide screw 41 is screwed on the peripheral face of the connection pipe 40A to penetrate through a peripheral wall of the connection pipe 40A. The first stage is preferably a stepper motor or servo motor and the second stage is a piezoelectric actuator. The flexure can be a unitary member that includes flex joints allowing a portion of the flexure to be linearly moved. The device also includes an apparatus mounted to the base to interrupt current through the conductor when a signal from the current sensor indicates a predetermined condition.

1459825846-9d758cd5-6aba-4eaf-acb2-39e7e8947f61

A nanopore sensor comprises second electrophoresis electrode or micropump, second fluidic reservoir, second micro-nanometer separation channel, substrate, sub-nanometer-thick functional layer, first micro-nanometer separation channel, first electrophoresis electrode or micropump, and first electrophoresis electrode or micropump that are sequentially assembled. The first hashed XML document is compared to the second hashed XML document and a difference report is output. The collector comprises a thin layer of pliable and water-permeable material through which leaked or voided urine passes and that is underlain by a layer of water-wicking material which may also contain one or more open channels for directing and conveying the flow of urine to a fitting connection with the conveyance tube. The key is used by the mobile station to establish a session between the mobile station and the encountered wireless local area network. The invention also includes a method of removing dirt or contamination from a surface, or flattening surface irregularities, which includes rubbing the flexible sanding composite against the surface repeatedly until the dirt or contamination is diminished. The method comprises the steps of: a) shifting a preamble window by delaying a transmission signal in order to catch a first call access signal from a mobile station at a remote distance; and b) delaying a second call access signal from a mobile station at a short distance in order to catch the second call access signal.

1459825847-60d30724-3581-43d0-b3a6-28b301a8c8b0

An ink-jet printer for printing on cards includes a printing station having an ink-jet printhead. The surface of the solid bottom of the heat exchanger includes at least one central point disposed substantially on the axis of the heat exchanger at a highest level relative to the set of points constituting the inside surface of the bottom of the heat exchanger. The rail has two outwardly-positioned rows of upwardly directed teeth and two upwardly-projecting guides running parallel to and between the rows of teeth. One portion of the interior load bearing shaft is connected against one interior wall of the exterior shell with the remaining portions of the interior shaft being independent of the other interior walls of the interior shell. Also disclosed are a unique catalyst, a method for controlling the content of the syngas formed in the feedstock reformer, and a feedstock handling system. The profile has an angle  $\alpha$  formed by a line tangent to the profile

relative to the horizontal at least equal to ten degrees at the radially outermost and radially innermost extent of said profile.

1459825847-a7108194-bc0b-4c1d-b58d-74bfa824fdf5

In one embodiment, first optical signal can be generated at a first end of an optical fiber segment at a first time. An axle is mounted to a frame of the mechanical control mixer, and a barrel is configured to rotate about the axle. An image forming apparatus capable of totaling the pixel value by a respective kind of the image and calculating the toner consumption by a respective kind of the image is realized. Each of the sub cell arrays includes a ferroelectric capacitor, and a serial PN diode switch having a PNP diode and a PN diode, to decrease a cell size and improve operational characteristics of the circuit. The bristles also serve to clear the hub of any detritus produced during dicing.

1459825848-4fd68aca-7a42-42a0-b79a-0bfa6e1cb5e4

A method and apparatus for connecting the processor array of an MPP array to a memory such that data conversion by software is not necessary, and the data can be directly stored in either a normal mode or vertical mode in the memory is disclosed. The top portion includes a partition board on which an LED is seated with two terminals on opposite sides of the partition board. The ONO includes at least a first region and a second region, where the first region is higher than the second region. The invented device can be packaged to a Travel Size such that it takes very little space for transportation. The method includes a first plate extending from a trench and isolated from a wafer body, and forming a second plate extending from the trench and isolated from the wafer body and the first plate.

1459825848-fe6c62d0-f468-4282-b201-959fb25818ac

An electrical connector includes a housing and a contact module mounted in the housing. In addition, at least one of the segments is provided with a mechanism for moving the segment in the radial direction. If a data element arrives after the predetermined playout deadline, the data element is provided to the decoder state machine to update the decoder state.

1459825849-9f42aa71-b1d4-4aa5-af39-01942e40e9f9

A pump priming apparatus including a housing through which fluid object material may be urged to flow, the housing including an intake portion and a pumping portion downstream from the intake portion. The second image which is a continuous image is printed on the second surface by the second printer in synchronization with recording synchronization pulses. An RF shield surrounds and isolates the microphone from the RF circuitry, power amplifier and antenna and shields the microphone from radiated energy generated from the RF circuitry, antenna or power amplifier. Fasteners extend through the slots in the plates and connect the plates of the connector to two building members such as a horizontal building member and a vertical building member.

1459825849-c399721d-8b59-45fa-a0ca-c869e5604b75

A connection element consists of a longitudinally oriented support structure that is at least partially hollow and a sensor unit that is arranged in the inside of the support structure, is connected to a signal transmission device, and is non-positively connected to the support structure. More specifically, the present invention relates to liquid pigment dispersions possessing viscosities of at most 5,000 centipoise at standard temperature and pressure. This may allow the fabrication of components with substantially hollow interior areas to reduce weight, reduce part count while maintaining high strength and ductility. A B1616 tile in the middle level of hierarchy is a sixteen by sixteen array of B1 blocks. Extending outwardly from the bottom of one half is a shaft and a clamping means for securing the apparatus to a tubular member or handlebar of a bike. The system has a cooling loop in heat transfer communication with the battery, for removing heat therefrom with a coolant, a first cooling device selectively coupleable to the

cooling loop, using a refrigerant fluid to transfer heat with the coolant, and a second cooling device selectively coupleable to the cooling loop, using ambient air to transfer heat with the coolant.

1459825849-d676fde9-1135-4611-a0a4-51530e4571c1

The present invention relates to a method for opening a tray door of an optical device. In some embodiments, during operations, the first processor core receives, from the second processor core, an indication of a memory location and a flag. The indexes may be built with metrics other than market capitalization weighting, price weighting or equal weighting.

1459825850-2e511db9-28d0-4801-9186-e0a9ad7f8c77

Vertical and horizontal drainwater heat exchangers have built-in heat storage for continuous heat recovery. The base part comprises a soft magnetic layer and at least a primary coil. The lower portion may be plug locked onto a printed circuit board. Media blasting is then used to restore the pads to their original condition as on prime parts. A cable is used to operate the movement of the boom member, and has one end attached to the winch and a second end attached to a rigid component on the boom member after engaging pulley means on the boom member or control post member as chosen to provide suitable angular orientation of the boom member and telescopic extension of the boom member.

1459825850-4080d625-cf2f-486e-bcec-2c9f288a543e

A wheel assembly for a vehicle such as a tractor is disclosed. The body has inner and outer surfaces that are substantially complementary to one another to allow a plurality of chairs to be stacked together. For at least one element of the secondary-air circuit a principal component of flow and at least one auxiliary component of flow are calculated. The image density detector detects an image density of the reference image pattern.

1459825851-026e412f-5584-465d-a7f1-066724fb5ef8

A frequency plan is provided for particular use in a transceiver. The method of resynchronization is based on the use of a resynchronization word. A head cover made of the same fabric provides concealment for the user's head.

1459825851-1a1dc762-dd93-46e8-8211-ec7f792cd2f2

A method for improving the appearance of a hard-surfaced floor. In some embodiments, this includes recovering a backup data to a remote location, using an IO intercept to access the recovered data, modifying the recovered data a first time, completing the modification of the recovered data, preserving the IO intercept, and storing the modified data in the remote location. The substrings within an attribute are analyzed to provide a state model that assumes a beginning, a middle and an ending token topology for that attribute. The interface material is solidified with the first layer in the relaxed state to obtain a first wafer. Further, it provides use of a compound selected from the group consisting of -tocopherol, -tocotrienol, -tocopherol and -tocotrienol for generation in vivo of any of the above compounds and to treat a disease caused by oxidated low density lipoprotein. Receiving and processing a Fiber Optic Communication network provided signal and processing a UNB processed signal into a processed spread spectrum signal in a mobile unit.

1459825851-33efa8bb-1031-4c37-94a2-bfca02d7d91b

A through-silicon via fabrication method comprises forming a substrate by bonding the front surface of a silicon plate to a carrier using an adhesive layer therebetween to expose the back surface of the silicon plate. Owing to the ocular properties, this knockout mouse is useful as a model for normal tension glaucoma. The second lens group from the object side has positive refractive power and is formed of two lens components. The signal is launched from the launch point in the first layer. The method further includes receiving an authentication package from

the authentication application without contacting the authentication application. One embodiment of the invention comprises a fibre optic splice comprising: a flexible central tensile member; a flexible helical wrapping positioned about the flexible central tensile member; and an outer protective jacket positioned about the flexible helical wrapping.

1459825852-12d0619d-ca51-488e-aa96-c58515d4f76d

A variable impedance sense circuit can detect a drift in the impedance of variable impedance circuits due to changes in operating conditions. A constant current based on a reference voltage corresponding to a ground potential point is generated, and passed to a first resistive element whose one end is connected to a power supply voltage terminal. The mobile terminal stores the status information in the form of a table, and detects and transmits the information in response to the status information request signal sent from the user computer.

1459825852-2e50eee6-ca00-4d71-958b-9d333ef5f41a

A fluid filled cartridge having a fixed needle and a piston assembly for expression of its contents is mounted inside an applicator. These compounds are useful as sweet flavor modifiers. The handle member includes a hollow interior containing the cutter while the cutter is not in use.

1459825852-8af227e6-8e9b-4651-a9dd-02ea499686f2

The patent or application file contains at least one drawing executed in color. The circuit device includes a casing, a semiconductor element, and a cover portion. The PBC-based implementation method for cyclic codes herein can correct more burst errors than the conventional cyclic code decoding method.

1459825852-e3f07004-0491-4234-8850-91d407b075ed

Landing gear mechanism for aircraft are provided which include first and second connecting arms and front and rear wheels operatively associated with the first and second connecting arms, respectively. Weights, one of which decreases monotonously and the other of which increases monotonously, are applied to first and second resultant image signals under the condition that the sum of the weights is 1. The shared account information identifies shared telecommunications units used in connection with a first subscriber service and a second subscriber service. In some of these embodiments, the wireless device is further provided with a workload monitor to cooperate with the at least one time sharing machine to facilitate the coordinated control be adaptively performed, based at least in part on transmit and receive workloads of the two protocols. The one or more processors classify one or more images resulting from the stimulation of the first software application. Several alternatives are provided for determining particular resources to use for performing the RRM measurements, wherein the particular resources are based on cooperative resource partitioning between cells of the HetNet, wherein the cells may be of different types.

1459825853-2d5cc35d-1caf-4952-b638-87bfc13fb823

A digital-camera processor receives mono-color digital pixels from an image sensor. The cathode ray tube comprises a shadow mask having an effective area where lines of apertures for passing electron beams are arranged and a dead space formed on both outer sides of the effective area. An elastically deformable latch portion of the slap yoke clip extends from the slap yoke clip side portion, at an angle thereto, for elastically deforming when a steering shaft is laterally inserted into the slap yoke and for returning to a relatively undeformed condition after insertion of the steering shaft into the slap yoke to prevent exit of the steering shaft from the slap yoke. With the jumper in place, the fuse element can be opened, removed and/or replaced without interrupting the transmission line circuit through the cut-off box, since the jumper now provides a bypass around the fuse.

1459825853-7ea64dc5-6be3-4705-ad9b-d5c039146fbe



A testing apparatus is provided to securely detect a mounting error of a fittable member on a connector. The control circuitry may comprise an oscillator for generating a clock signal. The source device transmits at least a portion of the predetermined data over at least a first channel selected from the channel selection profile. The tunnel dressing also has a wound contact surface adapted to minimize tissue entanglement to facilitate removal. The trace capture process can periodically query the event trace routine with a frequency determined by an adaptive timing algorithm in order to detect the addition of trace data to the trace buffer. The scent ring can be directed with accuracy to a localized target as small as the nose of a single user, such that the entire dosage can be delivered to only the user's direct vicinity.

1459825853-9f3d6a17-5619-456f-b208-2615597cddc5

A PDP and driving method improve the contrast of an AC PDP by maintaining stable discharge and preventing over-discharging in a low gray state by enhancing voltage control of the scan electrodes and sustain electrodes during initialization control. 1 to 30% by weight of carbon black filler and from about 0. When the first and second faces of the first pulley are located in a first position, a belt located on the first pulley remains motionless.

1459825853-ea32eee6-3c09-47fa-ad24-06eb2f0240ab

The present invention provides a spread illuminating apparatus for improving the machinability and durability of a molding die for a transparent substrate and obtaining an excellent light reflection. In one embodiment, the apparatus can include a fixed abrasive polishing pad having metal abrasive elements selected to be a compound of metal in the substrate. The shield member can be adjusted by an adjusting device in each working stroke in order to vary the effective depth of the tuft picking notch from one working stroke to the next to change the size of a tuft engaged in the notch. Various methods are also provided for the counter units as well as counter waves. The call includes the uniform resource identifier of the content provider system. The method comprises processing a workpiece using a processing tool, receiving trace data associated with the processing of the workpiece from the processing tool and determining at least one value associated with a health of a portion of the processing tool based on at least a portion of the received trace data.

1459825854-0a224a77-8f27-421c-8f6d-654ec2ef252b

The present invention relates to a novel composition comprising a mixture of potassium 1-4-chlorophenyl-1,4 dihydro-6-methyl-4-oxopyridazine-3-carboxylate is in the range of from 1 ppm to 300 ppm and potassium 1-4-fluoro-3-chlorophenyl-1,4 dihydro-6-methyl-4-oxopyridazine-3-carboxylate and a non-ionic surfactant for hybrid seed production. A static route is created in the subscriber's computer to establish a continuous logical connection between the subscriber's computer and a continuous service provider to provide the subscriber with continuous services. Once the target has been aligned with the target positions, image data of the target is captured and used to compute calibration parameters. In response, the translation output may be encoded with the previously separated visual component. The 3-D UCT system also includes a processor coupled to the imaging chamber. The apparatus further comprises control means activated by said regulator means to actuate a fuel metering system of the engine.

1459825854-0b32a4f7-4e9a-4085-9cbf-e8b6c7c45427

A method and system for creating bulk filters are described. The transmission table includes a list of frames from various link control entities in the order in which they were multiplexed together to form a stream of frames. Further provided are methods of treating fibrotic conditions and other cytokine-mediated disorders by administering pirfenidone capsules of such formulation to a patient in need.

1459825854-269eb78d-fd29-4e7d-bca6-bb2acbd4e039

A method is provided for receiving a wireless message in a mobile telecommunication system. The electrospinning element includes a passage by which a substance from which the fibers are to be electrospun is provided to a tip of the extrusion electrospinning element. When the SIM card is plugged, the power supply terminal connects with a power supply contact of the SIM card earlier than the first terminal, and the first terminal connects with the power supply contact earlier than the second terminal. A method of controlling the powertrain is also provided.

1459825854-bcd4c58e-99d7-4080-83e8-6b0e3d625e75

An automobile device transmits automobile data to a server in a communication network. Inside said mantle there is a movable septum between a lowered position close to said base and a raised position close to said roof, said two lowered and raised positions defining, with the mantle, roof and bottom, peripheral passages for the air sucked through the duct. Additionally, a single-piece electrode assembly can be used instead of a separate electrode assembly and electrode. The elements of the first and second patterns partly overlap and combined form a set of repetitive large-sized alignment marks, such that the edges of the alignment marks in the direction of repetition are formed by small-sized elements.

1459825855-7f5d91f6-2902-463a-9b9b-4ab8a2ad8020

It is disclosed a wireless power supplying system and an self adaptive adjustment method thereof. An intervention device 3 receives from a front monitor 4 and a rear monitor 5 acquisition requests which request various kinds of screens from a navigation main unit 2. By this surface modification the resistance to high temperature corrosion of the FeCrAl alloy and its lifetime are significantly increased. By contrast, liquid infiltration of silicon into diamond powder at 5 GPa1673K produces a composite with higher hardness but lower fracture toughness.

1459825855-a2996516-7843-4e87-a8fc-84ae25a20326

An illuminated angular display system is provided. Not being able to easily remove the rotator plate on the board, the security device acts as a deterrent to someone wanting to steal the board. At the time of starting the engine, the control apparatus supplies the vaporized fuel stored in the vaporized fuel tank into the intake passageway by opening the vaporized fuel supply valve. On determining that the one or more recipients are members of the social network; at least a portion of the electronic message may be provided as a message post to a message stream associated with the one or more recipients. Use of credentials in this manner enables a wide variety of relatively complex and flexible control arrangements to be put in place and enforced with relatively simple rights management technology.

1459825855-eba849d3-c0f8-4333-a1cc-c6cec7220d9e

Microparticles with adsorbent surfaces, methods of making such microparticles, and uses thereof, are disclosed. The sorbent composition is derived by sulfidation of red mud, which contains hydrated ferric oxides derived from the Bayer processing of bauxite ores. The doors form part of the side seal system in the deployed position, and protect the flexible components of the seal in the retracted position. The method continues by removing the dummy gate and etching a recess in the silicon substrate.

1459825855-fb556db0-09a9-498c-af39-0bf1e1de94cc

A wind turbine electrical generator may include a monopole tower extending upwardly from ground level. Also provided are pharmaceutical compositions and methods of treating obesity, diabetes and inflammatory or immune associated diseases comprising said compounds. The test zones are disposed within a channel of a microfluidic device. The main idea of the present invention involves combining K-trellis steps as a pipeline structure and then combining the resulting look-ahead branch metrics as a tree structure in a layered manner to decrease the ACS precomputation latency of look-ahead Viterbi decoder circuits. The positioning and retaining structure position an earpiece associated with the earpiece in a user's

ear and retains the earpiece in its position.

1459825856-6b1017da-7877-4b7e-bd4b-78d8f415512f

A cutting unit includes a detachable head assembly with a cutting insert and holder. The mobile station is equipped for receiving a signal in the downlink direction and for sending a signal in the uplink direction. If the marker is located, content from the relevant aspect is woven into the generic process plan at that point. Both the first and second loads are symmetrical with reference to the axis. A first storage unit stores a first voltage corresponding to a threshold voltage of the transistor. The window is formed through the insulating layer at a position corresponding to the window of the first external layer.

1459825856-c7fbba25-0051-46ac-9e81-01681ca4a0f8

A multi-layered polishing pad for modifying a surface of a workpiece, such as a semiconductor wafer, that reduces the effort, time and cost involved with pad replacement. A readout portion reads out a plurality of photographic images, which are recorded on a memory card. The pharmaceutically active agent is preferably selected from the group consisting of agents that stimulate chondrogenic differentiation and/or cartilage matrix synthesis; agents that inhibit osteogenesis and/or hypertrophy, anti-inflammatory agents, agents that inhibit apoptosis of chondrocytes, agents that inhibit senescence of chondrocytes and agents that enhance lubrication of a joint. Data transmission commences via the first and second lines after the second period of time has elapsed. The sensor is responsible for detecting the image generated by the light source so that a sense image is created. A chained homography is computed by chaining the first and second homographies.

1459825857-0b599d2a-da41-4cfc-a43f-61b9c375a946

The present invention is directed to a bracket for holding a printed circuit board in relation to a connector for wave solder application comprising a mounting element for attaching the bracket to the connector, a shelf for supporting at least a portion of the printed circuit board at a predetermined height above the connector and a latch for retaining the printed circuit board on the shelf. The sheath system includes a hub having a body portion defining a lumen therethrough and a sheath having a body portion defining a lumen therethrough. A hose cleaning subassembly washes and/or brushes the hose exterior with a low-pressure spray. The mount is positioned between the mouthpiece and the earpiece.

1459825857-1048e376-6f76-4f76-b78c-aa82c7ffe654

A structure having an optical slit therein. A system of the invention generally includes at least one containing means, at least one coordination means, at least one chemical application means, at least one mobile suction means, and at least one filtration means. A driving unit is configured to generate a rotational driving force. A suction device, arranged adjacent to the test compartment, remove moisture and any other volatiles given off by the sample during the measurement process providing a more stable flow pattern in the test compartment. The spam score may be compared to the spam threshold to determine if the e-mail is spam or legitimate.

1459825857-4f18f909-e912-44fe-a167-037f0362536a

A method for calculating the yield of a reaction product comprises providing a solid support with a first link, a reference material, and a second link having an attachment site. The invention is characterized in that the subscriber data are stored in at least one telecommunication network and made available to the other telecommunication networks on request. The tuning elements are designed to be identical, such that a single design may be used to a signal mismatch that is produced in either direction, using a single design.

1459825857-889cf3a3-4394-4ca7-9511-0a452782865b

A riding simulation system includes a steering handle mechanism capable of being

gripped by an operator for steering a front wheel of a motorcycle displayed on a display of a personal computer or the like. Especially the invention relates to the controlling of the micromechanical switches. Each sample includes a workload level, a throughput level, and one or more performance metrics having values used in detection of a bottleneck condition. The modular fluid control system further comprises a frame which surrounds the module blocks and has connector through ports therein aligned with selected ones of the port openings.

1459825857-bf8ff9a5-cd0a-4ec2-9f61-b5b4de6f62cd

A valve control system includes a valve connected to regulate flow of a medium provided to an output and a sensor connected to monitor a feedback value associated with the medium. Each one of the two Ethernet switches is connected to a corresponding one of the primary and secondary network interface cards in the file server PC. The received input value combination is converted into an output value combination that includes a plurality of output values for a plurality of components for printing, the plurality of components for printing including black, the output value for black being smaller than or equal to a value of an allowable black maximum. Complicated manufacturing and processing procedures are simplified by connecting the power-supplying part and a PCB.

1459825857-ec8b5d88-d2eb-4dc5-b511-f370cb29ce1d

An incorrect-circuit deactivation device of a magnetic GFCI outlet includes an electromagnetic coil seat, a magneto-conductive core driven by the electromagnetic coil seat to displace, and two magnetic elements located on both sides of the magneto-conductive core. Deposition is conducted at low temperature to provide good composition control and efficient use of metals. In some embodiments, the methods of the present invention find practical lower and upper limits to the rate of stimulation to increase the speech-recognition scores while implementing safety limits to preventing overheating. A call set-up component processes requests from OSP compliant and non-OSP compliant networks. A device is secured to the tubes prior to the implantation and delivery of the device by securing one end of the device to the outside of the inner tube and by securing the other end of the device to the outside of the outer tube.

1459825858-bf0f1e63-b68f-4176-9dba-b7a23b572201

A light emitting device includes a substrate and an adhesive layer on the substrate. With the probe docked in the docking station the device is in the \u2018off\u2019 position and with the probe removed therefrom the device is in the \u2018standby\u2019 mode. A transition portion is between the two cylindrical portions, the vessel mouth is in the larger-diameter portion, and a cylindrical retaining sleeve surrounds the vessel. The composite magnetic article comprises a plurality of coated ferromagnetic articles. The frame length corresponding to each communication rate may then be obtained by dividing the barrier clock rate by the \u003a\u0039 rate.

1459825859-4f879a1b-4e2a-488c-91a7-dbe9848dea67

A filter device and method for diaphragm type flush valves includes positioning the filter device in a cavity of the valve, between an inlet and an outlet pipe, and between an inlet and a bleed hole of a diaphragm of the valve. In one example, a region of interest of an image is identified. A paging and location server is used to reduce the number of session signaling register messages transmitted between domains. A valve member is positioned within the cage. The global bit line circuitry drives a global bit line responsive to the group select signal and the data driven on the local bit line associated with the selected cellinput, thus providing a data output. 05 Torr while applying a negative bias voltage of less than \u22122400 V but greater than \u22121000 V to a magnetic head, a protective thin film on at least the surface of the head facing a recording medium, the protective film containing Si, C and H in amounts of 3-9 at %, 61-81 at % and 16-30 at %, respectively, having a thickness of 1-3 nm and having a refractive index of

2.

1459825859-eb66b0ff-4975-4883-bd46-42fd14f532be

A staple cartridge assembly includes a cartridge body. A metering pump with integrated injection nozzle are contained in a common housing mounted directly to the exhaust pipe, thereby eliminating the separate electric motor driven pump, line between pump, and injector in conventional systems. Each MN is associated with a home Router. based on an empirically determined relationship between the measurements performed is step a and b and the conductivity of pure water, the conductivity of the water contained in the multi-component mixture is determined.

1459825860-3089af9e-23be-4ac1-8bb8-6a238448ce77

Methods and apparatus for providing information useful to a particular user of a computerized apparatus. The system includes a self archiving log structured volume for copying blocks from an active volume while the application is running without contending with the application for access to data blocks. Such applanation effectively mitigates transfer and other losses created by the tissue proximate to the blood vessel, thereby facilitating accurate and robust tonometric measurement. In this inkjet printing apparatus, a pattern for adjusting the relative printing positions of the nozzle rows in the first printing mode is printed.

1459825860-4e69340a-9a95-498d-9990-95ed2cb72846

In a casing, a printed circuit board is arranged such that a first side of the printed circuit board has a first angle of  $\theta$  with respect to a first side surface plate. It has a tapering extension on one flange that maximizes its interface with a bridging member, and a matching central portion on the other flange that minimizes material waste when the connectors are cut from a roll of sheet metal on a progressive die machine. The first and second sealing sections located on the vertical lines of the first and second triangles are used as an unsealing guide for tearing. The heater includes an over molded polymeric layer disposed in the channel such that the resistance heating element is substantially encapsulated in the channel and such that an exterior surface of the over molded layer is substantially flush with the exterior surface of the carrier. The cerumen guard may also have any of a number of customizable cerumen-trapping accessories that may be placed into the chamber. Another hardware processing component is provided to receive user input to update images and to select a deformation region for area calculation.

1459825860-9499bd46-a375-4869-84bb-c0e1613b99db

The lead-free, arsenic-free, preferably gadolinium-free and fluorine-free, optical glass has a refractive index of 1. The method is conducted in the absence of mechanical disruption of the cells and isolation and washing of refractile bodies. Harvesting is delayed a pre-selected time based upon the position of the feeler arm to avoid premature harvesting. , a bar graph is made more useful. In one aspect, the present disclosure provides an optimization process executed by spreadsheet functions of a spreadsheet application, and arranged in a functional paradigm for computing optimal parameters for a parameterized system modelled by variables, parameters, and dependent formulas. In this absorbent article, the front waist region and/or the rear waist region is or are divided into an elasticized intermediate zone provided with the elastic members and inelasticized transversely opposite side edge zones contiguous to transversely opposite side edges of the intermediate zone.

1459825860-ee1c7022-a75d-458a-b329-e36c227f01b1

A processing capability for data communication with a packet terminal is secured while packet loss is prevented, and a load to a mobile station in a handover is reduced. A basic idea is to store a calculated new path metric at the memory location used by the old path metric, which old metric was employed to calculate the new metric. The circulating freshwater used for washing is warmer than the

seawater used for cooling in the first scrubber section. The ions experience a Lorenz force once every turn when they pass through the deflecting magnetic field B1.

1459825861-3ea804cd-933e-4430-b9dc-bce1ed599cd5

A power control system may use power semiconductor devices such as insulated gate bipolar transistors in a switching unit to provide motor control. Other schemes include a rear-addressing scheme which uses a retroreflecting surface to enable greater viewing angle and contrast. The buffer block is designed as an essentially horizontal bumper bar, and includes an inflatable gasket, the ends of which are height-adjustably supported on two spaced, fixed mounting frames, preferably in the form of pillars.

1459825861-7d8eaba4-ded3-40b5-b2f0-21f48d9d87a4

Methods, systems, and computer program products for implementing remote participation in events are provided. Adhesive film is formed in a contact hole, which exposes an upper electrode of the ferroelectric capacitor after conducting heat treatment in an oxidizing atmosphere, and a W layer is deposited by the CVD method using such TiN adhesive film as a hydrogen barrier and the contact hole is filled. Further, the apparatus eliminates the necessity of opening the vessel during the dispensing process, thereby maintaining the vessel's seal while emptying the vessel's contents. The processor in the digital label can process, display, and transmit information.

1459825861-c4d185af-e013-4cc2-9339-72853505cb02

A camera module which can switch a photographing mode of the camera module includes a housing, a holder having a lens unit and displaceable between a first position and a second position, a magnetic member and a coil, a first magnet having an N pole, and a second magnet having an S pole. The metal layer is transferred onto a surface of an insulation layer. The overlay tolerance is determined by varying the misalignment the features of the pattern. The person moves her pelvis off the support surface subject to resistance from the resistance devices.

1459825861-c7c936d4-339f-43da-a3f0-a393c6c7e9cc

A switch fabric for routing data has a switching stage configured between an input stage and an output stage. Monitors are placed within the treatment zone and annual or other required inspections are thereafter made to determine insect activity and to evaluate termiticide effectiveness. The first is an engine system capable of operating seamlessly on two or more fuels without regard to the ignition characteristics of the fuels. The OLED pixels are connected to the same first signal line and respectively connected to a first portion and a second portion of the second signal lines. It also obtains status information including the location of the vehicle, the current time, and the moving direction of the vehicle, from information provided by a vehicle location measuring apparatus. The present invention includes receiving a city selection and an alarm time, and outputting an alarm signal if the received alarm time corresponds with a current time of the received city.

1459825862-21241e1c-1e5e-474f-afa3-10360e04c5d4

An improved railway car truck is provided that includes two sideframes and a bolster. At least one embodiment of this invention relates to a flashless cushioned dust control mat article wherein the mat comprises at least two distinct layers of rubber, one comprising foam rubber, the other comprising solid rubber. A method for enabling synchronization in a rich media stream wherein the synchronization is based on a global timeline is also provided. During the deagglomeration step, the mineral matter is dispersed, and when the pressure is released, the coal portion of the deagglomerated gas-saturated water mixture reagglomerates, with the small bubbles now coming out of the solution. Each access hole connects the groove in fluid communication with the respective interior space.

1459825862-449763b5-6fea-4cfb-9809-e8aace3dbfb4

A self-balancing remote sensing device, and a system comprised of the remote sensing devices and one or more base stations, is provided for remotely monitoring both terrestrial and maritime environments. When the customer calls into the VRU, the customer is prompted to enter identification information. The drive mechanism is configured to translate the first needle together with the second needle, and to individually translate only one of the first needle or the second needle.

1459825862-75d4fd0f-d1cb-49cc-b71a-b2d534ae6e35

An image communicating apparatus determines whether or not the amount of compressed image data is a predetermined amount or greater when transmitting a scanned color image as attached data in an e-mail message. The solution provided consist of two steps temporarily attached to a vehicle tire and supported with webbing material and pressure activated hangers. Thus, the compounds of the present invention are useful in treating a patient having a tumor characterized by proliferation of neoplastic cells. A second V-notch allows a subsequent bead to be removed and cooled at a location spaced apart from the first one. The first and second sections are partitioned from each other such that communication between the first and second sections is controlled by the second section. First, the top bar rotates circumferentially within the rotating member.

1459825862-cc511401-6d87-4344-9b6e-08827464d9c4

The invention provides an optical modulator module by which a dip appearing in a frequency characteristic of a microwave from a DC component to a high-frequency component can be reduced while maintaining the mechanical strength and facilitating handling of a substrate and besides securing the long-term reliability without processing the substrate itself. During the normal operation, the information as to a word line associated with a row address accessed during the normal operation is stored in a RAM. The analysis module extracts, for each elementary requirement, the pertinent terms it comprises and builds a semantic description based on its extracted pertinent terms and representing the semantics of this elementary requirement.

1459825863-1fa1715e-778a-4720-8683-8b1a984c26fd

A method of synchronizing a plurality of generators connected together in parallel to a supply network. The samples can include, for example, urine, faeces, plasma or blood. A locating channel section is formed on outer face of a side wall of the slide body. Using this mechanism it is possible to determine the time before IDLE, the time immediately following CPU wakeup, and then run the wakeup ISR. The data driver operates in synchronization with the clock.

1459825863-aa1ca08d-cc1b-46ff-afeb-02c77f72eaae

A program having a plurality of concurrently executing versions is debugged. Systems and devices include a pushing assembly having a track, a pusher, and a stop for restricting forward movement of the pusher when the stop is engaged. The infrared beam projecting unit has a projecting power adjuster for, on the basis of the received beam level display signal, adjusting a projecting power so that the amount of the received beam attains the predetermined value.

1459825863-c1e98ee1-1983-4747-ba8f-ba3e193b94d5

An electric power steering device to control a motor based on steering torque generated in a steering shaft and supply an auxiliary steering force conforming to the steering torque to the steering system. One or more microscope slides are positioned in an image acquisition device that scans the specimens on the slides and makes two dimensional images at a medium or high resolution. A relatively thick layer of gate oxide is created over the surface of the substrate. The fast response time allows individual radiation photon interactions with each detector to be counted.

1459825863-df81d778-5546-4d01-a67c-475c4b84a7df

A video de-interlacer forms a first new-pixel value from motion compensation of a pixel of a previous field with a first motion vector and forms a second new-pixel value from motion compensation of a pixel of a next field with a second motion vector. The system measures power after digitizing and filtering, and subtracts off any variable gain used in the analog front end to determine differentially the size of the signal at the antenna. An acquiring portion acquires second user-limiting information which defines access permission or access no-permission to each information processing apparatus for each user, from each information processing apparatus. A problem that the terminal is turned off due to power shortage during data transmission and reception can therefore be prevented. The material of construction may be tungsten carbide with a cobalt binder.

1459825864-0729aa9f-d19d-4382-8696-4385465224f3

A setting tool having an engagement structure for setting a fastening anchor comprising a receptacle structure implemented in a shaft, the engagement structure engaging with the receptacle structure during a setting procedure. A community including multiple mobile web servers providing a shared web service is designated. The actuating forces transmitted by the U-turn mechanism are used to move distal components of the instrument, such as an end effector and a wrist mechanism. Accordingly, a contact face pressure and a bending stress occurring to inner and outer gear teeth can be reduced, the limitation of the durability of the gear mechanism due to the large difference of durability between the inner and outer gear teeth can be improved, and the necessity of increasing hardness of the inner gear teeth can be lessened. The hydraulic and pneumatic flows stream past all around the cylindrical containment shell from the turbine on their way to the drillbit motor. The retaining system has a pair of elongated members fixedly connected to the inner surface of the tank body.

1459825864-81b1f04f-7317-4f31-b2d4-5a1fe3e921c6

A mobile communication apparatus comprises an anti-theft control circuit and a transmission control circuit. The invention relates to the seeds of cotton cultivar 01W34, to the plants of cotton 01W34 and to methods for producing a cotton plant produced by crossing the cultivar 01W34 with itself or another cotton variety. The method for determining dechucking parameters comprises generating a correlation between ESC resistance and dechucking parameters, performing a single experimental test on a new ESC and generating a fitting parameter, and using the correlation and the fitting parameter to determine the dechucking parameters. The EPG information can be displayed in a window within a television screen while a program is being shown on the remainder of the screen. The pixel defining layer is formed on the planarization layer and has an opening that exposes the pixel electrode. The 2 digital sample signals are interleaved, creating an interleaved signal.

1459825864-ab137621-4b99-4ebb-b255-699f94ce0eae

A protruding nozzle assembly, mounted in a side wall of a swimming pool in communication with a source of water, will eject through a nozzle of a nozzle housing a stream of water at a predetermined angle relative to the adjacent side wall surface. The second nozzle holes have an opening area smaller than that of the first nozzle holes. An article can be provided, which is equipped with an adhesive patch on its surface.

1459825864-d3b582b2-c81e-4b57-ab06-6e2a616ee01d

A developing roll which may reduce stress imparted on toner and have uniform transportability of toner. The system comprises a medical solution container; an infusion line through which the medical solution is drawn out of the medical solution container; an infusion pump configured to discharge the medical solution via the infusion line. Another test resistor is selected based on the output of the sense amplifier and both the measuring the output step and the selecting another



test resistor step are repeated until the output of the sense amplifier changes. Each of the robots may be mounted to one of a floor, a ceiling or a wall of the room.

1459825865-9974674e-d3aa-4b5d-99d5-fadf33107293

A self-authenticating article comprising a substrate having an image receiving surface and a lenticular lens is provided. The insulative housing defines a mating face, a mounting face opposite to the mating face and a plurality of receiving passageways running through the mating face and the mounting face. However, a unified user interface on the client permits a network administrator to access, update, configure and otherwise manipulate the network elements of a new or existing network, using a single tool which abstracts the hardware and software interfaces, for instance using object oriented code. When it experiences an axial force that would normally relatively displace the two ends causing a leak, being engaged to each other this movement is resisted ensuring that the seal is maintained. The lighting system further includes a magnetic switch including an electrical cable or harness.

1459825865-a7f328ba-044a-4f16-a506-4c131c7d5751

A journal write unit writes journal data into a third storage device. The data structure includes a two dimensional array of data blocks. An epitaxial semiconductor layer is conformally formed on the porous semiconductor layer.

1459825865-cdde6855-fbff-45cf-a71a-73e52bc2aee7

A cam assembly for a click-type torque wrench includes an elongated plunger body having opposed ends and having a deep cavity formed axially in one end and terminating at an end face disposed with intermediate the ends, the end face having a cam seat formed therein and extending laterally theracross and having opposed sloping side cam surfaces. The text is then inserted into or used by an application of the client device to send a text message, instant message, email, or to insert a request into a web-based application or service. The catalyst for a partial oxidation reforming reaction of fuel according to the invention makes it possible to progress the partial oxidation reforming reaction of fuel smoothly, to improve the efficiency when reforming the fuel and to simplify the fuel reforming reactor. The beam has one or more openings adjacent to the adjustment portions of the flexible element to provide access to the adjustment portions through the beam. The mask includes an elongate aperture to substantially confine the excitation radiation directed to the sample area, and the emissions from the sample area, to the planar radiation path when arranged parallel to a first axis of the two-dimensional sample area. The temperature sensing unit and method of detecting temperature may include obtaining reflectance of a photomask using a multi-wavelength interferometer and determining a temperature on the photomask based on the reflectance.

1459825866-3bbbcad6-b5e5-4c3d-b71f-0eec078fb89a

A sample rack handling unit comprising an onload section for loading sample racks holding a sample container is presented. The magnet is slidably disposed in the chamber. The reinforcing part is divided at least into two mutually displaceable sections. A reflection mirror is obliquely arranged so that a scanning line directed to the exposed surface may be inclined with respect to a segment perpendicular to a transferring direction of the exposed surface to direct the scanning line to the exposed surface of the photosensitive medium by reflecting the scanning line provided from the beam deflector. The scraping tool has a blade which conforms to the curved sidewall of a bucket and is substantially flat so it can be inexpensively manufactured and efficiently stacked for shipping and storage.

1459825866-5514eba4-a402-4253-a595-f7677d7f21fe

A method for optimizing measurement and control of the flatness of a strip of rolled material. The channel plate is produced by 1) forming a plurality of channel

plate layers in ceramic green sheet, 2) forming at least one channel plate feature in at least one of the channel plate layers, and 3) laminating the channel plate layers to form the channel plate. One or more detectors in a vicinity of the object are also utilized to detect the energy emitted by the transducer and generate signals in response thereto. The cross members extend generally perpendicular to the side rails and may be formed having any conventional structure. Some of fungi and bacteria in a spore state are strong to ultraviolet rays, and some of them are strong to heat.

1459825866-ec394f94-dceb-4620-b37e-215413d2323d

Provided is a VECSEL capable of achieving an excellent efficiency of a SHG crystal and being manufactured in a compact size. The unit dose is contained in a cylinder which is moved relative to a piston to expel the contents thereof through a passage in the piston and out of a nozzle opening. According to the method for after service of the mobile terminal, the inconvenience of the user to visit the AS center can be reduced.

1459825867-2a2a7409-3974-4261-af7c-af511861145a

A higher value of an anisotropic magnetic field can be acquired by using a magnetic material where Cr is not added as a material of a magnetic layer on which magnetic data is recorded. The adhesive composition has a stringing length of 9 cm or less and a sag distance of 10 mm or less. A nozzle body comprises dispensing nozzles.

1459825867-31702eae-421f-41c9-be87-92d9acae580d

A mosquito misting system is described having a liquid reservoir that is operably associated with a fluid pump and motor and fluid conduits to transmit a fluid insecticide to one or more dispersal nozzles. For each input value, an appropriate sub-table provides an output value that is the result of a non-linear transformation applied to the input value. This operative unit is directly or indirectly connected to external control apparatus. The cushion is placed over the edge of the swimming pool so that the support member completely encompasses the swimming pool edge. Moreover, the method includes applying road wheel angles and angular rates as feedback signals to construct a servo control system with the multivariable controlled plant and the multivariable road wheel controller to implement the left and right road wheel angles tracking for left and right road wheel reference angles. Preferably, the transistor layer has a plurality of MOS devices therein.

1459825867-e5ea0a09-43ef-4067-82e4-e9663bdce5a3

The present invention relates to a method, computer program product and system for a general purpose dynamic memory allocator that is completely lock-free, and immune to deadlock, even when presented with the possibility of arbitrary thread failures and regardless of thread scheduling. A serial-to-parallel converter circuit in each receiver circuit converts a serial data signal into parallel data signals in response to one of the synchronous clock signals. The result may be analyzed, determining a location for the macro based on the location of the corresponding synthesized circuitry. The first substantially horizontal member is supported or attached to first and second collars positioned on the first and second elongated substantially vertical members such that movement of the first and second collars adjusts a vertical position of the first substantially horizontal member.

1459825867-fc29b962-1c75-4f44-a962-9609c3daeb4f

The invention provides a method and device for auto-generating GOOSE signal connection topology from substation level based on IEC61850 standard. When the maximum charge amount injected to each pixel by the switching of a switching element, the area of each pixel electrode and the magnitude of the spontaneous polarization of the ferroelectric liquid crystal per unit area are denoted as  $Q$ ,  $A$ , and  $PS$ , respectively, the relation  $2PSAQ$  is established. Only when the detection unit detects that the opening and closing member is open, the stage is moved by the

stage driving unit to the outside of the cover through an opening covered by the opening and closing member. Other embodiments of the invention include closure systems that permit sealing the pouch opening when product is not being dispensed and substantially sealing the pouch around the product during dispensing. The signals received in the additional receive antennas may be multiplied by a rotation waveform to achieve channel orthogonality. The wrap can be easily applied with minimal handling and with limited radiation exposure to operating personnel.

1459825868-1c048e16-fb6e-4c76-8d0f-3a82ae4237f5

A process and installation for automatic optimal location of a servicing operation on an integrated circuit. The metrology station is provided with a first imaging camera with a first field of view containing the measurement region. The control block determines a traffic amount based on an amount of used resources.

1459825868-328bb30b-d770-42a8-845c-181f84f39666

An apparatus and method for the transport and/or storage of developing agent in an image forming apparatus. The measuring device measures a consumption amount of liquid in the sub tank when the displacement member displaces from a first position in a direction in which the consumption amount of liquid in the sub tank decreases. Each middle spacer can have a tapered width and can be wedged between two columns of the conductor strands. This charging forces etching ions to impinge upon part of the second silicon layer located laterally to the trench bottom.

1459825868-72889ac2-7a88-46e2-8a27-931b0e9dbd5d

An insert-indexable tool includes a holder and a head member having an insert mount seat by which an insert is to be held. By preconfiguring compensation parameters for the various paths in the network, an all-optical network can be implemented wherein optical signals can be switched, added or dropped without having to match dispersion maps or perform optical-electrical-optical regeneration. The number of needles would be directly proportional to the length of the base of the device. In addition, an output buffer unit amplifies a signal outputted from the intermediate amplifying unit to produce a full swing signal. However, by adding EMI capacitors on this side of the diode bridge, a high voltage signal path to earth ground is created that may have deleterious effects on the line side circuitry.

1459825868-c5eb273e-6c4d-4073-af59-27534c31f349

Polymer compositions, while providing suitable wrinkle control, also tend to dispense poorly when sprayed. The female part has a head portion, a leg portion, an inner space formed in the leg portion side and opened at the head portion, and an engaging projection formed on the leg portion for engaging the attaching hole. 1 mm; the central disk being of one diopter power and at least one annular ring is of a second diopter power; and at least one anchor attached to said optical portion for anchoring said optical portion anteriorly to the natural lens of the eye. In another embodiment, a method for calibrating an analog-to-digital converter including a fixed gain amplifier, an input buffer and a modulator generates an offset correction value using normal and polarity inversed input samples.

1459825869-4afaab77-c347-4837-80fe-33aced5368fc

An isolation layer for suppressing a leakage current is provided at least between a channel layer and a buffer layer formed under the channel layer in the buffer layer. The pressurization of the gas specimen virtually produces the same effect as increasing the concentration of carbon dioxide in the gas specimen, thereby improving an SN ratio for the analysis and hence data reproducibility. The inlet duct is configured to extend from the auxiliary power unit to the aircraft housing and has a sidewall that defines a flow passage through which APU noise propagates. A gridwork including one or more grid dividers may be used in the rectangular inlet frame to provide 2 or more openings for receipt of filters. The heelpiece includes a manually-operated command device structured to displace the latch element forwards and backwards on the turret to stably lock the latch element in an

advanced position and in a retracted position. In this case, a threshold variation of the first and second transistors is corrected.

1459825869-64202ee1-08e7-4fb8-9d8f-01e865b16206

A method and apparatus for dynamically controlling variation in an attribute of a light beam employing materials with unusually high electrooptical coefficients that are subject to optical damage from the light beam being controlled. A port tester is provided that is used to quantitatively measure the optical quality of ports. The model calculates the measure of relevance that a document from a given database is relevant to a given query. A method of making and installing and various parts, such as the starter rail and block are also disclosed. Guardrail assemblies including a support member and methods are further provided. According to the semiconductor device, leakage current at the isolation edge can be suppressed and thus reliability can be improved.

1459825869-84727926-1e9d-4175-8735-ad82bbe0f21c

A display apparatus and a control method thereof, wherein output of a backlight is reduced depending on the remaining amount of a battery or a pixel of an input image, and a brightness value of an output image is increased to compensate for the reduced output of the backlight. A housing member connected to the framework has two pairs of parallel walls having laterally aligned elongate first slots and laterally aligned elongate second slots, respectively. The foregoing technical solution shortens the time spent by the pending node in monitoring the beacon, and reduces the time spent by the pending node in requesting to join the network.

1459825869-c4373b53-5699-464e-908d-8cff41efae2e

A method according to one embodiment includes receiving a tape cartridge at an apparatus having a plurality of modules configured to at least read data stored on a magnetic recording tape of the tape cartridge, each of the modules having an array of readers. Security tools are described that provide different security policies to be enforced based on a location associated with a network environment in which a mobile device is operating. In one embodiment, the single crystalline semiconductor plug seals the trench to form a sealed core.

1459825869-efdfdbb31-2d46-419a-96b7-16de9d254539

A baffled roll vent for covering the ridge slot of a roof for allowing ventilation from the space of a building below the ridge slot, the baffled roll vent comprising a unitary panel defined by a length and a width, said width terminating at discrete louver portions. Each of the opposed longitudinal edges of the sunscreen near to the second one of the transversal edges is provided with a wing folded inwards around a positioning member having a stationary position relative to said second transversal edge and extending into a corresponding one of said opposed longitudinal guides. 4 sccm or above per a substantial volume of one liter of the reaction chamber. The base includes a withstanding portion and a second hitching portion corresponding to the first spring portion and the first hitching portion respectively.

1459825870-1ed2eeb1-2ca7-4105-b324-a7117bb5217a

In a process for the combinatorial production of a library of materials in the form of a two-dimensional matrix in the surface region of a planar substrate by sputtering, the planar target used for the sputtering is arranged in parallel to the planar substrate and has surface regions of different chemical composition. An access program module, connected to at least one file system, intercepts a data request for accessing a plaintext file with information stored physically and consecutively on a hard disk and having a pre-determined order and length expected by a program that sends the data request, wherein the plaintext file includes a plaintext record having a key field and a plaintext data field. A membrane is disposed between the object plane and the detection surface of the semiconductor detector, wherein different semiconductor detectors have different membranes

located in front, the different membranes differing with respect to a secondary electron transmittance. A hydraulic pump is rotatably mounted on each end cap, and each hydraulic pump is driven by a pump input shaft. A storage medium storing a computer program for causing a processor based system to execute these steps and an apparatus for use with content are also disclosed. The application displays and refreshes images that are intended to represent users or members of a social network or other web-based service.

1459825870-99a65e6d-c3df-4b2e-8bfc-b9bc5b7918aa

A radiator grille mounting structure for facilitating the mounting of a radiator grille. This object is met in the liquid line of the above-type by providing the insulating tape as an adhesive tape whose adhesive can be glued to the plastic layer. The support ring protrudes below the lip cavity and above the shoulder. One end of the ground line is connected to the ground of the circuit, and the other end of the ground line is disconnected. When the charging voltage exceeds the maintained voltage, a reset signal is generated by the logic circuit.

1459825870-a80d453b-042e-4984-b9d9-af4f717da36f

A process for preparing an aqueous aminoplastic urea-formaldehyde resin suitable for use in bonding lignocellulosic materials, which provides products of very low formaldehyde emission while maintaining superior performance. The power detector detects for total received power of a received OFDM signal, e. A metal decorative silhouette is placed on one of the major surfaces of the stained glass panel and is joined thereto by applying a joining material to an aperture formed in the silhouette.

1459825871-0498ae3d-9661-43d9-8129-6ec18578c9c3

The office gym exercise kit is a portable exercise kit that provides for a number of exercises to be performed by a user, including arm, leg and back exercises. The weight distribution surface is only attached at the apex of the arch of the arching pressure surface. In particular the method relates to the softening of water after the main wash of a ware-washing machine, in particular in the rinse cycle of a ware-washing machine. If the present state information is different from the previous state information, the state information processing module releases the present state information on the social network interface.

1459825871-34a62163-3b86-4128-932f-8a6af118edf2

A method and apparatus for repairing isolated chondral defects using synthetic implants. The filter accepts visible spectrum light. The beat time template generator determines all the harmonics of the fundamental key and the secondary key.

1459825871-423df545-639c-4aca-8a3c-ad4bab31f8fb

Semiconductor processing methods of forming integrated circuitry, and in particular, dynamic random access memory circuitry are described. The first and the second driving unit are respectively disposed at a first driving channel and a second driving channel and respectively output a first driving signal and a second driving signal for driving a first load and a second load during a channel output period. From the lower side of the silicon substrate, an opening is etched in which ends at the lower side of the silicon nitride layer. Each of the columns comprises at least one node. A semantic similarity is calculated between pairs of concepts of the search expression and one of the corpus expressions.

1459825871-965e81e6-b3be-43a3-bcc8-4b4c70479147

A wireless guitar synthesizer for creating theremin like sounds on an unmodified electric guitar. This actuator has an inner needle hub fixed at the front end thereof and is formed with an actuating member projected outside the holder sleeve. The second electronic device includes a second output unit, a second communication unit, and a second controller outputting supplementary contents, related to the

multimedia contents, through the second output unit on the basis of the supplementary information received from the first electronic device. A dispensing nozzle is affixed to the other free end of the elongated tube.

1459825871-9869d630-80e7-457a-9bb9-62dfc8e8e9a4

An ultrasonic welding device for welding two components has a rod-shaped first sonotrode for the generation of longitudinal waves and is coupled on its first end to a first converter and on its second end opposite the first end to a second converter. The rotation features include two pairs of wheels, wherein one of the pairs of wheels is attached to one side of the support structure and another one of the pairs of wheels is attached to another side of the support structure, each pair of wheels comprising a front wheel and a rear wheel. , for munitions providing an increased kill and casualty area and a fire \u201cin defilade\u201d capability.

1459825872-3ce33c06-c7bc-4a3d-aef8-efd5f98d85cd

A highly sensitive, non-contact tank probe to measure surface conductance of thin film structures, and a method for using the same, are described. This interference is caused by the non-shooting hand unnecessarily providing force for the shot as well as the fingers on the non-shooting hand dragging on the side of the ball. At least two second doped regions having a second conductive type are formed in the substrate, wherein the second doped regions are located adjacent to both sides of the first doped region respectively, and the first doped region is separated from the second doped regions with an isolation region. The tensioning mechanism includes a cinch track engageable with one of the pair of sutures. Further, the step of determining a restricted distribution includes calculating the test statistic for each of n plurality of restricted random allocations of the n plurality of physical events over the n plurality of sample locations. As a result, a specific proportion for the color lights emitted from all the LED chips and from the fluorescent material in every direction of a space can be maintained, and that a better spatial color uniformity can be achieved.

1459825872-993122db-28d5-4d23-ac1d-d1ffa41b5acc

A hoisting device can be small-sized and energy can be saved. The compounds of formula are useful intermediates for the preparation of angiotensin II antagonists. Weakened lines of the substrate define an integrated removable portion capable of being held in the form and easily removed manually when desired.

1459825872-9fa4d896-129f-41ec-b3e0-cdc5766d50a

A method and structure for a primary device adapted to communicate with secondary devices. A switching contact is axially movably mounted to the actuator to rotate with the actuator. Plastic discs, when mounted on the rods, can be used to position construction articles such as clay pots or aid in locking two rods together. The first and second capacitors comprise a first conductor layer overlying a second conductor layer with a dielectric layer therebetween. Antisense-based reagents, such as tbdn-1 antisense construct or biologically stabilized oligonucleotides, or any compound which would elicit the downregulation of tbdn-1 level or activity and the same biological effects as tbdn-1 antisense construct on bone tumor growth in vivo provide valuable alternative or supplemental therapies for bone cancer. Instead of the standard mutation operator in evolution strategies this mutation operator works on the representation of the problem design.

1459825873-159f277f-1068-4ae7-bfd0-ff93f1737f0d

A device may identify signal channels for connecting circuit blocks, where each circuit block is associated with a block implementation area corresponding to a substrate. The device comprises a housing a ratchet member, a check member, a pivot control device comprising a fixed cam, a rotational com and a torsion coil spring. The optical processing circuit is arranged to change the state of each digital optical output signal corresponding to a respective different value of the analogue optical input signal, and an optical combining circuit for combining the optical

output signals in order to generate one bit of the N-bit digital optical signal.

1459825873-31399ba0-4bd3-4996-a7cf-ae2218a13171

A method of modulating and/or demodulating a signal in a communication system and a terminal for demodulating a signal received from a base station are provided. Further, an apparatus and method for switching between a permanent connection port and a transient connection port are provided. Next, the system compresses the data-word into a compressed-word.

1459825873-54c12916-5370-4800-906c-bb4eb5529b52

A method of updating a content detection module includes obtaining content detection data, and transmitting the content detection data to a content detection module, wherein the transmitting is performed not in response to a request from the content detection module. The inter-frequency handover can be an inter-frequency handover within a same system, or an inter-system handover. A cross-coupling algorithm may be used to cross couple different sensed inertial motions. By such a processing method, exposure and sublimation of a chalcogenide film used in the resistive storage element can be avoided. The method involves embossing opposite surfaces of a green silicone rubber sheet, arranging a transparent panel, silicone rubber sheet, solar cell matrix, silicone rubber sheet, and backsheet to form a multilayer assembly, and heating and compressing the assembly for vacuum lamination for establishing a seal around the solar cell matrix. The aggregated database includes information regarding the value of each device attribute and also information regarding the probability that this value is correct.

1459825873-dcf82fa8-e301-4d35-81c5-aceabfd2e5f3

The present invention relates to three dimension scene representations and in particular to a method and a processor for providing improved 3D scene representations. In one aspect, the method includes the step of heating organic-rich rock, in situ, within a subsurface formation at a first depth. Each pair of terminals includes a first terminal and a second terminal. The tag axle assembly is mounted to the chassis rails of an agricultural vehicle and positioned to fit between the chassis rails when stowed and minimizes the load per axle of the vehicle when deployed. In one exemplary implementation, the different user selectable operating modes of the chuck may be used to actuate a motor direction switch of the drill. , the compressor is then operated at 100% capacity.

1459825873-df530eaa-1812-4857-9874-6a1078a6f4a9

A multi-spindle machine system includes a pick-off attachment. Respective failure counts are preloaded with the respective values of redundant rows and columns available for repairing the device. The electric motor drives the compressor. The lugs on each conveyor may be closely spaced or overlapping to allow for selective actuation at a desired instant in time without the need for timing the corresponding chain or the carton feed.

1459825874-a169100f-2d50-42e3-a8b8-8eb77e4fccaf

A SYN packet bandwidth Distributed Denial-of-Service attack is defended against by intercepting and identifying SYN packets in a \u201cDDoS gateway\u201d advantageously positioned at the edge of the network to be protected, and by queuing these intercepted SYN packets in a separate queue from other TCP packet queues. The memory system includes a controller and a non-volatile memory circuit, where the non-volatile memory circuit has a first section, where data is stored in a binary format, and a second section, where data is stored in a multi-state format. The washing device is arranged to be used by means of a driving device, such as a running motor and gear or a like. The first end portion includes a first tubular extension having a first through passage in communication with the interior area. The covering substrate includes a non-metallic covering with a tab defined within the perimeter of the substrate. The present technology can be applied to a semiconductor device and a method for manufacturing the semiconductor device.

1459825874-b5be8124-8d1b-4c38-83d1-a1a81314d9b6

The present invention relates to a method of building instrument variation tolerance into calibration algorithms for spectroscopic devices for chemical composition analysis with spectroscopic methods. Each cluster includes one or more data type, such as images, web pages, local information, news, advertisements, and the like. A clip made of spring steel is also provided. within 1-30 seconds; continuing heating to a holding temperature of 750\xb0 C. One such method, among others, includes receiving control data related to a communication and routing the received control data to at least one recorder via a layer 3 protocol.

1459825874-e63280f3-39d8-4a03-8787-b199cc032bdd

Portable force feedback controllers designed to be worn on a user's limb, track the movement of the user's limb, and provide force feedback capability. A bipolar transistor has a base terminal B connected to an output terminal c1 of an operational amplifier, a collector terminal C connected to a low power potential, and an emitter terminal E connected to a resistor R2. The rear conductive layer defines a continuous void, where the void separates the rear conductive layer into a first area to be energized to electroluminate and a second area that is not energized. An inlet for developer is provided at the first end of the developer chamber and an overflow is provided at the second end. Further, the computer server synchronizes the GPS data file with the video file based on the timestamp of the synchronization video frame and the synchronization portion of the geographic data.

1459825875-252eee4a-144c-4aab-9273-2b3aa59a4fe2

In an arrangement where the device that is known to an ISP is communicating with the ISP through an interposed device that is not known to the ISP, the interposed device captures the known device's MAC address upon startup and clones the captured MAC address in all standard packets that it sends to the ISP. The system analyzes the information inputted or selected by a user, creates an animation movement by using the analyzed information, and selects an object and a background by using the analyzed information. The first connector and the second connector are electrically joined each other. The method comprises: forming a PCMO thin film with a first crystalline structure; and, changing the resistance state of the PCMO film using pulse polarities responsive to the first crystalline structure. The hull further includes an outer side surface extending from the rimless proximal end of the hull to the seat surface of the hull.

1459825875-7dc5b8fc-2002-4253-b764-0f7a0c5b85d3

An image forming apparatus includes a vibration applying member for vibrating a developer containing unit in a state where a conveying member for conveying a developer is stopped in a developer cartridge. The pressure gage includes a housing having a first fluid pressure chamber, a second fluid pressure chamber, and flexible diaphragm separating the first fluid pressure chamber from the second fluid pressure chamber. , made of aluminium or an aluminium alloy, or even stainless steel, which is capable of delivering high outputs, in particular with a surfaceoutput ratio possibly going as high as values on the order of 40 Wcm<sup>2</sup>, while at the same time maintaining good dielectric performance levels andor being capable of delivering an even degree of heat over an entire surface.

1459825875-db9ffdd4-eb42-4853-8326-52ceb6a47569

Devices and methods for removing an obstruction from a blood vessel are described. The manual large game carrying device can be turned by a handlebar configuration which engages a front fork axle assembly at the framefront forkhandlebar junction. A microprocessor in a Fibre Channel Adapter of the first storage control system determines whether to form a logical path with the second storage control system on the basis of the key information and the control system information that is received from the second storage control system.



1459825875-e78be109-51f5-4413-a112-3c44671db04e

A system and method for testing at least one joint in a linkage includes a platform system, a torque system, an articulation assembly and a fault detection system. The satellite communication device includes an acquiring section, a storing section, and a control section. The circuit can remove such distortion from the input signal without substantially delaying the input signal. Furthermore, the rekey distribution process transmits, from the key server, a unicast rekey data message to each group member device from which the key server did not receive an acknowledgment message. The support member can be at least partially transmissive to the at least one energy. The patch panel rack may be mounted to a cable management pathway substantially above a telecommunications cabinet to allow cables passing therebetween to maintain a desired bend radius.

1459825875-ee5c6feb-cf19-4318-8e34-59c9c4152293

A method and apparatus for patterning a substrate are provided. The aim of the method is to eliminate the disturbances caused by the mesh being overturned during the motion estimation process. A load adjustment module adjusts an impedance of the electronic load to equal current passing through the electronic load to the target output current of the voltage regulator. A second interface is disposed over at least the second end of the conductive material, which serves as a bonding and/or electrical interface between the first conductive member defined on the first structure and a second structure of the multi-layer semiconductor device structure.

1459825876-46a32b7f-4eb2-46d3-afba-202e63dec3d5

Described herein are methods for the production of monoclonal antibodies in filamentous fungi host cells. Degradation of the humidity sensor may be determined based on a change in intake air relative humidity as compared to a change in intake air temperature or pressure, under selected conditions. A second partition element separates the transition flow region into a first transition flow chamber and a second transition flow chamber. are disposed so as to be deviated from the track center towards the innerouter region of the optical disk 2, thereby recording such subdata as key information KY, etc.

1459825876-4dd7b11f-fd71-4eec-86c6-3ef74f71a56d

A computer-implemented method includes receiving at a computer server system, from a computing device that is remote from the server system, a string of text that comprises a search query. The friction wheels are arranged to exert a friction force on sections of a paper. The piston is operable to translate axially relative to the cylinder between an open position and a closed position, and includes a first extremity positioned outside the cylinder and a second extremity positioned within the chamber.

1459825876-53df8f61-cf60-4006-b6fe-351626f76619

The present invention relates to a cosmetic cotton-like material having excellent air permeability that is prepared from the paper mulberry by removing fiber-binding substances such as pectin and lignin from the paper mulberry fiber, a preparation method thereof and a mask pack comprising the cotton-like material. Each individual bit of a first operand is multiplied by every bit of a second operand to generate partial multiplication results. The flexible dielectric layer flexes in response to voltages applied to the at least one electrode to move the reflective element in a direction generally perpendicular to the first reflective layer.

1459825876-7cd0b338-a388-49eb-89d0-50530a7886c4

Apparatus for controlling the excitation current of a variable frequency generator including means to create a voltage-regulated DC link using PMG power and frequency information, the latter being the image of the VFG mechanical input speed. The press lever has one end pivotally combined with a connecting member, and the piston rod has its lower end fitted with a piston. Here, the hole-injection layer is a metal oxide layer formed by oxidizing an upper surface portion of the anode

composed of the metal layer. The vanes include different cooling configurations to bias more of the coolant to the inboard sidewalls than to the outboard sidewalls. A switch switches the output packet to the routing process of the destination. The transmitter converts the video created by the video processor into video in which one of the color signal and the frame rate takes precedence over the other one in accordance with the specific information, and transmit the video thus converted to the video receiver.

1459825876-a6a85e7c-903b-4fb7-880d-65184882851a

An inlet flow of heat exchange fluid flows from an inflow housing inlet section, and through an inflow housing main section. The ceramic boron-containing dopant paste further comprising a set of solvents, a set of ceramic particles dispersed in the set of solvents, a set of boron compound particles dispersed in the set of solvents, a set of binder molecules dissolved in the set of solvents. First and second interlocking features, which may include a plurality of circumferentially arranged tabs received in the slots of circumferentially arranged flanges, secure the housing portions together. can be aspirated from the larynx area of the throat by suction pump. Each of the N bits of the second value whose corresponding queue is enabled is false.

1459825877-1310eb33-fc59-4add-96b4-4e8b7e794b42

A tubular endoprosthesis including a polymeric material is disclosed. The repair material is inflated to press the repair material against the inside wall surface of the pipe; and heated air is conveyed through the inflated repair material from the bottom opening to the top opening to cure or mold a thermal responsive component of the repair material to the pipe. Accordingly, the phase changeable material layer may be formed at a low temperature and power to have desirable electrical characteristics. Preferably, the liquid is blood and the capacitance is used to determine the clotting time of the blood.

1459825877-356b09c1-59c0-4a5e-ab8a-984ab44f4c73

An apparatus and method may be used for welding a first panel to a second panel, the first panel having an inboard side partially contacting the second panel and an opposite outboard side. The invention is particularly suitable for use in connection with thermal power plants fired by fossil fuels, and is also well-suited for retrofitting in existing thermal power plants. The cage bar has radially outside projections on an outside periphery thereof while radially inside projections on an inside periphery thereof to keep the rollers against escape out of the cage.

1459825877-4d9aa1dc-b31e-4205-b6f5-af9fa6169953

A foam play article comprises: an elastic tube for forming an elastic rubber layer; a foam formed by foaming polyurethane materials in the elastic tube ; and a coating layer coated on the elastic rubber layer. It exhibits upright and uniform growth with abundant flowers. Each bistable cell comprises at least two elongated members that are connected to each other at their ends.

1459825877-99f455d8-aa91-4d67-aec9-beac9caf508e

The present invention provides a system and method for transmitting information between a device within a housing to a second device, preferably a test or monitoring unit, outside of the housing. The quartz crystal tuning fork resonator has a tuning fork base, a pair of tuning fork tines connected to the tuning fork base, a series of grooves each formed on opposite main surfaces of each of the tuning fork tines, and a series of electrodes each disposed in a respective one of the grooves. The method comprises collecting network traffic statistic data of multiple items, wherein each of the items corresponds to a state change of multiple mobile units within cells of the network; determining whether a plurality of criteria are met according to the network traffic statistic data; and detecting the ping-pong effect between the cells according to the result of the determining step.

Methods for producing a maize plant containing in its genetic material one or more traits introgressed into 10028290 through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. The walls have a photolithographically patterned polymer.

1459825878-19131011-ce64-4ae2-9273-dfdbbfa8a31e

An image display apparatus which displays an image as a transmitted projection image includes: a tread-board of a step which has a first projection surface and transmits a projection image projected on the first projection surface; and a cross-board of the step which has a second projection surface and transmits a projection image projected on the second projection surface. The system includes a power routing subsystem coupled to the source and grid, and adapted to operate in a bypass mode, in which energy is transferred from the source to the grid. The computing system further includes a floor tile supporting the enclosure.

1459825878-343088fd-3fa4-4014-b29a-fa0a1827d161

Human proIslet Peptides and HIP analogs and derivatives thereof, derived from or homologous in sequence to the human REG3A protein, chromosome 2p12, are able to induce islet neogenesis from endogenous pancreatic progenitor cells. The method also includes modifying at least one role in response to determining the user information related to the access to sensitive data. A mode selector in a button shape sets a selected one of an AE mode and a night scene mode. The periphery contains a plurality of openings. Specifically, methods of the present invention are effective in tumors that have initially been unresponsive to taxane therapy, or have developed resistance during the course of treatment. The magnetic clamp preferably includes a magnet having a strength that is selected based on the clamping force required between the first member and the second member.

1459825878-4c9338dc-eb17-4bd8-8c4f-74abcbaea223

Angle of incidence measurements along an axis of ion implantation are obtained by employing positive and negative slot structures. The mask pattern generator is disposed over a substrate and electrically connected to the microcomputer system. The corresponding transformation matrix is decomposed into a plurality of individual transformation operation matrices and a discrete transformation operation value, from a corresponding individual transformation operation matrix, is generated for each transformation operation to be performed upon the rasterized data. An energy-saving operation can be achieved in a simple manner by continuously measuring the fuel gas pressure at the outlet of the at least one control valve.

1459825878-c3ec3d36-d76e-4c61-9d02-765add913854

An internal voltage generating circuit includes a first detector that compares an internal voltage and a first reference voltage to output a first detection signal. In one aspect, the tread component may be comprised of a sulfur curable polyurethane or blend of sulfur curable polyurethane and sulfur curable elastomer. Thus whenever an opportunity to enter a low power mode comes up one has to just check this feasibility variable to determine whether the low power mode entry is viable or not.

1459825878-dcfa6b35-39e2-4165-9e6a-c751a4938e80

An environmental condition detector emits only safe, validated verbal messages recorded in a user's voice to help occupants of a building respond safely to sensed environmental conditions. This is achieved by the novel control of the position of the staple heads and the saddle-shaped supports in the region of the interaction during stapling. Working fluid of the turbine enters the channel at the inlet and is directed along the channel where kinetic energy of the working fluid is transferred to the rotor by way of blades positioned within the channel. Effective processing parameters for separating, drying, cleaning, flaking, obtaining the oil from seeds, stabilizing through refining and bleaching and deodorizing the oil are described.

1459825879-20d87fab-b550-4e93-a5c7-f6f7195994ce

An improvement in manual bar code readers to improve the reliability and eliminate read errors. The cartridge selectively controls flow in-line in the same direction as opposed to directing flow at a 90 degree angle like other cartridges. A hydraulic circuit supplies a fluid at a constant pressure to one of the two chambers and supplies the fluid at a controlled flow rate to the other of the chambers via a servo valve.

1459825879-3c76d59c-e111-48d7-989b-91c201bf1a12

A method to distribute policies may include transmitting one of an identification assigned to a policy template or the policy template associated with each policy to an enforcement point or selected enforcement points for enforcement. Thereafter, tracking balance adjustment of adjusting the servo mechanism is executed so that a tracking balance deviation is cancelled which is an amplitude difference between the upper side and lower side relative to a reference level of a waveform generated in a tracking error signal when the focal point of a light beam applied to the disk crosses a track of the disk. Moreover, the apparatus of the present invention faithfully reproduces tonality and has a high developing ability. Preferable the integration method is a Midpoint method.

1459825879-6091568d-0e00-4758-96b7-4d9d187bbe95

Molecules according to Formula One:wherein R10 is selected from the followingare provided. In at least one embodiment, the reinforcement assembly comprises a carrier member having a front side and a back side, a plurality of mass support sections, and at least one bendable portion disposed between adjacent mass support sections. One end of the optical multiplexer is connected to the second Mach-Zehnder interferometer and the third Mach-Zehnder interferometer via the first phase change unit.

1459825879-609da39f-3d2f-472f-b5a3-68af28a7bd16

A method and apparatus are disclosed for an optical fiber cross-connect switch incorporating an absolute position encoder and a magnetic actuation system into its alignment system. A corresponding dust protection device defines a channel extending from a radiation inlet opening, facing the laser unit, to a radiation outlet opening, facing the target. The second opening in the plug is connected to the first opening and the second opening has a first diameter and a second diameter and the first diameter is larger than the second diameter and the second diameter is the same as the single uniform diameter of the first opening.

1459825879-c90eabc9-82d3-46d3-a577-02100ca51a5f

A method of fabricating integrated circuitry includes forming a conductive line having opposing sidewalls over a semiconductor substrate, and having an outer etch stop cap. Embodiments of the disclosed sensor utilize state-of-the-art microprocessors and digital processing techniques to reduce power consumption and integrate functions into a small device. The solution may be anhydrous or aqueous. Advantageously, such self-regulation can be provided without an external power source and can be varied to meet the requirements of different commercial applications.

1459825880-0596bd27-4b2b-4417-a891-80e03319bb3d

An oscillatory wave motor, a lens barrel, and a camera system are provided, which have long service lives and which are stable. It consists of a tank suspended upon a base and moved by a vibrating device, having a treatment channel designed to receive a drying material and the articles for treatment. The catalyst provides an enhanced life and activity for carrying out the transalkylation reactions at relatively low temperatures. The SAE-CD serves to aid in dissolution and stabilization of the clopidogrel in aqueous media. An article which can be tested by this method, and which is useful in the manufacture of electro-optic displays,

comprises a layer of a solid electro-optic medium and a release sheet comprising an electrically conductive layer.

1459825880-0cf6d95c-37bf-46a9-81a3-db57cc2f9656

Wireless communication method and system for improving optimal antenna weight derivation in transmit diversity mode during soft handover. The electrical connector either has first and second electrically conducting pins extending from the base and stepped mating surfaces, respectively, or has first and second electrically conducting sockets extending from an interior portion of the electrically insulating body to the base and stepped mating surfaces, respectively. In a preferred embodiment, gas pressure is measured at a plurality of selected locations within the refuse portion of a landfill, and in the case of an unlined landfill in the supporting soil below the landfill, and the measured pressures are used to estimate LFG generation rate and gas permeability of the landfill. The similarity probability corresponds to the similarity measure. The present invention allows the knuckle or other machine component to remain on the machine, thus greatly reducing the time required for bearing service.

1459825880-1b59233c-ab3f-4036-a7b7-53e2a8c42ee8

TruCast is a method for management, by way of gathering, storing, analyzing, tracking, sorting, determining the relevance of, visualizing, and responding to all available consumer generated media. It was selected from the progeny obtained following a controlled pollination of \u2018Imperial\u2019 mandarin\u2019\u2018Ellendale\u2019 tangor in 1984. The one or more ports are aggregated to a logical port in a logical communication channel.

1459825880-53c73412-dd15-49dd-8738-c0e6f6d7a053

A phantom is provided with: a reference marker at a predetermined position thereof; a positioning reference surface, to be placed into contact with a chest wall abutting surface of a support table of a mammography apparatus; and a pattern region for measuring distances from the reference surface, perpendicular to the reference surface. The power source includes a fluorescent ballast electrically connected to the connectors of a light fixture for receiving an input voltage and for converting the input voltage to a lamp voltage suitable for powering a fluorescent lamp. A preferred embodiment of the hearing aid/portable module combination utilizes Miller-coded direct sequence spread-spectrum radio signal transmitters and receivers for transmitting and receiving data between the hearing aid and the portable module.

1459825880-a805678f-8760-45be-80fe-34b57d0466ca

A waste fluorescent lamp dismantling method and apparatus is set up to clamp two ends of a waste fluorescent lamp adjacent to its aluminum caps, and to maintain an airtight seal between the clamp sections and the aluminum caps, so that when the aluminum caps at two ends are separated from the waste fluorescent lamp, the gas and vapor in the lamp tube will be prevented from escaping. A content mapping platform receives an access address of content, the content including location information. The shielding parts can be fastened to the supporting substrate by means of fastening attachments which engage into first recesses of the supporting substrate. The casing-sheath is retractably housed inside the housing space, formed in the stern platform. In the extended position, the antenna is electrically connected with the personal computer card and can receive and transmit signals. The connections include conductors to allow reference clock signals from the PLD logic core, or from outside the PLL, to be used by the PLLS, as well as conductors that allow the PLD core to control the phases of the PLLs.

1459825881-2dfffb18f-cc4d-4cfe-a303-4475da9df0b9

A method of reducing the size of a lung by collapsing a target section of the lung includes delivering within a lung air passageway leading to the target section an intra-bronchial device. The system generally comprising a circuit and a

programmable portion used for diagnostics and finding bugs. Also, a circuit that equalizes a wiring higher in the capacity component is driven by a higher voltage level according to the wiring capacity component of the sense amplification power supply line and the bit lines. The method further includes communicating the second periodic data signal over the voice channel of the wireless communication system. The fiberboard can include two or more compressed fibers; less than 10 wt % of resin and wax, based on total weight of the fibers; and a coating comprising at least one colorant, wherein the colorant covers at least 70% of the fiberboard surface. The drive control system includes at least one cabling transition cabinet housing cabling between the at least one motor control cabinet, the power supply line, and the variable frequency drive.

1459825882-cfc061fb-deef-440d-8a08-d63b506929c4

A portable electronic device includes a housing, a display module received in the housing, and a light source device received in the housing. The handheld device includes a keyboard, a display, and a processor. Generally, a screw conveyor augmented with a jet port is used to move the material where the jet port provides a gas to provide a make-up volume of the solid material.

1459825882-fb65d051-49e5-4d2e-8b08-8011dd5f6649

A high pressure phase spinel type sialon represented by the chemical formula  $\text{Si}_6\text{Al}_x\text{O}_x\text{N}_{8-x}$ , and a high pressure phase spinel type silicon oxynitride represented by the chemical formula  $\text{Si}_3\text{O}_2\text{N}_4$ . The prosthesis has first and second side portions with a connecting central portion, and is designed to span an imperfection with opposite ends positioned on opposite sides of the imperfection. Each of the loops has a substantially equal diameter. Demultiplexed IHS video signal information is received by a video interface receiver, where it is used to generate an image on a digital display. Once all the recipient partitions have read the data, the global memory is reverted to a read and write memory.

1459825883-1684b758-4f58-4467-a2ba-86a507760c50

An inkjet printer ink cartridge, which improves upon the ink cartridge of a conventional inkjet ink cartridge, whereby need for sponge within the ink cartridge is eliminated, and a siphon device is configured within the ink cartridge. The invention proposes a pharmaceutical composition containing 1) a non-cationic amphiphilic molecule or macromolecule and its use for delivery of nucleic acids or 2) a cationic amphiphilic molecule or macromolecule that transforms from a cationic entity to an anionic, neutral, or zwitterionic entity by a chemical, photochemical, or biological reaction and its use for delivery of nucleic acids. The station module includes at least one switching device for selectively providing a first power signal that energizes the corresponding solenoid actuated valve. A strengthening ring may be shaped, sized and configured to substantially mate with the geometry of the second end of the body and be placed thereover.

1459825883-f6cb463a-69fa-4cb2-98cf-e80ed042c881

The present invention relates to a semiconductor device with a plurality of mark through substrate vias, including a semiconductor substrate, a plurality of original through substrate vias and a plurality of mark through substrate vias. The trench has a lower trench region, in which the capacitor is disposed, and an upper trench region, in which an electrically conductive connection from an electrode of the capacitor to a diffusion zone of the selection transistor is disposed. The contents of the first and second vessels are emptied into a dialysate preparation tank and mixed with water to form a batch quantity of dialysate solution. If it is likely that a collision will occur between the detected objects and the local vehicle, a warning is automatically generated to notify the vehicle operator of the impending collision. The templates may also be associated with various system states such that messages corresponding to a particular template cause a state transition along a particular edge to a next state node at which another set of templates are defined. It is characterized in that it includes a main burning block

having a fuel and air cell connected to the solid fuel supply chamber and air outlet vents formed on the external wall surface.

1459825884-653e585d-87d4-4bb0-96e3-03a0ad163ac9

This invention relates to compounds which are alpha-1 receptor agonists, preferably alpha-1AL receptor agonists, and which are represented by Formula I: wherein m, A, X, Y, R1, R2, R3, R4 and R5 are as defined in the specification; or individual isomers, racemic or non-racemic mixtures of isomers, or pharmaceutically acceptable salts or solvates thereof. The promoter region is useful to screen a compound that regulates the promoter of the human p27Kip1 gene or regulates the activity of the promoter. If so, the data is forwarded to the two storage systems. Furthermore, short term cut length variation is further reduced by minimizing the tension of the web just prior to the material being cut.

1459825884-86412629-c422-4ea4-8d84-7f45d39ee233

A single wireless system that implements both baseband and non-baseband applications can be provided in a way that securely prevents inadvertent or deliberate alteration of protected code. Based on the monitored performance, if an estimate of future performance of the telecommunication feature for the telecommunication customer is determined to be unfavorable, the telecommunication customer is informed of same. This results in a considerable increase in the collector-emitter breakdown voltage up to 30 V or more being possible without having to except limitations with regard to dielectric strength and on resistivity.

1459825885-017d9e86-0483-45e5-a303-c64561b4c0c5

A magnetic resonance imaging method includes acquiring a baseline magnetic resonance image of a region of interest in the absence of a contrast agent and simulating an increase in image intensity of a subregion of interest within the region of interest which is subject to increased image intensity in the presence of a contrast agent. The process comprises the steps of: applying an aqueous based sealing composition comprising a polymeric resin to said porous substrate, evaporating the water and forming a water repellent coating of said polymeric resin on said porous substrate. In intermittent periods it is controlled ON and OFF by a battery powered alarm clock circuit built into a toothbrush.

1459825885-6e704432-a2c1-4bec-92ea-27abb03b2e26

A metal cutting tool having an insert holder and a cutting insert releasably secured therein. Each optimization mode may define processing element selection criteria and/or host selection criteria. 7% with respect to an orbital frequency at the charged-particles' extraction portion, during a time of injection to extraction of the particles.

1459825885-7f097252-0e14-4a88-b452-a8efa662ff98

A novel polytetrafluoroethylene material includes a plurality of aggregates connected together by a plurality of relatively long fibrils. The implant is expandable to establish and maintain desired intervertebral spacing during fusion. Protruding from the center of an upper side of the rotating casing, there is a rotating shaft.

1459825885-96d3ad7c-9f27-48ff-a122-eb8a2d8f0131

A method for smoothing input current to a power delivery system having regeneration capability. The display-card electronic comprises an external device and card-type device receiving the external device. The sanitizing agent including ozone in the package is transferred to the product or object while in the package. The hard mask layer is then removed.

1459825885-9dae7db0-e860-423b-8f40-1e8f441a0b7f

Data access time in content delivery networks is improved by storing files in cache servers as file bundles. The hierarchical scanning system collects information from

distributed and repeated screening throughout a container journey and enables pattern analysis over groups of containers. The adaptor has an inlet opening at a first part of the adaptor, the inlet opening being connectable to the central passage way of the arbor.

1459825886-0130bd7d-439c-41f0-952b-fec20729aaa2

Embodiments relate generally to a method of generating a post-installation configuration for a software application offering. Regenerated filaments may have a denier of from about 0. The first auxiliary electrode is electrically insulated from the active device. Hybrid maize seed, plant or plant part produced by crossing the variety PH18DS or a locus conversion of PH18DS with another maize variety. This reaction layer operates to recess the inner sidewall of the electrically insulating layer.

1459825886-0a613443-ca7a-4990-90fb-c38e0b430bb6

A set of physical unclonable function cells is configured with a set of capacitive devices in an integrated circuit. The nuclear reactor module further includes a heat exchanger proximately located about the riser, and a reactor core located in the shroud. The regulator includes a multipath control circuit for controlling the switch state and for controlling Vpp. The ink set is used for an ink jet recording method. In still further aspects, methods and systems implementing a variable delay of pressure decay in a medical infusion pump are disclosed. Since the subcache memory serves as a buffer for data to be transferred from the main cache memory to the main memory, the main cache memory withdraws data to the subcache memory even if the main memory is in a busy state.

1459825886-35acc40e-05d4-4599-8fde-4e1062960169

The invention relates to an apparatus and method for data transmittingreceiving between a microwave oven and an information appliance PDA. The semiconductor memory device can be an SRAM or DRAM, for example, and includes a memory array and peripheral circuit on a substrate. The movement member is capable of moving between a housing position where the movement member is substantially housed inside the developer case and a protruding position where the movement member protrudes beyond the developer case.

1459825886-37b6b8dc-d951-4ed5-9c06-4bbe40d40fc1

An apparatus and method that provides current location information services in a network are described. The modulator includes an N-type layer, a P-type layer and an intrinsic layer acting as the waveguide. The baseline trace includes a baseline segment within the ischemia detection window; where the ischemia detection window and the fiducial point may constitute ischemia detection parameters. The fruit has acceptable rind thickness, acid-sugar ratios and color.

1459825886-e83c71a7-bbb9-4fe1-a644-8cc0c10fb679

In a safety vent part and an electric energy storage device having the same, the safety vent part includes a plate coupled to the device, a metal sheet and a metal cap. Upon manufacture, a lens may be placed within the system assembly in the shipping configuration. Accordingly, sufficient design precision can be attained. The storage subsystem reboots a CPU for the IO module to load the new firmware and determines after reboot that the reboot was for loading the new firmware based on the stored state data.

1459825887-26bc0949-9176-4c71-ab6b-ae3dd606f090

A high throughput high performance chromatography system operating at a high mixing pressure including a plurality of pressurized solvent reservoirs, e. The filter paper cups have similar depth and diameter. Such devices may be, but are not limited to, wirelessly operated cameras, audio transmitters, recorders and infrared illuminators. The superabsorbent polymer improves moisture retention, improves viscosity, reduces friction, and improves coverage of the hydroseed mixture and



germination of the seed. A cargo handling control section 50 executes automatic positioning control of the forks in such a way that the deviation amount becomes zero.

1459825887-492aef19-6641-4899-8ffd-eb2d52660214

The invention relates to a container for a multi-component reaction, having at least two chemical chambers and at least one mixing space, the container being formed from a base film provided with recesses and an upper film, which is optionally structured, the upper film being joined, especially sealed, to the base film, at least over sections. The methods of the invention are useful in the segmentation of a sequence of colposcopic images of tissue, for example. In addition, when the input signal rises from the \u201cL\u201d level to the \u201cH\u201d level, a P channel MOS transistor connected to a drain of the other P channel MOS transistor is brought into conduction to fix a potential of a node of the drain of the other P channel MOS transistor to the \u201cH\u201d level, which prevents the potential of the node from becoming unstable. The system is distinguished by a high numerical aperture, low chromatic aberrations and compact, material-saving design. 0 \u03bcm, a first insulating layer formed on the metal supporting board to cover the metal foil, and a conductive pattern formed on the first insulating layer. State information transferred using a browser page identifier in this manner may include multiple values for multiple data elements.

1459825887-97e86e97-abf8-4103-b3b0-933a4fdc8390

The present invention relates to the production of ternesite clinkers containing 20 to 95% by weight C5S2\$ and less than 15% by weight C4A3\$, and to the use of ternesite as an additive to hydraulic and/or latent hydraulic and/or pozzolanic materials. The system may be implemented with a network-connected device containing or having connected to it a user interface, a coordination server, and a plurality of message services. The CCFLs are coupled respectively to the terminals of the secondary winding.

1459825888-70263c8b-0003-454b-b67b-e05077724068

Methods for manufacturing microelectronic imaging units and microelectronic imaging units that are formed using such methods are disclosed herein. In the configuration of the power-supply section, a main power-supply circuit and an inverter circuit are connected to an input-voltage generation unit in parallel to each other, which is used for rectifying and smoothing the commercial alternative current power. The variable-gain preamplifier receives an input signal, a preamplifier control signal, and produces the preamplifier output signal. A predetermined amount of liquid crystal is contained between the first electric plate and the second electric plate.

1459825888-8dfcea85-d566-4d77-9cdb-8c105e41bce5

In one aspect of the invention, a system for removing aggregate from a natural or man-made surface includes a vehicle with a frame and a conveyor. In the illustrative embodiment, the light source includes first and second linear arrays of light emitting elements and a mirror is mounted there between. A method of fabricating the sensor is provided using microtechnology techniques. Once the PCI packet traverses the switch and arrives at the downstream port, the downstream port changes routing logic which logically disconnects the host from the specified virtual hierarchy. One or more processors process the command based on the identified type of the command, the application protocol of the command, and the meta-data. The guide groove includes a pair of strip-shaped inner side faces formed with a pair of guide projections having a substantially half arc shape in cross section whose diameter is smaller than a height of the inner side face of the guide groove.

1459825888-d3581d63-4d8e-4c8b-be2a-af37d9773e23

A semiconductor device with improved sourcedrain junctions and methods for

fabricating the device are disclosed. The transparent glass section and the metal section have a ratio in thermal expansion coefficient to the light emitting element in a range of 150% to 500%. Of the natural oxide layer 2, parts other than parts onto which the energy beam 4a, 4b has been irradiated is removed by heating.

1459825888-ed05dbaa-d224-4383-939a-0de617de282f

Without letting a user execute a cumbersome judgment of a version, an application program of the most suitable version is installed for data file automatically, thus an automatic activation of the application becomes possible. Hence, a computer system in which water produced from the fuel cell assembly is prevented from entering the computer can be provided. By this arrangement, a signal current flowing to or from the receiving IC via the signaling conductor is conducted to the reference plane, thereby enabling a signal-return current to flow back to or back from the transmitting IC along a single path that is substantially parallel to the signal conductor. The display device can be manufactured using a TFT array substrate in which electric characteristic of plural TFTs arranged in a line in the minor axis direction of a linear shaped laser beam periodically fluctuates depending on the place in which each TFT is formed. The decoding operation incorporates an operating mode called skip mode. The improved cleaning composition and method includes the use of a cationic biocide that includes biguanide compounds and/or quats.

1459825889-0c37ecc8-b216-4d52-a2be-e402cda11e3e

A method for imaging objects through turbid media includes generating a repetitive pulsed light beam under control of a pulse shaper, propagating the light beam through turbid media, and receiving and imaging the light beam at a sensor. In step 1, a first light pervious substrate and a second light pervious substrate are provided. This makes it possible to produce light-emitting diodes which radiate polychromatic light, in particular white light, with only a single light-emitting semiconductor body. An LED mounting structure, such as a PCB, may be attached to the reinforcing members, or alternatively a separate bottom wall may be secured to the reinforcing members.

1459825889-48d9995c-ff65-49bc-ada6-79666310b398

A method for making polyester nanocomposite materials by polymerization in the presence of exfoliated fibrous clay nanoparticles includes dispersing the nanoparticles in a mixture of diol, water, and sodium salt before polymerization, thereby improving the dispersion of the nanoparticles in the final nanocomposite. Upon successful completion of the test by the consumer, the identification number is validated so that the consumer may withdraw a cash reward from a temporary bank account funded when the identification number is validated via an ATM. A single display can be used, for example in portrait mode while terminal functions are being used and in landscape mode while imaging functions are being used. Operations which can be executed in parallel are identified based on the information describing memory accesses.

1459825889-71d78269-09d1-4ec8-a3f7-0711709dfeef

There is provided an internal combustion engine having a housing and a rotor arrangement which is mounted for oscillating rotary movement within the housing. The system employs different read and write modes to enable auto-tracking of material, some assembly, assembly and component items through various stages of the manufacturing process. A processor is then used to calculate the position of the remaining vertices. There is formed a mask which includes the second mask layer and the mask material having therein opening including the cavity. There are times, however, when instruction packets cannot be split without violating the semantics of the instruction packet assembled by the compiler. One advantage of this invention is that bulky memory is not situated in the mobile phone handset itself, which is thus more compact.

1459825889-b586cfef-b6d6-41f3-a35e-016a4dc05148

When a manufacturer or a user desires to adjust a Braun tube, it is required to display a test pattern satisfying setting conditions of display modes on the Braun tube. The device can include a pad unit having at least one pad, at least one hand grip, a press-on mechanism, a hand lever, at least one support, and a housing. Boundary latches are designated using a depth-first search to identify the first latches along interconnection paths with the PIPO, and filtering out ineligible latches according to designer rules. the diaper changer, and to maintain the device on the changer's leg.

1459825890-455a6c84-ed2e-4ead-a1db-d7a82cff0382

A wire guide for an electric discharge machine is designed with three elongated, cylindrical ceramic rods which close around the electrode wire to maintain its center orientation. A surface mountable antenna clip is mounted on the PCB for retaining the antenna. A portable code reader is connected to the on-board computer.

1459825890-5f865d30-40c7-4479-8873-a65e1fb98e75

The present invention relates to an improved process for online measurement of monomer concentration, specifically bisphenol A, in an interfacial polycarbonate manufacturing process. The controller also includes a servo controller interface with a speed matching module and a pipeline control module such that at least two processors share memory mapped registers without conflicts. Inputs from the electrodes cause the program to calculate the heart chamber volume, and then to determine the position of the electrodes within the heart chamber. A plurality of working fluid containing units respectively surround the molten salt containing units and are disposed in the ground at predetermined intervals from each other. And this invention also relates to a drug for treating arrhythmia having the prolongation effect on the functional refractory period comprising said compound or a pharmaceutically acceptable salt thereof as an active ingredient. A pattern may be synthesized according to the procedural model along the curve from a start point to an end point; the synthesis of the pattern by the procedural model may be constrained to a region defined by a specified distance from the curve.

1459825890-94cae288-99a4-4fab-9b06-4b029ce9c32d

In a vehicular air conditioning apparatus, a connection duct connects a first blower unit having a first blower fan to a side of a casing forming air passages, whereas a second blower unit having a second blower fan, different from the first blower unit, is connected to a lower portion of the casing. A client directs a message to a server. It is possible to prevent the sides of the air mattress from being abnormally expanded by the side raw material bonded to the upper raw material member and the lower raw material member. As such, the package stress is managed to suitable levels for incorporation of a low-K Si die and/or a thin package substrate. The select devices may have vertical channels directly against the semiconductor material pillars and directly against upper regions of the first and second conductivity type regions. For example, if a media guidance application determines that, based on a particular disability, a user cannot see a portion of a screen displaying a media asset, the media guidance application alters the arrangement of media objects in the media asset to compensate for the disability.

1459825891-98e8a16a-cc0e-474b-8f6d-571f10aa938a

The present invention relates to a massage device. The enzyme-containing composition comprises an enzyme embedded in a matrix. The therapeutic effect of a compound against neuropathic pain can also be evaluated. An insertion hole, a fixing wire and a protruding portion are provided on the left side bolster and the right side bolster, and on the striker and the supporting bracket to determine positions of the left side bolster and the right side bolster and positions of the striker and the supporting bracket.

1459825891-aa2708b6-2517-430d-b1a8-6f041cc6dbf4

Given a set of network nodes B that are sought to be monitored, and a set of potential monitoring nodes, a subset M of the monitoring nodes is chosen that insures monitoring each node b in B with a pair of nodes mi and mj such that no node except b is on both any shortest path from b to mi and on any shortest path from b to mj. The filter control portion switches the cutoff frequency in a situation wherein a plurality of pressure signals respectively obtained from the plurality of pressure sensors are successively switched and output by the sensor signal selection portion to specify the pressure sensor for pulse wave detection, and in a situation wherein the pulse wave is detected from the specified pressure sensor. Each memory cell has coupling circuitry connected between the associated read bit line and a second voltage level different to the first voltage level.

1459825891-ab51fd26-2121-420f-b472-792a1def8cee

This is an implantable medical device assembly for use in surgical procedures. The elevator travel routes are encoded into alternative chromosomes. The update is fully controlled by the user to be released to only certain users or a group of users.

1459825891-cc82cb29-0e09-4553-9a7e-a45ea1965b02

An API called AdminRPC written in managed code allows background applications written in managed code to access backend data stores. Adhesion-inhibiting surfaces reduce or eliminate internal elastomer stress due to curing of cast-in-place elastomeric seals. The equivalent lens thus calculated is the ophthalmic lens that is the object of the invention.

1459825891-cd871eaa-3085-4569-b0b8-e63995adef30

The present invention provides phosphotetrahydropyran compounds and the use thereof in treating diseases or conditions that are dependent on T-lymphocyte migration, as well as compositions containing said compounds. The master stage is responsive to a first clock signal and has a first pair of differential inputs and a first pair of differential outputs. A controlled amount of motion blur is imparted selectively to certain scenes, sequences, frames or components of images. One end of an elongated cylindrical hollow light tube is connected to the opening for channeling and focusing the emitted and reflected light from the light box toward the opposite open end of the tube. The method further involves determining a target metaslab selected from the multiple metaslabs by comparing multiple allocation priorities, where each of the allocation priorities is associated with one of the metaslabs, allocating a block to the target metaslab, and writing the block to the target metaslab, where the block includes a portion of the data item.

1459825892-206413f1-4818-4a40-af33-817c8a063e88

A gimbaled weapon system is disclosed having a sighting system, a control unit, a weapon cradle and an operator interface for the GWS located remotely from the weapon cradle and the sighting system. An outer bowl surface defines a large radius of curvature adjacent an inner bowl surface, and a medium radius of curvature adjacent a cylindrical wall surface. The catheter further includes an electrically insulative sheath surrounding at least a portion of the flexible electrode and a linear displacement mechanism capable of adjusting at least one of the electrically insulative sheath and the flexible electrode to vary a length of the flexible electrode exposed at the distal end of the shaft.

1459825892-2a31a838-c26a-4017-832d-719dc0b80db3

A method for charging an intake manifold of an engine comprises adjusting an LP EGR flow rate and an uncooled HP EGR flow rate within first limits to maintain a target dilution level in the intake manifold at steady state. The receptacle and/or handle also are convertible to respective disassembled conditions in which at least some receptacle parts are taken apart from one another and/or at least some handle parts are taken apart from one another such that the device occupies a reduced volume of

space so as to enable packaging and shipping of the device. A housing assembly includes a radially extending wall on one side of the outer race and a deformable axially extending wall. These signals with different frequencies can be selected through use of multiple selectors. The light-emitting device is attached to the device mounting area of the device turning mount with the light-emitting surface oriented in a plane that is substantially parallel to the mounting area of the electrical sub-mount. The data call between the mobile communication terminal and the asynchronous mobile communication network is released.

1459825892-94765cf8-4150-4936-a0ab-2f835379a6b8

A separator, a pair of polarized electrodes, gaskets holding the separator and the polarized electrodes from their sides, and a pair of the collectors provided in contact with the outer surfaces of polarized electrodes and gaskets are provided in an electric double layer capacitor. Disclosed archery releases include a bearing ring that rotates relative to a release body. The low discrepancy sequences ensure that the sample points are evenly distributed over a respective region or time interval, thereby reducing error in the image which can result from clumping of such sample points which can occur in the Monte Carlo technique. The metal surface of the composite part may be subject to further treatment such as polishing, coating and painting, or a combination of these. A bounding box is then placed around the head of the local user in the near-infrared image.

1459825892-96368f85-aa3d-46fd-88b1-bac346c99f97

A system and method provides optimization of the strength and orientation of the inductive field of a hearing aid compatible device, relative to a telecoil in a user's hearing aid. The power-on reset circuit is incorporated into the electronic device and the comparator circuit is configured to compare values in the at least one reset register with at least one predetermined value when a power-on reset state is determined and generate a reset signal when the values do not match the at least one predetermined value. The improved multi-pass cell may be constructed with a concave front mirror centered along an axis of the cell, and a concave back mirror centered along the axis and facing the front mirror. The handle pivots to a first position attached to the case and a second position opposite to the first position. At least one screen is arranged within the gap, for adjusting an average incidence angle of the ceramic particles relative to a plane normal of the substrate surface, such that the ceramic particles are deposited on the substrate surface at a preferred direction and a relative position of the substrate surface and the screen is altered while the gap remains essentially the same. The catalyst systems of the invention provide high activity, high bulk density, moderate hydrogen response, moderate donor response and high polydispersity.

1459825893-0057d245-68ae-4b74-b06b-a7462e49c2af

A system is provided that allows users to communicate securely. The photovoltaic power generation system comprises generator unit groups formed by arrangement of multiple photovoltaic power generator units and unit group power collection control sections, which are connected with the photovoltaic power generator units through unit cables, and collect and control the electric power generated by the photovoltaic power generator units. Accordingly, even when the amount of phase difference is large, a DLL circuit can be locked at a high speed.

1459825893-139dfc9b-1e35-4095-bed4-c84081547e27

The present invention relates to compounds of formula wherein R1, R2, R3, R4, R5, R6 and R7 are as defined in the description and claims, and pharmaceutically acceptable salts thereof. One or more wireless sensors are attached to the animal, for example, to measure motion-related parameter associated with one or more parts of the animal. The tubular housing is made from a biocompatible and bioabsorbable polymeric material, and is sealed by means such as heat welding or solvent fixing. Especially when the organic electrolytic solution is used in lithium sulfur batteries, the oxalate compound forms a chelate with lithium ions and improves the

ionic conductivity and the charging/discharging efficiency of the battery.

1459825893-4d14cd30-467f-46cf-a002-ffffafa0756f1

A gaming system and methods for conducting a wagering game allowing player selection of a base game and a game feature. In addition, the cargo floor has at least one ramp surface integrated into the base of the cargo floor, and a track that is integrated into the ramp surface so that a gear assembly contacts the track and moves the cargo floor to and from a deployed position and a stowed position. The block wall has an inner surface, an outer surface, and a breakable section. In that protocol, a first layer may define transmission line, transmitters, and receivers for transmission, the second layer may define encoding and decoding, and the third layer may define a frame format of the data packet.

1459825893-96f2140c-d5c8-4ee0-aa19-7915455c8364

An electronically steerable passive array antenna and method for using the array antenna to steer the radiation beams and nulls of a radio signal are described herein. The circumferential wide major groove is provided in a center region in a tire width direction of a tread. A source of the second MOS transistor is connected with a source of the first MOS transistor and a threshold voltage of the second MOS transistor is lower than that of the first MOS transistor. Because a plurality of features may be identified in a calibration image, an image system, such as a projector-camera system, can reduce the number of display images needed to calibrate the system.

1459825893-e9b33ecd-8c71-497d-ba0b-ca13685619dc

A system and technique for displaying a document's workflow history are disclosed. During use, one or more software test cases of a feature of a software target are identified for execution. one-time programmable memory device is presented. The effective channel width is shorter than that for a rectangular cross section. A plurality of probe molecules may be arrayed and immobilized on the lacquered membrane.

1459825894-b2254c1d-f4bb-4ca2-8a46-9651255f3e6e

Construction and use of an inner shell for a multi-shelled gamut boundary descriptor for a source device based on a predesignated outer shell for the source device, for use in gamut-mapping from the gamut of the source device to a gamut of a destination device. The means are directly arranged on and/or directly act upon the moving element. In one aspect, the thermal spraying includes melting the coating material, propelling the molten coating material toward the article to be coated, and coating the article with the molten coating material. Stabilizer struts, which also preferably have adjustable length, extend between the opposing base struts and/or between the opposing leg struts to help maintain them in spaced relation. It performs a grouping process by arranging network nodes, including the relay nodes, in groups, each with a cluster head, on different hierarchical levels. The code reader may be associated with the imager.

1459825894-ca17e600-0be7-411a-b939-e98df8c99e00

A method and information processing system are provided for creating a virtual part and for composing and deploying a virtual solution with one or more virtual parts. The method changes the switching frequency of a switching power supply based on the first signal, transmitting the second signal to a plurality of semiconductor apparatuses via an output line of the switching power supply. A pressure in the chamber which varies due to a collision of an obstacle with a bumper of the vehicle is detected by the pressure detection unit. In accordance with the invention, a solution to the problem of classifying information by enforcing explicit data classification as well as inference and association constraints is provided. 02,6-decanedimethanol with a diester or phosgene, and a weight-averaged molecular weight of the polycarbonate resin being equal to or more than 25,000, and a polycarbonate resin prepared by reacting 2,2-bispropane and phosgene, and weight-

averaged molecular weight of the polycarbonate resin being equal to or more than 30,000, wherein a ratio thereof,  $100 \times d_7$ ), is from 1 to 99% by weight.

1459825894-fa9248ea-85e7-48d9-abbd-b341afdfbf55

A multipurpose folding hand tool including a tool holder permitting exchanges of blades. The deep trench includes a storage node in a lower portion of the deep trench, and a gate conductor formed in an upper portion of the deep trench. This increases the data rate of a wireless communication.

1459825895-0a28b660-f2bc-40ca-afad-977f7fc3c2df

Systems and methods for performing sparse backups are disclosed. An ultrasound emitter or transducer is delivered to a location within the body associated with the joint and heats the target region of tissue associated with the joint from the location. This configuration makes it possible to suppress simultaneously both of low-frequency-side and high-frequency-side distortion voltages of a distortion generated by a wide-band class-AB power amplifier even if they are different in amplitude and phase. Additionally, both the plug housing and the socket housing define a D-configuration in order to properly align the housings and conductors disposed therein, among other novel features of the present invention. Two cam surfaces are formed on an outer peripheral surface of a rotary body and micro-switches are brought into contact with respective cam surfaces and a logic can be established based on signals from two switches.

1459825895-a2efa741-605c-4300-83f8-da6a9bb12a81

A faucet handle and control module includes: a control handle and three joints. The circuit board has bosses which extend through apertures in the flange and contact the springs which are connected to L-shaped members in the base. The buffering power-accumulating means is enabled, during the driving process, to accumulate the power supplied through the driving process while alleviating impact to the driven member.

1459825895-d22132eb-448f-4d48-9370-b8d831d61d75

An air cushion game table is provided with a storage compartment useful for stowing game pieces during periods when the game table is not being utilized. The plurality of reels includes a plurality of symbols moving through the symbol array. The first program file may be associated with a set of attributes as stored in an annotation, header, or the like. Advantageously, compression across markets provides a larger pool of eligible trade records for compression, increasing the number of compressible trades, and thus reducing fees paid by the trading firm and the amount of data transmitted.

1459825896-9b61c85e-75f2-4552-a38e-3f57c7e13b6b

A contact structure having silicide layers, a semiconductor device employing the same, and methods of fabricating the contact structure and semiconductor device are provided. An energy level determination circuit determines the energy levels of the detected gamma rays, and timing circuits determine whether the gamma rays have been detected by the scintillation detectors within a predetermined time interval. The method passes a received UWB signal through a band pass filter, wherein the BPF is located at a UWB receiver and the UWB signal is a Hanning modulated pulse centered at 4 GHz frequency. The dynamic context of the communication flow expression may be established using one or more labels or a context function. Each zone of the plurality of zones may be associated with a memory array region within a die or memory plane. The methods may include delivering a guidewire to a lesion in the femoro-popliteal artery stem over the guidewire.

1459825896-c1326567-6073-42e9-bfdf-0a2ed15e7e92

Chars may be produced by carbonization or pyrolysis of poultry manure. Accordingly, in at least one embodiment, a semiconductor device comprises a substrate and a switching element with a control input coupled to the substrate. A metric for each

hypothesized path delay is determined, and a current path delay estimate is adapted based on the computed metrics for the hypothesized path delays. In response to configuration information, the interconnection network is operative in real-time to configure and reconfigure the plurality of heterogeneous computational elements for a plurality of different functional modes, including linear algorithmic operations, non-linear algorithmic operations, finite state machine operations, memory operations, and bit-level manipulations.

1459825897-03efb324-1b78-4dbb-93e5-1046c8e7ef78

The invention provides toner cartridges that deliver toner in a metered fashion to an image forming apparatus. Boundary layer manipulation techniques are applied to the airflow in the HDD, such as boundary layer suction with slots or holes, and wall damping techniques, such as an open honeycomb seal and Helmholtz resonators. An electrophotographic apparatus having a photoreceptor drum that includes this photoreceptor has a reduced surface frictional resistance throughout the printing period from the beginning to after printing, thus reducing the amount of surface wear while producing satisfactory images. A shear force member may have a first part configured to contact the first recess and a second part opposite the first part configured to contact the second recess, the second part may have an inclined surface. A terminal is provided with home system tag, group tags, and specific tags.

1459825897-1a43679c-5963-4bad-8a34-bcd48c4c421d

A method of inserting a tensiometer into a sample, comprises providing a drive probe configured to be engaged by direct push equipment; supporting a porous member from the drive probe; and driving the drive probe into the sample using a cone penetrometer. A processor of the image processing apparatus may calculate a color value of the first pixel by performing an anti-aliasing process with respect to each of the selected at least one sub-pixel. Furthermore, the invention also relates to a basic body of a cutting tool, as well as a cutting insert as such.

1459825897-711fc9e6-0ba1-473e-b53d-da53fb21342c

A security analyzer tests the security of a device by attacking the device and observing the device's response. Substantially axially aligned inlet and outlet cannulas extend from the housing and communicate with the chamber. A gear is pivotally coupled to a second end of the locking lever such that rotation of the gear causes movement of the locking lever. The outward run and the return run extend in a laterally offset manner with respect to each other, and the trough portion guiding the entrainment plates in the outward run is open on the working face side.

1459825897-7d4a799b-ba99-4dbe-a9c0-5345639e3b39

Presented is a low-power retro-reflective communication system that reflects modulated light back in substantially the same direction as the light source using a retro-reflector. An engine is connected for unitary rotation with the first member. The oxide layer forms a passivation layer in the imaging structure. The at least one actuating and deactuating devices are located, seen in the axial direction, on the same side of the annular piston. A stop control unit stops rotation of the rotary head drum and disables the tape unloading operation using the tape loading mechanism.

1459825897-c1b655ee-f111-4941-b0d9-1a2deda05382

A system and method are disclosed for mobile information management using a code injection approach. If an Ethernet link aggregation sublayer is present on an Ethernet connection path, a link aggregation sublayer Management Entity Group end point is assigned to the Ethernet link aggregation sublayer to generate a link aggregation message for Ethernet connection management and protection switching. Stand off ribs are provided to improve assembly into a control manifold. On the other hand, the capability of programming presence detect data after fabrication of



the memory chip provides additional flexibility, allowing the foregoing techniques to be used with a wide variety of memory chips and modules. The vehicle surveillance system further includes at least one portable surveillance remote for relaying transmission of the sensor information from the vehicle-installed sensor apparatus to the communication adapter.

1459825897-dd41ca43-5339-446a-9904-2bf4d83c3276

With this invention, at least one of a video file containing video information, a still picture file containing still picture information, and an audio file containing audio information and a management file having management information on a control method of reproducing the information in the file are recorded on an information storage medium. A base plate can kinematically mount on the receiving portion and have a hole positioned such that the probe passes through the hole. The packing structure includes a frame having a package area where an electronic device is disposed, an insulating block disposed on one side of the package area and connected to the frame, and a plurality of frame leads aligned in parallel and connected to the insulating block and the electronic device. The opening is positioned between the aft and bow portions.

1459825898-77d530ca-f685-4f92-b690-aadc23639e61

Described embodiments provide a network processor that includes a security protocol processor to prevent replay attacks on the network processor. A first lens assembly, a second lens assembly, and a prism assembly are moved in relationship to a camera housing controlled by a cam tube. The nucleic acid sequence is typically recombinant DNA including gene encoding for one or more biofunctional proteins. The minimal infrequent tokens or minimal infrequent tokensets are processed in a fixed order, and then a collection of signatures for each minimal infrequent token or token set is determined. The load is therefore evenly counterbalanced throughout its range of motion, and its position is maintained.

1459825898-efc01c23-9f85-470d-b6d5-14373ce56fb9

A high speed material processing and stacking apparatus and method for overlapping and slowing the linear progression of material pieces in a continuous stream. An electron beam is directed through a low pressure environment toward a surface of the sample. The tool optionally provides audio and/or visual feedback regarding the material. The nozzle allows liquid fuels to be injected into a swirling annular airstream and then atomized, dispersed and vaporized inside a lean premixing dual fuel nozzle for a gas turbine combustor. For advancing the current density and magnitude of CNT emitters, the method of casting surface treatment on the CNT emitters includes the steps of coating an adhesive material on the surface of the device; heating the adhesive material for adhibitting the surface; and lifting the adhesive material off the surface. The delay line determines a delay amount of the delayed clock signal with respect to the clock signal based on the control signals.

1459825899-43d0e682-1996-4e20-adce-6bc286058d6b

A system for, and method of, pixel data compression and a smartphone incorporating the system or the method. In a fully PTP aware path there is the notion of on-path support mechanisms such as boundary clocks and transparent clocks at every switching or routing node. The spot-size converter waveguide device includes at least one of a bottom mirror and top mirror, which provide highly-reflective lower and upper cladding, respectively, for vertical confinement of light propagating through the waveguide device. For atomic layer deposition, the metastable specie can be purged from the containment reservoir and the metastable specie can be compressed into the reaction chamber from the reservoir.

1459825899-55fce13b-ef4b-4e31-99cb-e321559ca1a2

The present disclosure provides a method of fabricating a semiconductor device. The light sources and/or the member for conducting current to the light sources are at least in part surrounded with the casing part. The memory cell 1 comprises a

storage transistor 2 with a storage gate 6 and a selecting transistor 3 with a select gate 7. When the determined result represents that the first portion is not accessed, the gap length is calculated and the start address of the second session is generated based upon the end address of the first portion and the known gap length. Power inputted to the switch is cut off for preventing the output end from outputting the power when the current is higher than a second predetermined value. The at least two equally-spaced actuators are able to produce a force on the specimen when electricity supplied to the at least two equally-spaced actuators is in phase, and a moment on the specimen when the electricity supplied to the at least two equally-spaced actuators is out of phase.

1459825899-7fc98de1-6896-4429-beb5-cc7b1ee1746a

A novel football field grille is disclosed. Predetermined functions are performed in response to respective sequences of actuations of the plurality of keys. The non real-time master and a real-time master compete for access to the address space by presenting address access requests to the shared bus. A window is mounted to the frame to close the upper portion of the opening.

1459825899-dde17455-947b-47c0-bf3b-732f348c30cd

Methods, systems, and products for navigating a UAV having an on-board digital camera are provided. The method comprising modifying digital data defining the pixel content of the image so as to replace the spatial frequency characteristics of the digital image due to the digital imaging system with spatial frequency characteristics of an image produced by a microscope. The hoop stringers extend radially outward at various points, including the crossing of the hoop stringers, to increase a cross sectional area of the hoop stringers. The nanomatrix carbon composites are uniquely lightweight, high-strength, high thermal conductivity materials that also provide uniquely selectable and controllable corrosion properties, including very rapid corrosion rates, useful for making a wide variety of degradable or disposable articles, including various downhole tools and components.

1459825900-4f796638-a6c9-4bab-953a-c39db308d03d

A method and system are disclosed for determining the geographic location of a user communicating on a communications network such as the Internet. The sintered bodies in all the aforementioned cases may be resin impregnated. The motor scrolls the film in front of the first aperture.

1459825900-594345a6-ebd3-4f1a-ab00-9d00717cc733

A novel maize variety designated PH1M04 and seed, plants and plant parts thereof. The frame includes vertical access for the rear cables. Therefore, even when cross-sectional areas between the front side of the side rail and the part of the side rail forming the upper edge of the opening differ, both of which are connected to each other via a step part deviated to the largest degree, the stiffness of the step part is increased, and the number of parts and man-hours required for welding are reduced. Enhancement of the portability and function quality of mobile terminals that support various functions is achieved by coupling a sub-module for performing a function to the main terminal having a display unit that allows user interactivity with the mobile terminal.

1459825900-bad09342-63f3-4ee0-86c5-a24e8b7a0318

The file storage system of the present invention comprises a first server including a first file system, and a second server including a second FS. A handle with a power cord and a control switch that accepts round heating elements of various diameters. The first electronic device sends to the second electronic device a subset of the plural component documents of the modular document, where the subset of the plural component documents is other than the one or more component documents already available at the second electronic device. The top plate is slanted relative to the sidewall. The multimedia file as pointed to by the playlist is

retrieved or accessed in the central location using the access parameter to play the multimedia file according to the play parameter. The inventive device has a plurality of holding elements, each having a swivel axis associated thereto.

1459825901-1bef6453-fe18-43aa-b148-f6c4d6e999db

An artificial foliage structure with wire cores embedded in its leafy parts causing these parts to spring back upon removal of compressive loading acting thereupon. In one example, among others, a system includes an approximate structural equivalence analyzer. The rear divider has a fan inlet.

1459825901-24b679cc-8ef1-4b57-98b5-07f1048854be

An electrical connector assembly comprises a receptacle connector having a receptacle housing and a plurality of receptacle contacts, and a plug connector engaging with the receptacle connector. The computer system creates the template. In order to computationally determine the oil temperature in the clutch unit, a thermal input power to the clutch unit is determined as a function of at least a speed of the input element and/or of the output element. If the bit density is supported, the data is sent to a demodulator object to be demodulated and converted to a data stream of ASCII characters. The signal processor is connected to the second pair of input-output terminals of the transformer.

1459825901-29f999a7-87d0-4687-ac27-3e857308a6bc

The invention relates to a method and a system for controlling the production of a mixture of constituents, especially a mixture with premix dead volumes. The ramp and/or the lip are contoured to match the curvature of the rings being formed by the laying head. Each printhead integrated circuit incorporates nozzle arrangements each having a nozzle, an ink chamber, an ink inlet, an actuator, and a drive circuit to achieve the ejection of ink from the nozzle arrangement.

1459825901-53bbe059-56a6-464a-aa00-d611c52d94a8

A text input device for attachment to a game controller includes a small-sized housing, upper and lower faces, a plurality of text entry keys disposed on the upper face, and an attachment interface disposed on the lower face. The support member includes a base portion and two arched plates extending from an end of the base portion. Another embodiment includes allowing placement of a marker about a circuit element to indicate an area in which dummy shapes are to be substantially identical, and then using the marker to place the circuit element. Devices and systems in accordance with the present invention have a variety of telephony and non-telephony applications.

1459825901-852cf813-5f73-4340-9bf5-2d0e3f2eab20

A printhead alignment sensor for an ink jet printer includes two terminals defining a substantially linear gap therebetween. The tension biases the second tag end into the open position. The connector element coupling region may be configured to be coupled to a connector element and the electrode coupling region may be configured to be coupled to an electrode.

1459825901-9ed95fc0-b915-4d16-9386-6ab62f2c223f

A method of operating a directory assistance system is provided. The control unit sets, as a first value, a magnitude of a transmission power of the first frame, and sets, as a second value smaller than the first value, a magnitude of a transmission power of the second frame. The outlet of the nozzle body can be closed using a sealing element which has at least one flow channel, preferably a sealing cone. A shorting wall includes a plurality of through holes extending through the substrate and interconnecting the antenna with the ground plane. The fastener legs each may protrude from an enclosure half. The capacitor is fixed on the bottom plate with the potting surface oriented perpendicular to a normal direction of the bottom plate.

1459825901-a7d38787-68e8-48cb-9abc-99174a0a8b97

The invention relates to the use of calixarenes for preventing or limiting the transfer of an actinide in the body from a site of skin contamination. The assembly includes a flap having a first edge for joining to the user-accessible area of the garment to form a generally horizontal hinge line, and a second, opposite, edge which may be free. The first capacitor is connected to the first switching unit and configured to smooth voltage that is supplied from the electrical storage device to the first switching unit. 0 lcm2min or under at 20 kPa air pressure, and its weight is 230 gm2 or under.

1459825902-45a7fb57-d8e6-448d-88be-59b7ee2b7492

A social networking website system with automatic registration based on a current location information. In one embodiment, an apparatus comprises a structure, a flange, and a retaining feature. The input unit includes a current-starved inverter configured to generate a control signal in response to an input signal and a bias voltage. Notably, the closure includes a discontinuous pressure block in the form of a plurality of circumferentially spaced, seal reinforcement elements on the inside surface of the skirt portion, adjacent the top wall portion. The system analyzes one of the structure of precursor ion at each stage of dissociation and the structure of parent ion based on the characteristics and spectrometric data.

1459825902-6d3a8eb6-29c5-43e4-92bf-4478459cd8e0

The present invention relates to the field of plant breeding. Further, a light emitting device has a plurality of LED elements disposed on a same plane, and a wavelength conversion portion that comprises a flat transparent base member that is disposed opposite to the plurality of LED elements and a phosphor layer that is of a phosphor to be excited by light emitted from the LED element and is formed like a film on the base member. The conditioning portion of the drive link may contact the sharpening element in a third contact region that includes at least a portion of the gap between the first and second contact regions. The outer covering may be closed to contain the pliable filler. The first and second interlock mechanisms prevent the first and second recliner mechanisms from rotating to a usable position if either the first floor latch mechanism or second kneel mechanism is not securely latched. The display apparatus and method used to visualize the application landscape provides a way to input the applications' assignments and filter preferences, and generate the visualization.

1459825902-7702c134-96f4-481e-9412-9e14b26ae234

A flexographic printing plate cleaner comprises a linear actuator operably mounted relative to a plate cylinder carrying a flexographic printing plate; a frame carried by the linear actuator for movement along a path parallel to an axis of rotation of the plate cylinder; and a double-acting three-position cylinder carried by the frame. The second part may further contain a compound capable of causing the organoboron compound to form free radical generating species upon contacting the two parts. The storage device stores its data by means of a file system. When a signal at the regulator circuit feedback input is above a threshold level the regulator circuit ceasing operation and when the signal at the regulator circuit feedback input is below the threshold level the regulator circuit is enabled. The prediction frame is divided into a plurality of blocks. or higher when measured by a scanning differential calorimeter.

1459825903-242e87c8-23bc-437f-a32a-ae15fd7232e1

An example information processing device calculates a specified position Ps2 in a three-dimensional virtual space displayed on a screen of a display device. At least two recording devices record the output of the cameras. A lock button has a part cylindrical socket that receives the pivot pin to mount the lock button pivotally on the door handle. The removable section retains the optical element with the optical element positioned in the housing cavity.

1459825903-3011e2de-88b0-4caa-ab6a-8e11603ba1ad

This invention discloses a spectacle edging assist device including a flexible layout chart, chart holding portion, and spectacle frame holding portion. The wires protrude vertically from the walls, serving as pins for electrical connection of the leads inside the package. Additional variables, such as arterial blood pressure, may be used in combination with a first variable input relating to one or more properties of a cranial blood vessel, such as flow velocity of the middle cerebral artery to derive ICP using a non-linear relationship. The thermal damper manages temperature rise of the electromagnetic coil and the thermal structural plate provides cooling to the coil stack. A long-term predictor detects backlogs of work items where excessive delays in queue are likely to put work items at risk of failing to meet their commitments.

1459825903-34e9d1a4-174c-49f2-afc2-db1592628f10

Managing application performance on a network. Also, phosphate and polyphosphate molecular fidelity altering agents are disclosed. The local advertisements may be displayed when a user selects a related global advertisement.

1459825903-60824612-11dd-4358-87d8-8ba1613c2397

Embodiments of the invention use silicon on porous silicon wafers to produce a reduced-thickness IC device wafers. The techniques apply zonal harmonics which approximate spherical functions as sums of circularly symmetric functions around different axes. A computer then serves to substantively interpret this insurance product model to facilitate obtaining supplemental policy-specific data. The recessed channel is within the media support region and extends from the spindle motor region to the enclosure sidewall.

1459825904-6e4614b7-a3b0-47e9-afd7-75cb35c00268

In a ballast circuit for supplying a high pressure discharge lamp and comprising an up-converter and a bridge circuit, the output voltage of the up-converter is controlled at a higher level immediately after the ignition of the lamp and at a lower level during stationary operation. A control pod receives the control signals, the control pod controlling the external device. The switching assembly further comprises a first anchoring member mounting the torsion member to the stable structure, and a second anchoring member mounting the leaf spring to the stable structure. The invention then counts the number of clock cycles during which the selected character was in the transmit data path.

1459825904-8146d7e2-32c0-4b89-97b0-d3b235219f2d

A CT scanner acquires CT images at different energy levels and registers those images to provide a composite image that is substantially free of beam hardening artifacts and conspicuously provides atomic information of that imaged. The present invention further provides for an ablation catheter tip, for use with an irrigated catheter device, comprising an inner cavity and at least one curved passageway that leads to an orifice, wherein a line drawn tangent to the arc of the curve forms an acute angle measured with respect to a line drawn tangent to surface of the ablation electrode at the orifice of the passageway. Relatively long mirror torsion components are used to reduce forces required to pivot the mirrors. Spaces between the rods are filled up to a first surface region with a viscoelastic material. A positioning disk is pivotable relative to the pad and has two pairs of notches to alternately receive the extensions such that the frame which is adapted to support an LCD screen is able to be supported at an upright position or in parallel relative to the base.

1459825904-9daa1cfe-a411-4232-8599-72ce49682e4d

Higher layer packet framing information is transmitted across an air interface only as necessary, utilizing the Radio Link Protocol. Thus since a sensor portion is fixed to a main-body base with two kinds of adhesive agents including the soft adhesive agent and the hard adhesive agent, it is possible to suppress the

positional offset of the sensor portion at the time of its attachment, and it is possible to sufficiently ensure reliability with respect to the temperature change as well. Finally the estimation engine correlates and combines all received target data to derive a final target solution. The device includes a signal processor connected to the electrodes for acquiring electrical signals from the electrodes and generating a twelve-lead ECG from the electrical signals.

1459825904-b1a7a3c0-9cb1-4d4b-8668-d418dc7d6b44

Apparatus for allowing the photoactivation of photosensitive composites used especially in the dental field: A case containing a power supply unit electrically controlled by a central electronic processing unit. The power supply has an ACDC converter for producing converter DC, and also a rechargeable battery. A processor coupled to the interface and programmed to select a plurality of participants from the customer data to receive a plurality of signals representative of at least one demand response event. The single image includes a plurality of display areas, with each input device having a corresponding display area wherein data simultaneously and separately input via each input device is simultaneously displayed in the corresponding display area. By means of the triggering device, the horn system of the motor vehicle can be put into operation when the first triggering signal is emitted by the first triggering unit and the second triggering signal is emitted by the second triggering unit.

1459825904-b21c666b-0a33-41bf-b2f3-dbf4e9d81cad

A complex divider utilized for dividing a first complex number by a second complex number to generate a computing result includes a computing unit and a dividing unit. A need still exists in the art of design and manufacturing of optical coupler devices to provide superior performance, improved reliability and reduced cost simultaneously while addressing issues such as walk-off. Bus B becomes the owner of the RAM. Optionally, a security mechanism can be utilized to determine the scope of access to the control system entity and/or instructions, applications, and services therein. The sorting method includes identifying an object for eviction that is cached in the region of cache and that has been used less frequently than other objects that are cached in the region of cache. An ozone generator may be included for introducing ozone gas into the collected fouled water in the spin chamber.

1459825905-6d727886-dec7-47c5-9755-2460dac3f359

Acronym and synonym pairs can be identified and retrieved automatically in a corpus and/or across an enterprise based on customer settings globally or for a single instance. And, a pressure reducing means for the reduction in pressure of refrigerant flowing towards the oil separator from the oil return compression mechanism is disposed in place between the oil return compressor and the oil separator in a discharge pipe of a lower stage compression mechanism. Moreover, through the coordination of the front wheel, stand rod and handle, the operator will be able to practice different car-driving actions of turning the body, hips and hands around, and different strength-exerting ways, such as by twisting one foot or two feet synchronously. By virtue of its structure, the need for particular rotational positioning of filter components in relation to one another is significantly reduced.

1459825905-fa1e75fc-2bc7-4b8f-92d0-46beee2f6010

A system for automated operation of a blood separation system controlling the input of blood samples, the separation of blood components, and the discharge of the components. The invention forms the marking for the throttle lines with a separate component that can be applied to the throttle line positively and/or nonpositively. The bottom and top walls expand into an opposing double domed shape as the food product is being popped, puffed, or expanded in the microwave oven. A long water drainpipe is removed from a starter for a recreational vehicle. In the electronic camera, the data attached to the image indicates whether or not the image file previously has been transferred from a storing area where the image is stored at

present to another storing area. Steps of the sequence can include ceasing operation of augers of compactor apparatus located in the cotton receiver are turned off, and moving the compactor apparatus downwardly within a cotton receiver of the machine and against cotton accumulated in the lower region of the receiver, one or more times, for further and better compacting the cotton.

1459825906-01f2ef4e-9eb9-4188-b09a-7d15ac940042

System and methodology for performing Bayesian-based distributed query processing is provided that solves the problem of how to get each server participating in a Bayesian distributed search system to return the same accurate relevance score for different documents. A method in accordance with one embodiment of the invention includes disposing a polishing liquid on a polishing surface of a microfeature workpiece polishing pad. The application virtualization system receives notification of an application preparation session and monitors the session to collect configuration information that the application uses to run on a client. The non-display area is exposed to light to adjust a pre-tilt angle of a liquid crystal included in each of the non-display area and the display area. This Abstract is not intended to define the invention disclosed in the specification, nor intended to limit the scope of the invention in any way.

1459825906-9dcb7c61-c3cf-4e8b-ba57-5819e3e5516c

A first set of pixels of a short exposure image and a second set of pixels of a long exposure image may be obtained. The present invention measures near normal incidence and grazing angle of incidence reflection from a small region on a sample. In some embodiments, the reservoir includes a relatively large-diameter fill port. The pieces of data may be structured according to a markup language such as the Extensible Markup Language, and XML schemas may be associated with each piece of data for allowing the data store to validate the structure applied to the data based on an XML schema associated with a given piece of data.

1459825906-f62b26d6-a8cb-4fe9-ae4c-903a3dfae655

A semiconductor defect type determination method and structure. The device comprises a fixed bar compensator at an adjustable oblique angle with respect to the winding line of the thread which varies the length of the free path of the traversing thread. The USB data storage device can also be held in sliding engagement by the sleeve, so that it can slide between a retracted position and an extended position. A detection device of the clocks may detect the hyperfine transitions of the particles. The fan means are fixedly mounted on the handle and positioned above the pump head, the fan means bounded by an upper end and a lower end, the lower end being accurately formed over the pump head in order to allow the user to position his finger on the pump head to manipulate the pump in order to eject a fluid from the fluid reservoir incident to the fanning procedure. The method displays the first sub-report and the second sub-report with the report.

1459825907-2e4577b3-6faa-4294-8773-4d691a1e1fca

The present invention is a photoresist remover composition used in order to remove photoresist during the manufacturing process of semiconductor devices, such as large-scale integrated circuits and very large-scale integrated circuits. The plug has at least one aperture adapted to engage at least one latch in the connector receptacle. Some may use the NFS protocol, whereas others may use the CIFS protocol. The skinhair conditioner includes an audio signal generator and a vibration mechanism to alert a user of a change in status of the conditioner. The markup document includes device-aspect-ratio information which is referred to for displaying of the markup document. The passageway may include at least one efflux hole to permit coolant fluid to flow from the passageway, or may define a closed loop.

1459825907-400725b7-552d-40f9-ae82-53f455a35734

It is an object of the present invention to provide an ink composition using a

metal phthalocyanine type cyan dye, according to which the indoor storability of images created using the ink composition can be improved. As a result of the application of the malloc-combining optimization results in improved cache locality allows for prefetching array pointers and data elements of the dynamic arrays as if the dynamic arrays were static. A second pre-charge circuit of the present invention integrates within the normal drive circuitry a method of connecting the anode of a given OLED device to a positive voltage while concurrently connecting the cathode to ground just prior to the desired on time, thereby overcoming COLED rapidly. At the end of a CRC error detection division operation, each circuit element corresponds to a bit in a bit error pattern syndrome and the logic gates determine if the contents of the circuit elements match specific bit error patterns. A dataset is searched using a structured search query that includes all boosted terms, as well as any remaining query terms that do not correspond to one of the boosted terms.

1459825907-576800ce-aa26-4977-b6cc-f9dcf322c904

A method and system for forming service compositions to provide service components to business processes. The grinding bowl has a filling of grinding bodies and is provided with frontal grinding bowl bases. An actuator rod passageway is formed in the pit lid and extends between the latch operating lever storage recess and the undersurface of the pit lid.

1459825907-6ac518e8-b9f9-4a68-82f1-0a1c2bcbb29a

The invention provides a method of obtaining a population of antigen-specific T cells from peripheral blood of a host. The thermal sensing arrangement detects a prescribed temperature condition. An ordinary garden hose is attached to a hose bib outside the screened enclosure and to the hose bib to garden hose adapter providing the water supply. The method further includes forming a gate dielectric over the condensed germanium-containing fin, and forming a gate electrode over the gate dielectric.

1459825908-5a6fb98a-a83b-407b-b996-5670b15655b1

A coating containing pigment particles and a polymer matrix is provided. These compounds include inhibitors of the beta-secretase enzyme that are useful in the treatment of Alzheimer's disease and other diseases characterized by deposition of A beta peptide in a mammal. A method of providing recovery and rehabilitation from states of reduced consciousness by neuromodulating a target site of interhemispheric fibers is also provided. The scraper blade is configured to push or sweep away excess adhesive from one end of the sheet bundle to the other end thereof across the backside, removing excess adhesive while forming a smoothly finished surface of adequately softened and flow-able adhesive. Accordingly, the inventors devised an exemplary antifuse structure that includes three normally disconnected conductive elements and a programming mechanism for selectively moving one of the elements to electrically connect the other two. Calculating a Fourier transformed function by Fourier transforming the product of the obtained function and a diffracted light distribution from a pattern on an object plane of the projection optical system.

1459825908-8e865b13-35d2-481b-82e0-de03b187a162

A delivery system comprises a frame, and a plurality of hoppers attachable to the frame in a vertically spaced apart arrangement. This new and distinct variety has shown to be uniform and stable in the resulting generations from asexual propagation. the diameter of a crankpin orbitally rotating during grinding operations, includes a casing, a V-shaped reference device and a rod that can move within the casing with respect to the reference device, an end of the rod projecting from the casing and carrying a feeler for touching the surface of the workpiece to be checked and transmitting the movements of the feeler to a transducer. A second steering control arm is pivotally connected to the lower part at an opposite side of the vehicle. The overall thickness of the laminate typically



is less than 100 microns, permitting it to be easily cut and manipulated at the job site while providing an effective, long lasting weather seal. The cutting member can be flanked by two flanges configured to direct ice that has been disrupted by the cutting member outwardly through the clearing ports.

1459825908-a11f8581-a918-486b-bc5b-35e904cd0d14

One embodiment of the present invention sets for a mechanism for determining an optimized investment strategy across a portfolio of media channels for a given product or service. Information from one of the non-human users can be automatically received at the site and evaluated. The frequency converter further includes a trap circuit, which resonates at a frequency of a harmonic of the local oscillator signal to substantially eliminate the harmonic. The pattern of the light is configured to cause sound waves in the test object when the pattern of the light encounters the surface of the test object.

1459825908-f2c558d9-80b1-43a6-ac9a-d31d23715a30

This invention relates generally to formulations and methods for improving level of moisture absorption and retention by the skin and for improving the appearance, feel, or comfort of the skin, wherein the formulations comprise pure rainwater. During operation, the system finds a partition of events into clusters such that each cluster includes a set of events. When the user has pushed the push knob while the push knob and the four-way knob are in a tilted position, the push knob in conjunction with the four-way knob linearly move backward in the pushed direction, whereby an internal switch and an external switch are operated. The at least one first baffle plate and at least one second baffle plate are arranged along an extension direction of the supporting bracket and extending between the bracket and the motherboard. In the receiving process the framework finds the name and data in the context and passes the data to a service registered with the same name. Gray discoloration of the substrate body and yellow discoloration in the vicinities of the metal wiring conductors can be prevented.

1459825909-58b98924-b790-4617-9d22-727ba1c595fa

An architecture integrates spreadsheet functionality into tables commonly used in word processing programs and HTML documents. A rotatable output shaft extends through a wall of the housing and is rotatably driven by the motor via a gear train. Instead of an ion implant step to selectively reduce the resistance of this layer away from the base, a layer of polysilicon is selectively deposited onto only that part. Power to the motor can be turned off to provide for motor speed sensing through monitoring the frequency of a generated voltage when the power is turned off. The origin server examines the non-quantized location information to determine whether to respond to the client request with content. Other aspects are described and claimed.

1459825909-a26da877-cdfb-4c2f-ba38-429b03ec08b7

An integrated device comprising a MOS transistor and a Schottky diode which are formed on a semiconductor substrate of a first conductivity type is shown. The first rinsing bath and the second rinsing bath are selectively employed for the purpose of use. More than half of the capillaries are closed and preferably shorter than the capillaries with apertures, and provide the resilient three dimensional web with an increased resistance crush and to collapse the capillaries under compression. For the frequency divider,  $M$  equals  $N$  plus  $D$  minus  $D \setminus N$  for each edge of the multi-modulus prescaler output clock  $CK_{pr}$  wherein the counter samples the digital representation of  $D$  and  $D \setminus N$  denotes an integer part of  $D$  divided by  $N$ , and  $M$  equals  $N$  for each subsequent edge of the prescaler output clock  $CK_{pr}$  wherein the counter does not sample the digital representation of  $D$ . The conveyor has various regions formed in part of ridges, troughs and apertures which reduce the weight of the produce stream, as well as reduces the vertical and horizontal components of motion of the produce stream, as the produce stream progresses from one end to the other.

1459825909-bba492fa-02c1-405b-9e6d-0e2d82321a49

A filter is annularly attached around a peripheral wall of a housing. The web supply section includes a pair of web supply stations for each web, and a supply roll is located at each web supply station. A display section 15 is controlled by a result of comparison between the voltage value of the battery pack 20 and the reference voltage value, and a warning is displayed when the voltage value of the battery pack becomes equal to or lower than the reference voltage value. A control unit controls the gain of the transmitter unit in response to the determined signal power.

1459825909-bbea8322-34a7-4b64-bb36-61cfb3f7b7fe

A process is disclosed for manufacturing a lubricant composition comprising combining a superabsorbent polymer with a material for decreasing friction between moving surfaces. Text and graphics are printed on a front surface of the labels and a patterned adhesive is printed on a back surface of the labels. The transceiver includes a diversity receiver configured to process the wireless signals from the wireless nodes. The detected position information is output to a personal computer, image projector, printer, etc.

1459825910-22e644a3-e6ca-4c87-9b5d-25a13b194556

The invention provides consumers with the services of multiple cards or accounts while allowing consumers to carry a single card, transponder, code and/or other access device. At least one door protection element of the door is formed on one sliding door, the sliding door being disposed on a casement of the door such that it can be displaced in a direction V, and the casement of the door can be pivoted about the axis S relative to the main frame. Tongue members extend for the sides and are receivable within cooperative wall cavities for a snug mechanical engagement.

1459825910-45e44f52-fab9-4fdf-a041-8947e9c8bb62

A clamp assembly for facilitating attachment and removal of a first component to or from a second component includes plural clamp bodies, each having at least two mutually perpendicular surfaces arranged about the first component. The apparatus has a frame, a needle block slidably mounted to the frame, a shuttle member slidably mounted to the frame, and a pick-up head. A drive assembly is operable to move the substrate holder. Further described are methods for preparing and using these vascular valve devices. The invention provides a spectrophotometer attached to a flow cell to monitor the color of a platy effect pigment to monitor pigment color and ascertain completion of the coating reaction process involved in interference pigment production.

1459825910-efa3687d-64a3-4b0d-95ef-65d600838a9a

System and method for reducing power consumption in integrated circuits with fuse controlled redundant circuits. Other embodiments are disclosed. The outer cover panel is clamped relative to the inner cover panel with an essentially radial force component such that a clamping point is formed in order to fix its axial distance relative to the inner cover panel. The block is mounted to the bottom support to provide resonance balance. The O-ring gives way to forceful patient exhalation to release the disk endpiece from the tubular valve body. The present invention attains the object by providing an ambient temperature molten salt including a first imidazolium salt having a cationic segment represented by the general formula and an anionic segment represented by MX<sub>4</sub> ; and a second salt having a cationic segment as a monovalent cation and an anionic segment as a halogen.

1459825911-40a54350-e973-41e9-bfae-ab7f3ad7c4a7

A method of creating a foam pattern comprises mixing a polyol component and an isocyanate component to form a liquid mixture. yHz, wherein R<sub>1</sub> is a trihydric or tetrahydric alcohol residue, z is an integer of 3 or 4 corresponding to the number

of hydroxyl groups in R1, and x and y are integers of 1 or greater attaining a weight ratio of oxyethylene group and oxypropylene group from 90:10 to 60:40 and a molecular weight of the resultant compound from 1000 to 4000; and Component B having a structure of R20a. The guide roller is almost in the shape of a barrel of which a coefficient of curvature T expressed by the expression 1 representing the extent of curvature of the circumferential surface is in the range between 0. The housing can be mounted behind an knee bolster or steering wheel of a vehicle and has a cover that can be flush with the cabin side of the mounted position.

1459825911-72088a27-ae44-41e9-b6fc-e4511abbe972

A method for fabricating a blue phase liquid crystal display is provided. Moreover, the carbon and oxygen stoichiometric ratio can be within a range of 1:0. Further, an annular biasing member is disposed about the sealing member outer surface and configured to exert a radially-inwardly directed force on the sealing member so as to generate contact pressure within the seal interface. The comparator is configured to compare the differential signal common-mode voltage level with a reference signal common-mode voltage level and produce an adjusting signal based upon the comparison.

1459825911-a6dc56ea-8fd3-4846-86bb-27c51c83875b

An insulating substrate includes a metal base as a base member, an insulating layer which is a room temperature, aerosol deposited shock solidification film formed on the metal base, and a circuit pattern which is a cold sprayed thermal spray coating formed on the insulating layer. Each of the message component candidate has a relative likelihood of selection predicted according to language usage in general and specifically of the user and according to the context of any portion of the message already composed. The HMI apparatus displays warnings on visual warning devices within the driver's view, can signal an active portable device to output a warning. A gap is formed between an end of the stator core and a lower surface of the distribution unit by mounting the distribution unit on an upper part of the coil end section.

1459825912-0297d961-fd61-458b-81b1-77da8e7b9b16

An input channel for the flow of waste water into a grit removal unit. The described embodiments enable an MS to handoff between different RANs without causing routing ambiguity, and without substantial loss of network data. In one embodiment, the invention comprises a bracelet having two or more tracks disposed on the surface thereof and a mounted jewel having a base shaped to travel within one or more of the tracks. A second detecting unit detects presence or absence of the shopping cart stopped along one side of the counter base. The kit further includes a flag having indicia printed thereon and including an edge portion selectively engageable with the receiving portion. The use of supplemental computer readable media on existing cards reduces the bulk that must be carried by the customer, and provides the customer with a computer readable medium in a convenient format.

1459825912-46a94fd8-96a0-4a16-8acb-77f8e90af4a1

A method and apparatus for computing metadata fields that are valuable or informative based on a particular operation, such as a sort field employed in sorting the content items, dynamically displays the informative metadata fields as a display set with the respective content items in response to the sorting field. The retention patch may be generally square and flat in shape and sized appropriately for use with a cap, such as a baseball cap. A second switching time is calculated using a carrier and the calculated first switching time.

1459825912-63a14384-7370-47f0-bbfb-6af5563878a0

High-bit depth sensors often capture more information than can be displayed on a commercially available display. Specifically, the present invention relates to a blend of waxes that produces container candles with surprising properties and

eliminates or minimize the use of costly microwax, polymers or additives. A virtual IT structure for the IT system is generated from the abstract IT structure by a translator. The conversion time calibration apparatus is configured to detect a conversion time condition and adjust the conversion time of the conversion circuit according to the conversion time condition. By replacing the original operations with more complex but logically equivalent expressions containing variables that also involve more operations, the true nature of the original operations is disguised.

1459825912-7fc6b89c-0ed0-454d-a4b1-fd0fa858ce44

A Pumped Distributed Wave Oscillator that provides a high purity accurate signal source with multiple oscillation phases. A plurality of subpacket ring networks are connected to the first packet ring network through an interlink used for client packet transport therebetween. A bridge is positioned proximate the distal end and transformable between a delivery configuration and a deployed configuration. 5 cm under a load with the passage of time ; exhibiting a free swelling capacity of not less than 23 gg, a ball burst strength of not less than 80 gf, and a deterioration of ball burst strength of not more than 40% ; or exhibiting a free swelling capacity of not less than 23 gg, an absorption capacity of not less than 20 gg under a load of 4. The first adder sums together a split signal of the primary input signal and an output of the phase shifter, thereby to produce an output. The one-way transmission of an isochronous packet and an asynchronous stream packet is performed between transmission and reception portals of the first full-duplex 3-port bridge and reception and transmission portals of the second full-duplex 3-port bridge.

1459825913-1e99bb58-1f7a-47e8-8685-cb7b6b956924

It is determined whether an attribute of the sheet of a printing target job is different from the attribute of a sheet in a sheet storage unit designated by the attribute of the sheet of the job. The optical connector can be terminated by a suitable cam activation tool. The body of the spinal implant may be formed of a ceramic material. A paper storage unit which stores an envelope to be used in printing is selected from the plurality of paper storage units based on a standard size of an envelope that is designated by a user. High speed downstream information transfer passes through a cable TV headend or a TV transmitter or a cell station.

1459825913-5d9ae279-7603-4ec6-a9c9-91a1908ed27d

An apparatus and method are provided for contacting at least two chemical species, comprising a support plate having a channel for receiving a mobile chemical species and a fiber, having a second chemical species immobilized thereon, disposed on the support plate. The preferred embodiment includes an inner washer, an adjustment nut, an intermediate washer, and an outer nut completing an interlock assembly. The error signal generated by a component causes the component to electronically switch off its data connection via the multi-wired cable with the other component, and may cause the component to reset itself.

1459825913-70a4b865-9755-4de4-9dfb-22dac0daedb6

A surveying system comprising a station and rover is used to make field measurements of a job site. The system includes a component in fluid communication between a high pressure side and an intermediate pressure side of the compressor. A demodulator is configured to demodulate a second signal, received from the communication channel, into estimates of the code words. The clamping device defines a space between the clamping panels for receiving the edge of the FPC. Each side wall is internally provided with a series of projecting support elements extending along the wall, each support element forming, jointly with a support element of the other side wall, a support for at least one rack of storage batteries. Additionally, leaf color varies with temperature.

1459825913-e56d752d-52f8-4b0d-a89f-ed72fedb2173

A new *Osteospermum* plant particularly distinguished by its mounding plant habit, early flowering with deep purple colored ray florets and large inflorescences. Rotatable armatures supporting permanent magnets are arranged to swing or revolve relative to the air gaps such that the magnetic flux thereof is intersected by the wire coils to generate electrical voltage and current therein. A first header containing the copied priority information and a new label is added to the first packet, and the first packet is outputted to a second output line. Reinforcement bars may be radial across the top surface or nonradial, and may be linear or curvilinear. Upright plant form with a cream heart. The component waveguides are then placed in physical contact with each other to form a composite waveguide thereby producing a waveguide sandwich.

1459825914-0fb99c62-8fd7-46f1-8bc9-7f91159edfe1

By controlling the hold up times and temperatures for mixing the components of aluminum, titanium and magnesium based catalyst for solution polymerization it is possible to prepare a catalyst having a high activity, which prepares high molecular weight polyolefins. This can improve the rigidity of a part of the inlet tube connected to the fixed core and suppress the generation of operating noise effectively, particularly in a high frequency region. A tunnel current is flowed between the first ferromagnetic layer and the third ferromagnetic layer. A plurality of channels or recesses is formed in the first encapsulant. These compounds have a high affinity and selectivity for GABA A  $\alpha$ 5 receptor binding sites and might be useful as cognitive enhancer or for the treatment of cognitive disorders like Alzheimer's disease.

1459825914-1636f5f2-ccbb-471e-aa1f-bafd6abe4d21

A semiconductor device mountable to a substrate includes a semiconductor die and an electrically conductive attachment region having a first attachment surface and a second attachment surface. The first body component is then fixed with respect to the second body component at the relative position, such as by laser welding. In one embodiment, the audial detector is a plurality of detectors arranged on a circle. In consequence, the combination may be used as an effective and safe therapy to control blood glucose in patients with type 2 diabetes, using different proportions of the active substances in combinations suitable for the needs of different patients.

1459825914-18c41a18-ff27-4210-a40c-05677c5f8dce

In a directly-illuminated liquid crystal display, for example an LCD monitor or an LCD-TV, a number of light management layers lie between the light source and the LCD panel to provide bright, uniform illumination. The assembly includes a load bin having a cross section conforming to an open end of a container and a drive mechanism configured to urge the load bin into and out of the container. In certain embodiments, the present invention can also be used to increase the efficiency of handing off wireless clients between access elements. The core can be formed of a compressed foam.

1459825914-5c686ab4-f0f4-4da2-b57e-e57607e7f4fa

A method and apparatus for treatment of heart failure, hypertension and renal failure by stimulating the renal nerve. Grease guns conventionally have a pumping head with a barrel and lever joined thereto for cycling through pumping and restoring strokes between restored and depressed extremes. A laminated TMR layer, having a plurality of laminates, is deposited over the bottom lead. The allocation of processing elements to the multiple contexts may be determined dynamically in order to improve graphics processing throughput.

1459825914-d5e81378-034c-4344-b40a-54083c08a572

The invention provides a renewable composite filter media for removal of particles from a fluid stream. The arch is extendable from a stored to a deployed condition. The invention further provides treatment modes for other localized diseases by

controlling CD4+ cell trafficking and infiltration. The attaching step is carried out such that the stack is disposed between the substrate and the carrier window, which is transparent to the second wavelength \u03bb2. Firstly a solder ball is disposed on a bottom surface of the bend portion and soldered to the printed circuit board to mount the contact to the printed circuit board.

1459825915-3beb3a6d-2557-41f4-9d4f-74526a6fcaa1

One embodiment relates to a programmable output buffer which includes first and second programmable variable-impedance single-ended driver circuits and first and second termination circuits. In such circuits, an ultrasonic transducer is typically used as both transmitter and receiver. A gate is also provided that is slidably mounted therewith the rotor and movable axially about and between a first position, in which a distal end of the gate is positioned at a first distance from the peripheral surface of the rotor, and a second position, in which the distal end of the gate is positioned at a second distance from the peripheral surface of the rotor. Each retaining device includes a supporting member and a latching member corresponding to the supporting member. The antenna is attached to the holder.

1459825915-b201b024-8299-4970-96e0-256f0cd67e0d

The invention is directed to a method for sequencing multiple target polynucleotide segments in parallel, and to compositions and kits therefor. At least a part of the second image transferred to the sheet is formed on the first image transferred to the sheet. By providing a shared separation system, the number of separation units in an integrated methanolMTO reaction system may be advantageously reduced. Then, a charging layer is formed at a bottom of each of the trenches to form undercut trenches. Once resources are assigned, system conditions are evaluated to determine whether optimizations may be made to a current resource allocation.

1459825916-084de864-2e79-4493-ac94-e8cef7908427

A method for operating a vehicle having variable-speed left-side and right-side propulsion units. In an implementation, textual directions for traversing a path are generated based on positional information associated with the path. Subsequent deenergization of the path causes the resiliently flexible member to return to its initial position, the rate of return being measured to derive a signal representative of the viscosity. The control levers each having one end rotatably connected to the rear roof part and another end rotatably connected to the support plate. The vehicle may be a robot capable of participating in a game.

1459825917-050fb53c-d8c8-491c-ad10-b89053575d8a

A process for preparing ethyl tert-butyl ether using low-water ethanol obtained by membrane dewatering at least two streams of relatively water-rich ethanol that have a different water content. Via holes are positioned on the faces of the mid-plane board according to one of two schemes. The filtered signal is then processed to obtain measures of certain frequency components in the filtered signal, and a power estimate for at least one of the FDMA channels is calculated based on at least one of frequency component measures. The signals may be combined using the weights and the scores associated with the signals to obtain a risk probability for the developer account. The article of manufacture includes, but is not limited to, waxes, lubricants, additives, etc. An opening portion is formed in the bracket and configured to pass a part of the reflected light from the reflector along the optical axis.

1459825917-2612888c-169b-469b-a776-20448fc1532c

Efficient switched network multicasting techniques are provided. The antenna comprises series-fed antenna array columns tuned to a respective transmit and receive frequency. Elimination of angle of arrival errors arising from imprecise knowledge of platform electronic warfare antenna characteristics is a focal point of the invention and is accomplished through precision use of global position system information received via the same electronic warfare antennas. If a

correlation threshold is exceeded, then the correlation value is examined to determine it is a peak value. This method is suitable for producing channel waveguides for planar lightwave circuits, where the refractive index profile of such a waveguide is more uniform than the prior art refractive index profile produced by a TEM<sub>00</sub> laser beam, and has a reduced bend loss.

1459825917-4f84710d-4077-4328-84c1-dbf6f3caf595

A transporting device and method for depositing sheet material on a tray, the transporting device including at least two rollers which can be displaced with respect to each other, with a belt extending between the rollers above the tray, the belt being connected at its ends to the two rollers, whereby the belt can be rolled up onto and unrolled from at least one of said rollers. In particular, the present invention relates to such a therapy wherein the interferon is peginterferon alfa-2a and the disorder is melanoma containing the V600E b-Raf mutation. In a further aspect, the chamber may be enclosed by a dummy cap. Finally, a clock of the sync pattern signal and the detection window signal are compared, and the clock signal is corrected. The other portion of the split beam enters the viewfinder optical system. The second wall abuts an end of the second substrate for retaining the second substrate between the second end and the second wall for preventing movement.

1459825918-285bf14f-15f5-4de9-ac77-0541dbc680f6

A touch pad includes transducers for receiving acoustic signals resulting from touch events, such as the continuous movement of a fingertip across the surface of the touch pad. In the angled portion, an opening portion of gap and an inner portion extending from the opening portion to at least an intermediate location of the gap are oriented along an extended straight line that bisects an angle between the first front surface of the first member and the second front surface of the second member. A flexible plate is fixed to the piezoelectric element with an electrode plate in between. The method further includes the steps of third, forming a first sidewall-forming layer in a fixed relationship to the sidewalls and forming a second sidewall-forming layer in a fixed relationship to the sidewalls. Signals collected from sensors are compared with training sets to recognize specified motional commands or gestures.

1459825918-6871bb9b-0724-45af-abc4-528687d17a65

Photoacid generators generate sulfonic acids of formula upon exposure to high-energy radiation. The multipurpose bus functional model utilizes a configurable data structure to interact with a device being tested by providing high-level test generation routines defined by the bus interface specified. The methodology determines how many items to check for a given shopper as well as which particular items to check for that shopper.

1459825918-7a757b83-51b2-432b-b6d6-1febcd73c106

An end member is mounted on an end of a cylindrical rotary body. The XRO film can be capable of absorbing at least a portion of X-ray energy thereby creating an interference pattern when the XRO film is coupled with an electronic circuit and placed between an X-ray source and an X-ray detector and subjected to radiographic inspection. Specifically, a watch that embodies the present invention is uses addressable reflective display technology such as electronic ink or gyricons. The direction of any desired number of the interface buffer circuits can be reversed based on the needs of a desired dedicated device by re-routing the conductors in the interface buffer circuits in a single metal layer of the integrated circuit. The BS further determines the transmit symbol vector of the MS or per bit Log Likelihood Ratios using the power difference values. The adhesion promoter comprises an aromatic polyimide-based UV-cured acrylate.

1459825918-c0e157b5-0d5e-402b-901f-cb25b6bb6407

A recording apparatus including an ink tank and a recording head having a flow path

forming portion that has an ejection orifice plate having plural ink ejection orifices and a liquid chamber provided for each orifice to supply ink to the orifices, and an energy generating element for ejecting ink in the chamber. The valve includes a body that has an inlet for connection to an injector, an outlet for connection to a catheter and a secondary connection for connection to a pressure transducer. A request, made by an application on the client device to a SaaS service provider identified by a Universal Resource Locator provided during configuration of the SaaS access control application, is intercepted within the network software stack of the client device.

1459825918-fbb0dabb-fe13-4fd1-b921-336443e8f813

Techniques for generating a distributed stream processing application are provided. One method generally includes binding secondary SERS particles to the primary SERS nanoparticles after binding of the primary SERS nanoparticles. In the event of a grill fire, the thermocouples detect the high heat, send a signal to the control panel, that in turn activates a mechanical lift to move the barbecue's cooking-grid away from the flame. A receptacle cover is pivotally attached to the receptacle flange.

1459825919-40c3606d-775e-4c7b-9a3d-73133db2cf7a

A method for weaving a pile fabric with areas having a corded structure, a backing fabric being woven on a weaving machine by inserting backing weft yarns during successive weft insertion cycles between binding and tension warp yarns, while pattern-weft yarns are inserted outside the backing fabric, and are covered by pile warp yarns forming cords. The hot edge ring has a first surface and a second surface. A blade including a portion is disposed within the recess.

1459825919-c1d75eeb-f24b-4bd9-8fb2-9218740fc205

An electronic couponing technique includes transferring coupon information, which may include a coupon ID to a first portable terminal and storing same therein. The division is performed at a rectangular multiplier using the Goldschmidt or Newton-Raphson algorithm. The supporting members are disposed at opposing ends of the belt and support a rotation of the belt. The programmable logic fabric is coupled to the one or more signal processing engines for routing of information between the signal processing engines. The first polarizing plate is disposed on the upper substrate.

1459825919-cb58a982-8272-4efe-87a3-f8d7a97922d9

A software product and method of monitoring a field device in an enterprise having an industrial process. A pressure sensor responds to a rise in air pressure supplied to the bottle by shutting off the pump. In the wireless network, the sensor node transmits in response to a sensed event and/or a request from a control node.

1459825920-496d54fb-2c57-4fb8-ad9d-2a7befbd80c3

Novel organic arsonic compounds are described as tumor inhibiting, and cancer treating compounds. The low and high density zones may be formed from laminates having different equivalent densities than the layers used to form the laminates. A server program 411 controls the sending of music data to the client 402, and registration of information in a music database 415, a link information database 416, and a ranking information database 417, searches the music database 415 for the requested music data, and sends the music data to the client 402. A third step may include second fabricating the chip to add the upper metal layers. These processes are realized with software by a DSP. At least the first shaped strip is joined to the second web.

1459825921-2b3e811f-3fde-44e3-b739-61e676074e3c

A method for forming a structure comprising multiple parallel surfaces having a precise separation is disclosed. The first peripheral edge is provided on the edge portion of a first upper surface of the substrate on which a light-emitting diode



element is mounted. The grinding assembly additionally includes two or more grinding elements that are axially mounted on the shaft in a spaced apart relationship, each grinding element including at least one disc-shaped grinding wheel. A first blocking device is associated with the second slide assembly and coupled to one of the ramp and the follower.

1459825922-2f3e6f6f-0149-4d57-b0c2-7a2c15078d63

A modular integrated socket apparatus comprises a shell, a pop-up structure, an adapter module, a connector base, and a coupling device. A bar is mounted in the enclosure and rotates about its longitudinal axis. An oxalic acid aqueous solution is injected from the oxalic acid injection apparatus into the circulation pipe. Upon receipt of at least one of the hash codes and the pixel data together with the location data, image data are generated. During the monitor interval, the connection module determines whether the load has been connected to the output terminal of the power supply. The solder resist layer is formed on the dielectric layer to expose portions of the redistribution lines.

1459825922-4179e33e-3818-4b2d-9d6c-c36b1c553649

An apparatus and method for shaving the inside of barrels. The device further includes a first lens set receiving the first light to generate a first transmitted light, the first transmitted light having a first profile, the first profile having a first profile error portion and a first non-error portion. These features of the invention are achieved by providing a thermal control circuit, a temperature sensor and a heater that are integrated along with a laser output power monitor photodiode into the submount assembly substrate. The content distributor can form a social network of members based on association of viewers that correspond to one or more of the client devices, and can determine recommended on-demand assets from different ones of the recorded on-demand assets for the members of the social network.

1459825922-4e22b548-99dd-4743-b8a1-2704e38441aa

According to various embodiments, the system and method of the present invention process light-field image data in a manner that reduces artifacts and that yields 2-D images with extended depth of field, and with variable placement of the center of perspective. The pump light beam is pumping a laser medium. The recording layer also has, when unrecorded a refractive index, at a selected wavelength from 400 to 660 nm, comprising a real part greater than 1. It is based on performing property-specific analysis on iteratively less abstract models of the design in order to obtain interesting paths in the form of a Witness Graph, which is then targeted during simulation of the entire design. The various embodiments provide for an improved cooling fluid delivery system of design simplicity, ease of use, and interchangeability that allows a cyclist an evaporative cooling concept safely, efficiently and conveniently, while riding in conditions of elevated or extreme temperatures.

1459825923-68dc48b2-31ed-4d09-abda-e5a95097f46f

Providing a narrow strip of electrically conductive rubber extending from a lower undertread layer to the surface of the tread by positioning a slotted chimney block in an outer tread rubber passage of a tire tread die and having the chimney block passage in communication with a lower undertread passage of the tire tread die. The sheath body is configured to be installed over a medical device. The sum signal thus generated is representative of the desired clock signal to be recovered. The multiplication results are then summed up to obtain an addition analog signal.

1459825924-17470a78-90e8-45bf-ac86-37aba91c22db

Devices and methods of forming a device are disclosed. The polisher comprises a base, a turntable, a polishing pad and a head drive mechanism for driven rotation of a polishing head. Moto-Auto Visor is also beneficial to Handicapped Individuals that can't easily remove and install a Sunshade. In an alternate embodiment, the

position sensor may include a sensing circuit that receives an analog signal from the sensing element and provides both analog and digital output signals. The carboxylic salts may be mixed with other nutrient substances to further improve performance. In an example, an apparatus can collect interrupt requests from a plurality of peripheral devices, and can communicate interrupt information to a processor.

1459825924-424afdef-e694-4799-8d32-f5ebff7cc4bf

An axial setting device having two discs which are rotatable relative to one another, which are supported coaxially relative to one another and between which there are guided balls in pairs of ball grooves whose depth varies across the circumference. The voice communications apparatus includes a transmitter frequency characteristic corrector circuit for correcting the frequency characteristic of a signal input from the telephone set, and a receiver frequency characteristic corrector circuit for correcting the frequency characteristic of a signal to be input to the telephone set. Preferably the ionic liquid catalyst system comprises a Brønsted acid. The core part is located farther from the medium facing surface than is the coupling part, and is magnetically connected to the main pole. The output terminal of the multiplier core is connected through a series LC circuit to the source terminals of the first and second nMOS transistors. A vortex disrupter structure extends from the exhaust dome to a point distal of the turbine to evenly distribute the exhaust gas entering the recuperator and sustain diffusion of the exhaust gas to increase the expansion ratio across the turbine.

1459825924-5ad2929c-400c-4d04-863e-9b94e1a897f4

Methods, devices, and systems for ultrashort pulse laser processing of optically transparent materials are presented, with example applications in scribing, marking, welding, and joining. In one implementation, a semiconductor processing method includes forming a substantially amorphous Ta<sub>2</sub>O<sub>5</sub> comprising layer over a semiconductive substrate. The control unit decides a driving order of the laser diodes according to the modulation signal of the light receiving unit so as to control driving of the laser diodes, and decides current values of the laser diodes according to the modulation signal of the light receiving unit so as to control current amounts of laser diodes to be driven. A treatment timer is associated with the container holder.

1459825925-3b522ed7-93a9-4105-b9cb-2e8f36f22995

The present invention provides novel crystalline forms of ascomycin as well as processes for the preparation thereof and pharmaceutical compositions comprising such crystalline forms of ascomycin. Preferably, the barbell is at least partially within a horizontal channel defined by the beam when mounted thereon. By placing input and output devices, in series, external voltages can be divided between the devices thereby reducing junction voltages seen by internal devices. A reservoir tank of the hydraulic fluid is connected to the hydraulic circuit by piping. The timing of such deactivations may be made compatible with mobile stations that do not recognize transmitted registration flag information.

1459825925-9ca5436a-3231-49d7-8c5a-4d409ee0e224

An antenna for transmitting and/or receiving electromagnetic waves has a flat ground plane, and an array of radiating and/or receiving elements. Furthermore, the thickness of liquid crystal layer in the transmissive region can be adjusted by controlling the film thickness of the organic insulating film for transmission and the film thickness of the color layer for transmission. The terminal receives the control signal and the data signal according to a notified control signal position. The second resistors couple primary inverting inputs of the op-amps to a common low voltage reference rail, which is coupled to a true ground reference pin through a coupling wire which exhibit a combined inherent resistance.

1459825925-b187d2ec-934a-4d6a-892b-1252cdc8b110

A network-capable device stores an address of another device. The present invention provides a multi-year calendar not much bigger than a standard business card which encourages the recipient to keep and use the invention as a calendar for possibly several years, with the business person's name and contact information pre-printed on the invention. To install, the rim is slid over the wheel, and the rim and tire are bolted to the wheel.

1459825926-19780ffc-b9c1-41f4-8be6-8fee061e4b18

An engine tool comprises an engine, a housing retaining the engine, a top cover provided above the housing, and an air cleaner room provided at the housing. In addition, they cause cosmetic problems in the carrier after implantation as a result of their external configuration. According to an embodiment of the invention, the detecting element is suitable for measuring at least one colorimetric characteristic of an image produced by the display device.

1459825926-3e56979e-b662-4c15-89c6-467aefccb7ba

An aero-acoustic aviation engine inlet with a single air blowing slot or multiple air blowing slots flows air over one or more segments of inlet acoustic lining surfaces at speeds that are higher than the inlet mean air flow speed, for aggressive inlet noise abatement. Absorber tubing is connected to an supply header and to an return header. At least two plates are disposed in parallel relationship and joined in sandwich construction, with one of the plates constructed to accommodate the venturi nozzle. The method can also include the steps of bonding the conductive vias to the substrate contacts, and forming terminal contacts on the interposer substrate in electrical communication with the conductive vias.

1459825926-99e27e00-7b9c-40c9-9d60-431f75b7a4cb

An electrical generator system includes a source for producing heated gases, a conduit connected to the source for receiving a flow of the heated gases, and a generator assembly positioned in close proximity to the conduit. The sensors are arranged to receive shockwave-only signals. The system and method may be used for bag filling applications. The ceramic layer and the metallic layer are alternately arranged on top of each other in such a way that an external layer forming an external surface of the wear-resistant coating is embodied as a ceramic layer. Alternatively, a high frequency intercept tone or call waiting tone is also provided when the called parties are already engaged in conversation when an urgent call is incoming. The dielectric spacers are etched back to a second width smaller than the first width.

1459825927-85072af4-e1d4-47fc-b8c5-6570d6e61131

A tree cutter in combination with a self-propelled vehicle is disclosed for cutting underbrush and small free standing trees, such as, Cedar. Thus, decoding can be enabled at terminals having inferior decoding capabilities and display capabilities. The end of each of the stop blocks is a stepped structure, plus the elastic deformability of the stop blocks, which makes the recess capable of holding different sized semiconductors.

1459825927-a6e1b75a-caad-4150-a33e-b859d767e155

A level difference or a uncut portion is prevented from being left between adjoining worked regions without forming any useless worked region. The circuitry may include a constant current source inserted in a leg of the defibrillator circuit or a resistor of selected value inserted between a high voltage source and the high side of a defibrillator circuit. The first heat pipe has a flat top face thermally contacting the bottom of the fin set, including a first transferring portion thermally engaging with the base and a second transferring portion extending from the first transferring portion and projecting beyond the base. Upon receiving an incoming data packet, a packet community set is determined for the data packet.  $5$  and  $X \geq Y$ , wherein  $a$  represents the thickness of the filler alloy layer clad on the core material of the inner side of the hollow structure, and  $X$  and  $Y$

represent the Mg contents of the core material and the brazing material, respectively. In particular, the compound has a 3,3'-bicarbazole core substituted at the 9th position with at least one of dibenzofuran, dibenzothiophene, dibenzoselenophene, azadibenzofuran, azadibenzothiophene and azadibenzoselenophene.

1459825927-ea650731-ef99-4a5e-8b16-7f84cbd74ff9

A multiple integral pressure transducer system for installation in oil field downhole coiled tubing systems. The rotor is connected to the stator by a high frequency connection via a line. The terminal can synchronize contents of the plant documents in the document server with those in the control system before storing the synchronized plant documents in the terminal. According to one embodiment of the invention, the temperature sensing element comprises a temperature sensing resistor and the heating may occur via non-nucleating heating. A source transmits traffic for the LAG.

1459825928-04cc5a27-3c23-43ad-ac13-f7faf30d9057

An optical film in which at least one layer of a cholesteric liquid crystal layer and a retardation layer are laminated, wherein an in-plane retardation of the retardation layer is 5 nm or less, and a virtual thickness direction retardation:  $R_{Zch}$ , and a thickness direction retardation:  $R_{Zre}$  have a relationship of  $R_{Zre}=0$ . One of the processors adjusts the motor assist torque to reduce the driver effort based on specified requirements defined by boost curves. The transparent panel is adapted to insulate the thermal energy captured by the liquid circulating in the enclosure. Hence, even rays exhibiting low energy loss capability can be detected in real time with high sensitivity. The two knife edges of the electrodes are spaced apart from each other and extend perpendicular to each other. Composite objects are defined by definition objects and are displayed in encapsulated or expanded formats.

1459825928-83430e54-cf79-4f80-95c4-c64a1267cfdd

An electromagnetic transmission apparatus comprises a plurality of electromagnetic coupling elements, wherein each electromagnetic coupling element has at least one resonant structure. The slave robotic unit includes the driving mechanisms which are more compact than those of the conventional MIS system. The second receiving region includes an upper socket and a lower socket.

1459825928-a7bbfa53-e6b8-466c-bdef-27fa48d65755

The present invention provides a semiconductor switching circuit and a semiconductor device using the switching circuit that can maintain sufficient isolation characteristics even when dealing with high frequency signals. The compounds of this invention have the structure: wherein R1a, R1b, R2a, R2b, R3, R4, R5, R6, R7 and X are as defined herein, including stereoisomers, prodrugs and pharmaceutically acceptable salts thereof. The blades of the VAWT are disposed so as to avoid interferences with communication signals. to detect the loss of traction by one or both drive wheels and adjust the operation of the motor until traction is regained. Thus, it is possible to eliminate play generated between the inner peripheral surface of the cover sheet and the outer peripheral surface of a sheet inserting portion and play generated between the inner peripheral surface of the disc substrate and the outer peripheral surface of the disc inserting portion.

1459825928-eacd255f-882d-4205-b785-d29f212d1dd5

The present invention provides an improved motion estimation encoder for digital video encoding applications. The condensable fluid in liquid form is contained as a bath in a chamber in each stage of the condenser, and the carrier gas is bubbled through the bath to condense the fluid into the bath. An inclination judgment unit calculates inclination angles each defined by each reference installation direction stored in the reference installation direction storage unit and the installation direction measured by the acceleration sensor.

1459825929-182e0db4-b4e4-4172-9e63-cc72f3d80de6

A composite gland sealing for the interlocking coupling of a housing end piece including an anchoring groove, a plastic ring and several locking inserts. Best operational practice requires that the air passing through the filter be distributed uniformly over the sorbent bed. When the motor is driven by limiting the current of the motor by I<sub>03b2</sub> and I<sub>03b3</sub> after T1 passes, it is decided that there is a probability of occurrence of an abnormality when rotation of the motor stops and the decision is reported to the external device. By means of the cantilevers, the inlet-side and outlet-side tube sections are deformed as a result of lateral displacements of the flow tube.

1459825929-d1f135be-f9e8-488f-81cc-6c06d0b7f82e

The present invention provides a method and an apparatus for abstracting logical topology information of a Peer-to-Peer network. The actuator has at least one protective member for protecting the last article in the stack being formed, said protective member being suitable for being interposed between said last article and a current article coming from the arrival corridor. The plurality of synchronization code inserting positions may be positioned at periodic intervals in an input code string, and the input code string may include a multiplexed code string and information indicative of a delimiter of the multiplexed code string. Further provided herein is a method for determining exposure of a subject to cyanide. Pull content, such as documents, having the greatest average access latency are sorted and a predetermined number of the documents are prefetched into the cache. The other ionic or non ionic preservative agent is preferably at least one component selected from the group consisting of 2-bromo-2-nitro-1,3-propanediol, parabens, imidazolidinyl urea, phenoxyethanol, DMDM hydantoin, 2-methyl-5-chloro-3,4-isothiazolinone 2-methyl-3,4-isothiazolinone and quaternium-15.

1459825929-d39c448d-1d6d-40f8-b0ca-76cc774ffeee

A connector, a system and a method connect, attach and/or connect a first cable and a second cable via the connector. The method generates a shutdown key, saves that shutdown key in each of the plurality of virtual tape controllers, and takes both virtual tape servers out of operation. The methods of the invention provide for specific detection of anthrax over closely related strains of Bacillus, as well as accurate detection of low numbers of B. Engagement of the bottom edge of the scale with the protrusion automatically moves the scale in the channel to provide the height of the protrusion by measurement indicia on the scale aligning with a top surface of a raised central portion of the cross member. Additional protection paths are provided between the nodes.

1459825929-f306e06a-7274-4e02-b8d3-ca80ac83cef0

Methods and systems implemented in an information handling system are provided for managing call event data between agents and callers for calls completed through a carrier. The system includes at least a first thread protuberance disposed on a first threaded surface of the support pedestal and at least a second thread protuberance disposed on a second threaded surface of the support pedestal. Thus, the sheet feeder restricts excessive rotating force being transmitted to a pick-up roller, so that damage or malfunction of the pick-up roller or a drive unit is prevented.

1459825930-466d5932-91ca-4ee0-9a2d-1cde246cbc3f

Highly-available processing of an asynchronous request can be accomplished in a single transaction. Because connection elements are no longer necessary, a high weight savings potential results, because, for example, rivets and rivet flanges required for this purpose, as in the case of conventional assembly from individual parts, become superfluous. The debugger agent is generally independent agent, in that it can work with a variety of types of test scripts, test script handlers, programming languages, and debuggers without customization. The design of the

cutting blade allows the mechanical motion of the blade and the emission of the ultrasound energy to remove accumulated bone chips and prevent excessive temperature rise. The aggregator network examines the processor messages for messages that have identical or similar data payloads and aggregates messages that have identical or similar payloads. The inventive variety demonstrates a unique combination of characteristics including white stigmas, purple-brown anthers, good shade tolerance and turf quality, and resistance to hunting billbug, fall armyworm, yellow patch disease, Rhizoctonia blight and zoysiagrass rust disease.

1459825930-83b0de2e-cb0d-4f32-91d0-aa0635ae42e7

A semiconductor substrate structure includes an electrode pad formed on a semiconductor substrate, a protective film formed on the semiconductor substrate with a distance from the electrode pad, and a bump formed on the electrode pad. The rivet feed slider includes a rivet receiving chamber which is configured to sequentially receive the rivets, and an aperture is in communication with the rivet receiving chamber. The front panel and back panel form an interior area sized and shaped to retain a card.

1459825930-8bb61b95-6cff-40d8-9897-7ad60c553d0f

An eccentric facing unit wherein a tool driving shaft is concentrically disposed in a spindle for relative rotation with respect to the spindle. The cell array includes multiple word lines, and the voltage supplying and selecting portion is configured to generate at least two different voltages to be supplied to the word lines of the cell array during an erase operation. The latch is connected at a fixed position with respect to the connector housing. Next, the computer system receives a process to be executed, and schedules the process to be executed by at least one of the processor cores based on the analysis.

1459825930-912f41f9-f810-4342-9733-efd445e3fe9b

A system for arranging a number of images into a compilation of images a metadata derivation unit configured to derive metadata from the images based on the content of the images, and an image arranging unit configured to arrange the images into a compilation of images based on the metadata derived from the images. The tissue engaging section can be appended to an accessory channel formed on an outer surface of the elongate insertion element, wherein the central longitudinal axis of the tissue engaging section is offset from a central longitudinal axis of the insertion element, or can be in the form of an elongate helical ribbon disposed around at least a portion of the insertion element. The stand-off can be further secured to the PCB using one or more of adhesives, interference fit techniques, snap-assembly features, and other applicable techniques. The electrodes are arranged in succession, in the direction of production. A conversion section converts content having a predetermined file format and a predetermined bit rate as a transfer target into content having the file format and the bit rate represented by the information obtained by the obtainment section.

1459825930-9595ffb2-00bf-4bdc-8f2c-c0998f428895

In a method for detecting the cadence of a sequence of images, each pixel in each current field in the sequence of images is compared to at least one pixel in at least one previous field. The methods and clock generator units all use two reference clocks: a frequency-accurate reference that has comparatively high Phase Noise, and a frequency-inaccurate reference such as that from a BAW or MEMS clock source that has comparatively low Phase Noise. Bob's modulator voltage is then set to a negative value and the process repeated.

1459825930-ecda8f3c-fec8-46ff-a4ea-f158101300a4

A liquid crystal display device and a fabricating method thereof that are capable of preventing breakage of a pixel electrode. The velocity of the motor must be determined to maintain the proper current to the motor. Annular grooves 41 are arranged on the cylindrical shaft 40 for receiving C-shaped retaining rings 70, for

preventing the heat resistant bushings 50 from coming off.

1459825931-22b0ff98-85a3-4ed4-8385-02d8e2f8b69c

An electrical connector for receiving a camera module includes an insulative housing, a number of contacts retained in the insulative housing, a pair of metal springs and a metal shield covering the insulative housing. The force sensor may be a capacitive force sensor. Other examples of the present invention show methods for regenerating a borohydride by reacting an aluminum hydride to a borate compound to provide a regenerated borohydride. After the black level adjustment period ends and the black reference level reaches a desired value, the CPU starts reading of a black reference signal for shading correction. When there are conflicts, conflict resolution techniques may be applied.

1459825931-3462ef0b-7359-4c99-830b-4b1b71b9aa8a

A method of forming a dual segment liner covering a first and a second set of semiconductor devices is provided. If the output information is selected and a shutter-release button is pressed, the selected information is presented to the person who is the subject. The rectangular cotton collection cage mounted to the trailer is removed and replaced with an upright vertical rectangular frame which supports sign material. The imaging system also includes a calibration image receiving unit for receiving image data representative of the calibration image. The antenna is provided on an inner side in the first surface, with a space greater than the wireless communication-capable distance being provided from an outer peripheral edge of the first surface. A packet that is generated by the method of generating the packet includes a preamble, a start frame delimiter that is positioned after the preamble, a first physical layer header that is positioned after the start frame delimiter, and a physical layer service data unit that is positioned after the first physical layer header.

1459825931-6ef7898d-846e-4686-ad74-c6615f09bc81

A method that identifies common peaks among unidentified peaks in the data from different LC-MS or LC-MSMS runs is provided. The gantry system may be configured to be collapsed on the vehicle during which the gantry system is inoperable and to be expanded during which the gantry system is operable and supported at least in part by the vehicle. Even when the contact surface is soiled by solder deposition after repeated applications to contact objects such as solder balls, simply grinding the contact surface and revealing a new surface, the contact resistance between the contact surface and contact object can be kept unchanged by grinding so that the test can be conducted with the benefit of low resistance at all times. Swivel fixtures are attached at each end of the pillow by virtue of the central tube. The model can be calibrated based on the received output signal for each of the plurality of samples.

1459825931-97dad8b-b467-4a59-b509-66375a9cf7cb

A system and method of channel estimation for a multi-user broadband wireless channel estimation in multiple antenna receiver systems use a specifically selected delay in the pilot symbol sequence portion of the transmission which is a multiple of the minimum Cyclic Prefix delay length. The detection result from the pressure detection sensor is transmitted to an ECU via a vehicle body side communication device provided on a vehicle body. The processing continues by generating a spectral shaping signal to compensate for non-linearities of the analog feedback signal. The reaction gases and heat produced by the COS oxidation reaction are harnessed to enhance the productivity of the well by creating fractures in the treatment zone and by melting of paraffin and resin deposits in the treatment zone. The sequence of cDNA clones of the human gene are provided, and the sequence of the gene can be used to demonstrate the existence of germ line mutations in hereditary non-polyposis colorectal cancer kindreds, as well as in replication error+ tumor cells. Finally, a signal analyzer determines the glucose concentration in the blood of the subject.

1459825932-18c38c3a-fee6-468e-8096-0cd7ae5aaf94

Methods of preparing improved settable compositions free of Portland cement and methods of using such compositions in subterranean operations are provided. A nozzle associated with the fan bypass passage includes a first nozzle section that is operative to move in a generally axial direction to influence the bypass airflow, and a second nozzle section that is operative to also move in a generally axial direction between a stowed position and a thrust reverse position that diverts the bypass airflow in a thrust reversing direction. Wherein the suture trimmer in accordance with the present invention may be additionally utilized to position knots formed within a suture loop prior to trimming the free end of the suture loop. The serial resonance section is connected in parallel to a capacitive reactance element, and a serial circuit composed of an inductive reactance element and a PIN diode as a switching element. The second input has a structure the same as the structure of the first input and the second output has a structure the same as the structure of the first output.

1459825932-2863c73f-0ce5-42ef-962e-b914bd3865dd

Methods and apparatus are provided for transcoding a data message, comprising a plurality of data fields and an authentication code ), to produce a transcoded message for transmission to a destination device. The handle includes a first grip at an outer end of a short arm and a second grip at the outer end of a long arm. Each profile comprises a set of two or more of the criteria. The filling temperature of the compressed gas stream is controlled by adding heat to the compressed gas stream by a trim heater or to the vapor stream to be compressed by recirculating part of the compressed gas stream to an inlet of the compressor. The PAS system and process can include: a pulsed tunable laser, such as a CO<sub>2</sub> laser, a reflector, such as a parabolic reflector, an acoustic reverberant resonator in which a microphone is installed, and a data acquisition and analysis system.

1459825932-4fd5d4e3-eeff-4d77-960a-8a04f04a2ad4

A structure of rivet nut gun having a body, a handle and a pressure cylinder. A plurality of traffic cones can be loaded into the magazine section, and a leading one of the traffic cones can be moved into the vertically oriented chute section for discharge and deposition onto the roadway surface. The second portion is thicker than the first portion.

1459825932-7bbb3a45-e494-4670-ac6b-1f3923dcef97

The present invention relates to a method for efficient routing in a multiple hop wireless communication network. N transducers, where N is an integer, are fixed on a surface of the individual over the thorax. The method includes determining, by a computer, an identity of a user of the participating telecommunication device. Based upon the plurality of signals, a predicted on-peak time value is determined. The container includes a volume for receiving the surgical fluid to be delivered to the handpiece and an end for removably engaging a receptacle in a surgical console and for fluidly coupling with a source of pressurized fluid in a surgical console.

1459825932-8a1e9465-94ee-4c54-9d05-16f3ca21e0b7

Medical devices, systems, and techniques are described for reducing the profile of a stent. Also provided are methods, systems, and compositions for decreasing the yield of one or more undesirable products during fermentation. Embodiments of the refractive index profiles in accord with the invention are shown having two or three annular segments surrounding the central void. The seating surface sheet part includes a seating surface core and the backrest sheet part includes a back surface core. The combination of a UV laser and a high vacuum quartz cell, in which a photocathode and an anode are installed, is utilized as triggering devices to switch the spark gap from a non-conducting state to a conducting state with low delay and low jitter. A CPU outputs to an interface the tone color data, and the series of note data and rest data at a tempo designated by the tempo data.



1459825933-7c708788-8540-47c2-b8f4-287ae4ab5893

A self contained motor-powered disposable loading unit for use with a surgical cutting and stapling apparatus. For this purpose, a two-way DC\2014DC converter 5 and the secondary battery 4 are installed on the DC output side of the AC-DC converter 3, and that portion of the load current that exceeds a predetermined peak cut level is discharged from the secondary battery 4 during peak loading. The configuration file may specify a first stage that specifies processing of a protocol-agnostic portion of a message. The separable components can be moved along an inherent guidance system and safely secured in the closed position by a bilateral locking mechanism. As a result, heat-resisting property of the NiSi layer can be increased, and thereby the NiSi layer can be inhibited from being transformed into a disilicide.

1459825933-8808cfe7-12ec-44bc-8981-87f6ce09bb81

Systems, apparatuses, and methods for low wander timing generation and/or recovery are disclosed here. The method also includes embedding the voice data within associated data in the software application, if the software application is voice-aware. The low-power operating mode may be initiated by a command received by the IP telephone from the IP telephone controller according to a schedule, which may be modified locally by the user to individualize the user's schedule. The outputs of these amplifiers are inputted to differential amplifier, whose output is compared by comparator with a prescribed value generated by reference value generator.

1459825933-d71791c4-6c1a-4da4-b98f-7ccd3ea99229

An automated method for creating only the necessary joins in a SQL query. Thus, the combination of the RF and DC voltages in such an arrangement forms a pseudopotential designed to provide for minima for the trapped positively and negatively charged particles that result in the overlap of the ion clouds so as to provide for beneficial ion-ion reactions. The method further effectively expands a memory capacity of a Flight Management Computer by providing swappable memory capacity such that a re-certification to Federal Aviation Administration standards of the Flight Management Computer is not triggered. The information may be exchanged via a serial bus between the plurality of radio transceivers, where the serial bus may conform to an I2C multi-master serial bus. This second periphery bounds a second planar area.

1459825934-302449a1-0985-4a91-8874-24612fff8db3

An embodiment of the invention is a logic minimization method that provides improved user design performance without a substantial increase in user design area. Dianthus \2018Sangria Splash\2019 is tolerant of high temperatures and resists center die-out. The transmitter is configured to transmit an electromagnetic signal to induce an electromagnetic response in the duct and the electromagnetic response is detected by the receiver. Still further provided by the invention are methods for producing soybean plants by crossing the soybean variety A1026862 with itself or another soybean variety and plants produced by such methods. By combining gelatin and other hydrocolloid film forming polymer materials, edible film compositions are achieved by solution casting which exhibit superior and desirable properties for adhering to the meat product and presenting a shining, appealing surface. The adhesive layers are applied to the bottom side of the adhering portions such that an upper one of the memo sheets is adhered releasably to a lower one in the stack.

1459825934-b3d0f829-06d9-4964-a38b-86568367e97d

Metal carbonyls are used to deliver CO to organs to limit post-ischaemic damage. The user of the comparator stores his evaluation of the properties included in the targets to be evaluated in a database in the server in the data network using a graphic one- or two-dimensional evaluation frame. In another example, a pool or spa is illuminated by one or more multi-color sensor responsive light sources that may

be employed as individually and independently controllable devices, or coupled together to form a networked lighting system to provide a variety of programmable and/or coordinated color illumination effects in the pool or spa environment. Moreover, the user interface component may also be configured to incorporate a retrieve progress display element that indicates a current status of a retrieve operation for a record. At least one load sensor between the first frame and the second frame, the at least one load sensor configured to measure a weight of the luggage case is also provided.

1459825934-dc9f220c-6613-4897-8084-18352c5877b0

A task synchronization mechanism operates on a global lock that is shared between processors and on local locks that are not shared between processors. In one aspect, a method includes receiving a plurality of training examples. The pipeline processor architecture further includes one or more additional co-processor pipelines. A processing unit is configured to obtain position information of the receiving antenna units according to the satellite signals and to obtain position information of the base station antenna according to the position information of the receiving antenna units and the preset position relationship between the receiving antenna units and the base station antenna. The response is then transmitted from the base unit to the remote unit for display. The robot system includes two handling robots each having a hand for gripping a workpiece and a welding robot having a welding torch, a robot controller for controlling the robots, a personal computer with a robot programming device connected to the controller, and a teaching operation panel connected to the controller for teaching each robot.

1459825934-ef1d88a5-d2b6-4383-a828-221bb7ef0b26

An embodiment is directed to an application server configured to set-up a communication session within a wireless communications system. The TFET includes a gate-stack, a channel region underneath the gate-stack, a first and a second junction adjoining the gate-stack and being capable for electrical continuity with the channel. In addition, methods and compositions are disclosed to treat and prevent metabolic disorders such as obesity, diabetes, and increased cardiovascular risk. Whenever a read or a write occurs to one of the assigned surfaces via the host data path, the corresponding flag is set.

1459825935-8f7e2a92-09b0-40f6-be35-4fffb1361b85c

A method for sharing a storage device amongst a plurality of computers while providing data integrity in the storage device is presented. The original image area includes a plurality of original pixel values. The second projector corrects the projection target image based on the coordinates such that the projection image by the first projector and its own projection image are in a desired relationship.

1459825935-b42c0499-5006-4340-8009-d580c4a54a63

A system and method for monitoring and/or detecting the flow of one or more fluids in a fluid system including leak detection system integral to the fluid system configured to detect incipient, early stage levels of the leak. The diffraction grating has a first grating region and a second grating region, which have different diffraction efficiencies. A hardware detector is connected to the USB connector for determining the port type.

1459825935-bc05ce9d-e157-4ff9-aca8-e628b4186cd1

An integrated circuit leadframe has a pair of leadframe rails that are specially treated to adhere to injection mold compounds to a lesser or greater degree than portions of the leadframe rails outside of the treated areas. The memory device has a package configuration that is compatible with an SDRAM. Each vending device is operatively coupled for communication with the centralized ticket manufacturing controller, normally via a network connection.

1459825935-e659c466-6c0e-453a-b83b-3561bf41a01e

An electrical plug has locking hooks on the ends of flexible arms extending from its housing. Besides increasing the specific conductivity at very low doping concentrations, the doping brings about substantially no negative change in the color impression of the layer for the human eye. A guide element provides an elongated track having a first part extending generally parallel to the longitudinal axis of the flow control element.

1459825935-f7cdaaa1-8ef6-414c-bec6-4534981b90c1

A device for welding plastic sheets using of hot gas heated in a tubular conduit through which an electric current flows. Each of a TX series transistor, an RX series transistor, and an RX shunt transistor is comprised of a low voltage MISFET, while a TX shunt transistor is comprised of a high voltage MISFET. In our particular embodiment, the auxiliary window is a toolbar or sidebar window located within the host application window itself.

1459825935-fe98be1b-17d3-484e-828a-3208caed8a22

An image reject mixer arrangement 1 comprises a transconductor 2, first and second mixer cores 3 and 4, first and second phase shifters 5 and 6 and a summer or combiner 7. A spring-biased lock bar 170 locks the dumbbell grip in the notches during normal use. Multiple system parameter scenarios are coordinated. Profiling is done for individual pieces of load controlled equipment rather than for the site as a whole. The sending peer is arranged such that if it receives a threshold number of duplicate acknowledgements, it performs a retransmission.

1459825936-02ea1407-6ab2-44d7-909d-2d6398ceb63f

An interfaced carrier assembly including an interface circuit having printed contacts to provide electrical interface or feedback control for lapping operations. An example compression circuit includes a comparator configured to compare data provided by a group of memory cells associated with a repair address. A completed process module that has invalid commands removed is compiled as a service procedure.

1459825936-89fd7643-b0f9-4d45-bbb8-9c6070b8fabc

Methods are provided for installation of a rain diversion system including formation of a deflector with a machine placed above a forming machine dedicated to formation of a trough. Data is received from a first client computer system at a master data server that includes a data store for master data used by the first client computer system and a second client computer system. In the image processing unit 11, the motion image data 112 that have been stored are selectively referenced and processing for polygon drawing is conducted based on the assignment from the motion reproduction assigning unit 102 and the like, and a demo screen containing motions of the player which differ for each reproduction are displayed on the display device 2.

1459825936-c8491893-f32c-45bd-98fb-50f23f8d956a

A textual search index is used to identify data objects that have numerical properties that satisfy search queries. First and second beams are provided with the first beam being secured to one leg of the first pair of legs and one leg of the second pair of legs. A confidence factor is then determined for each such association rule and these confidence factors are stored in data partitions for the temporal data sets. For instance, an information handling system maximum operating temperature is detected by firmware running on an embedded controller during imaging of a hard disk drive and fails thermal testing if the detected maximum operating temperature exceeds a predetermined value, such as a value that would not be reached if the thermal subsystem functioning properly. The memory access control circuit controls the first, second, and third connection circuits according to priorities assigned for the connection circuits and determines which of the second local bus, first local bus, and system bus will be connected to the local memory

bus. The growth chamber is heated whereupon the source material sublimates and is transported via a temperature gradient in the growth chamber to the seed crystal where the sublimated source material precipitates.

1459825936-ced00a91-9cda-4c9b-a90e-d30d1f7002bf

Devices for removing particulate from surfaces may include at least one belt coupled with at least one guide to rotate the belt about the guide. Furthermore, both when data is saved in spare sectors SS and when data is written over data sectors DS, appropriate pointer information in RDM table stored in a reserved area RA including a nonvolatile memory is updated as required. A composition further comprising an additional fungicidal compound. Numerous transistor configurations and suitable fabrication processes will be apparent in light of this disclosure, including both planar and non-planar transistor structures, as well as strained and unstrained channel structures.

1459825936-d18c71cc-a21d-4c84-84b4-af2dc3cbbdd1

An adaptive non-contact testing method is provided for testing a touch panel, wherein an air nozzle generates an air jet toward a selected position on a touch panel under testing to cause the touch panel to generate a touch signal. The invention utilizes program constructs which correspond to and map directly to the adaptive hardware having a plurality of reconfigurable nodes coupled through a reconfigurable matrix interconnection network. The PDP further has crystalline MgO layers each provided on a part of portion of the face of the front glass substrate having the row electrode pairs formed thereon and facing toward the discharge space. The housing is in electrical communication within the loop body, and includes a transceiver, control logic and an energy source. The bitumen film is sufficiently cooled after magnetization in order to preserve the magnetization, whereby the orientation of the magnetic powder particles, which is adjusted during magnetization, is maintained. In one embodiment, the apparatus comprises a memory and multiple finite state machine comparison units operating in parallel to compare packets to signatures to identify matches, if any, between data units in the packets and the plurality of signatures.

1459825937-1166add6-cd04-4b7f-a85c-f75f1785e561

A blind rivet formed with a tubular shell, and a mandrel extending through the shell. The system includes, a parallel flow mode when product flows concurrently from at least two units to a single unit; and a serial flow mode where product flows from one unit to another at a given time, wherein the batch manufacturing plant is modeled based on the parallel and serial flow modes. The cellular impulse and the reflections of the cellular impulse may be compared to determine the electromagnetic reflective characteristics of an ambient environment. The first filter portion is formed from an annular pleated paper filter media comprised of two layers with a water sensing chemical therebetween.

1459825937-1b703a2c-afdc-4204-b70e-ad113f875ba7

A computer based image data processing system reads image data from a framestore and processes this data in response to user commands. A metal collar incorporated in the seat frame has a cylindrical shape and is covered by a resin member. The control unit performs, when detection of contact is started on the touch panel, character recognition processing based on a trajectory connecting each position at which the contact is detected. The frequency doubler can include one or more additional delay circuits in series after the first delay circuit, the output of which is provided to a multiplexer. Potential applications for the system include subcutaneous, long-term, automated drug delivery, for example, the delivery of insulin to a person with diabetes. This enables the data packet reception test results to identify the number of data packets correctly received within the prescribed time interval and identify which data packet reception faults are due to reception of a faulty data packet or reception of a valid data packet in a faulty manner.

1459825937-2a75dbcd-f256-480d-aca7-e211fd8c3706

A transmitting arrangement includes a matching circuit, a reference circuit and a comparator. The electrolyte layer comprises a water absorbent polymer and an aqueous alkaline solution. The base body is fastened with one end thereof to a body part.

1459825937-bc2f705b-ac53-4c80-850d-60d279ca3d88

The present invention is a computer system and method that manages connections between one or more data network interfaces and one or more phone interfaces. The grounding electrode includes a notch portion opposite to the coupling line portion. The side and back sections are connected to a central vertical spine between the side and back sections. Using these techniques, the brazing could be accomplished at a temperature in the range of 750 to 1050 F. The first recognition result is stored in a memory device in association with the first speech input. Depending on the types of queues that are utilized, there can be difficulties in managing the order of execution of commands.

1459825938-37f8f481-2f57-4e4b-9006-cbfff9b2d5f4

A multi-chip module that includes a conductive element to serve as an electrical connector for electrically connecting respective electrical contacts of at least two power semiconductor devices and serving as an output connector. The arms are arranged circumferentially around a common illumination region, so that the region is illuminated from several directions. The bottom plate portion has an outer dimension smaller than a fixing hole formed on the fixing plate.

1459825938-b83e67f9-df50-4cfa-a0c7-ff1c9a580435

A detecting unit detects an object in an input image. At least one through hole extends in a vertical direction through the carrier board, the wiring, the adhesive layer, and the conductor layer and forms a hole wall surface. By using dedicated subcarriers for burst information, scheduling decisions can be made closer in time to the actual bursts. The top surface of a filling oxide film in the shallow trench isolation which is adjacent to each channel region is higher than a top surface of the semiconductor substrate in the channel region. The method still further includes selectively applying a first bias to the first metal electrode to electrostatically dope the first end of the carbon nanotube and selectively applying a second bias to the second metal electrode to electrostatically dope the second end of the carbon nanotube. Charging the variable toll provides an incentive to the driver to encourage driving that does not include tailgating or a disincentive to the driver to deter tailgating.

1459825938-c756eb01-b1f1-41f9-8e12-1b3f84b45511

Disclosed is a wheel speed sensor for a vehicle which has a function of detecting revolution of the wheel in order to provide a uniform braking power when a vehicle brakes. The replacement flange is placed on the surface, and welded to the surface utilizing cold metal transfer. The system includes a syntax pattern selector module and a statement assembly module. Liners are provided with a plurality of conduits for directing pressurized lubricant from the centralized lubricant source so as to minimize lubricant loss.

1459825938-dca95c68-d2c0-4ff9-ba52-4400fe43c043

A current supply circuit comprises a reference voltage generator generating a reference voltage that varies with temperature, a current circuit generating a constant reference current irrespective of the temperature based on the reference voltage, and a current source generating a mirror current by mirroring a base current as a replica current of the reference current. According to a first embodiment, two different loss-of-focus thresholds are used. The expansion tool is moved along a path inside the host pipe, stopping at stations on the way. Preferably, the truck includes a dump bed that is adapted for dumping in

either of two opposite directions. There is also provided a photographic light-sensitive material package formed by housing the photographic light-sensitive material in the packaging material for the photographic light-sensitive material.

1459825939-34774723-047d-4f46-901e-54eb3d6b1490

A nonaqueous electrolyte secondary battery includes a positive electrode, a negative electrode, and a nonaqueous electrolyte. The spoke is a generally slender element with a longitudinal axis with a span portion between the rim and hub and a tensile axis of applied tensile load along the span portion. A second outlet port is opened at a second space formed between an axial backward end surface of the first pump casing and an axial forward end surface of a second pump casing, so that discharge pressure of working fluid of the second pump is supplied to the second space. A combiner is provided for combining the first filtered signal with the unfiltered signal for producing a composite signal. The compound passes from the tube through the applicator by way of a slit, and that slit is formed by an arrow shaped element placed in front of a hole.

1459825939-7c2a8caa-0e12-4d1b-a009-36fe192363eb

The present invention provides method of producing a trivalent and tetravalent mixed vanadium compound having excellent solubility with sulfuric acid directly from a tetravalent or pentavalent vanadium compound by using a reducing agent, and a method of producing a vanadium electrolyte. The base member has an opening therein. The upper thread section has a thread pitch which is smaller than the thread pitch of the lower thread section. A boss in a height middle portion of the mounting bracket is fitted into a cabinet. The tunnel has a leading edge forward of the transom and an interceptor plate projects downwardly from the hull at the leading edge. The air flow splitter is disposed in the air flow path upstream from the air flow regulator, the splitter dividing the air flow path into first and second downstream flow paths, with the first downstream flow path leading to the respirator.

1459825939-8cb5244b-5900-4823-94af-2fb5607f8f1e

The invention relates to ultrasmall, monodisperse nanoparticles comprising silicon dioxide to the surface of which at least one antigen is attached. The combination of actions may include hiring, contracting and cross-training. For example, the longer frame period may be an elongated frame period, which is the longest period during which each of the voltage waveforms has a respective constant voltage value. Further, based on the input attachment angle, the axial angles of the astigmatism of the left observation optical system and the right observation optical system are determined. A bottom edge of each of the forwardly facing ladder hooks disposed within the top side of the back support. The device serves during a failure simulation to modify the overall power delivered by the power plant, with this modification being performed with the help of first adjustment means.

1459825939-c014b45f-c7e7-44c4-9098-60e9e1551f0e

Disclosed herein are ethylene-based polymers having a density greater than 0. The subcutaneous imaging marker comprises at least a first element and a second element, each of which have a primary imaging mode. The termination has a body extending in a longitudinal direction between opposite first and second ends, and a lateral engagement face formed on the body. The shock absorbing device may further include a bearing device configured to rotatably guide movement of the first stem relative to the second stem along a direction substantially parallel to the longitudinal axis of the first stem and prevent radial sway between the first and second stems. Advantageously, said rest position is selected to be as close as possible to one of said extreme positions of the movable member, taking account of the movement amplitude required of the piston to impart a desired excitation to said load. The remote health-service session includes a health-service provider at the second physical location providing a health service to a patient at the first physical location.

1459825940-01f60541-6734-4821-96d8-6d63ff00260a

A repositionable medium includes a base, a paper, and a first repositionable adhesive. The method avoids having to measure the neutral plane radius by dividing the uncured belt into discrete molding sections and adjusting the length of each section prior to molding. The formulations are further characterized by good to excellent solubility of the salts in aqueous solutions. The transistor has gate area that extends into isolating trenches.

1459825940-206a87a5-2610-47a2-84ad-d65228a6be70

An adsorbent article having a base body or matrix onto which is applied an adsorptive coating. The cover is engaged with the main body, having a jointing tube protruding into the main body and two notches cut in the jointing tube. A first STI structure is formed to a first depth and a second STI structure is formed to a second depth.

1459825940-444338b8-169e-4b30-a61c-4d257e03fba1

A wheel axle suspension for attaching a wheel axle to a vehicle chassis has a trailing arm extending crosswise to the axle body and an axle pad arranged between the axle body and the trailing arm. The system includes a tract dilator for locating the puncture, an introducer, and a pusher. During the conference the library of digital objects is downloaded to the participant communications device. By way of example, the thin film and an insulating dielectric material disposed between two electrodes can provide for rapid loss modulation. The catheter shaft may be formed by stepwise extrusion, co-extrusion, and/or reflow processes.

1459825940-4f54549e-4cbb-4a5c-95e0-398f243132fc

Apparatus, methods, and articles of manufacture for media monitoring are disclosed. The hybrid Brillouin/EDFA apparatus of the present invention includes at least two couplers, a phase modulator, an Erbium-doped fiber, a laser source to pump the Erbium fiber, an optical circulator, and a length of fiber used for Brillouin amplification. A variety of metallic coatings may then be deposited onto the bare segment of the optical fibers. The thermistor being connected to the second port reflects the signal being output from the second port by varying the power of the signal according to temperature, so as to input to the second port, in order to adjust the attenuation amount of the signal.

1459825940-d46a137d-b2ce-40f4-9408-add020652348

An electronic price label promotional information verification system which ensures that promotional information for an item obtained from a promotional information file is equal to other promotional information displayed by an electronic price label for the item. An RF coil assembly is constructed to have a plurality of RF coils arranged in axial and tangential direction for image data acquisition with acceleration in at least two dimensions. Preferably all of the filaments are identical. The RFID transceivers can be coupled to secure tapes of various lengths and widths and mesh bags or sheets of various sizes and they can be applied at the carton-level using them to locate, track and identify the integrated circuit, printed circuit boards and products in which they are implemented and/or the cartons in which they were placed.

1459825941-1496dbab-58fe-4866-887a-80d8b66d7274

A locking, removable handle assembly for a vise is provided. This method, known as BK by Measurement, utilizes a manual measurement procedure where predetermined points are identified and measurements are taken of a patient's residual limb. At least one electrode in a memory element is reactive, while another may be inert. This structure provides semiconductor devices in which memory cells having desired characteristics can be readily fabricated. The presence of a substance in the breath causes the indicator reagent to undergo a visually ascertainable change.

1459825941-56f80782-f9b4-466c-a960-05418428f142

Described is an optical information medium measurement method of measuring a degree of modulation in an optical information medium of a multilayered structure having a plurality of information layers. The technique takes full advantage of the multi-resolution characteristic of the discrete correlation function by starting the processing at the smallest scale and if necessary gradually building correlation planes into larger interrogation areas based on the result of inter-level correlation correction and validation. The light beam can pass through at least one optical component in the optical system, where the optical system has astigmatic properties selected to maintain desired irradiance within the defined area of the medium through a range of working distances between the optical system and the defined area.

1459825942-3d4e4922-bbbc-4801-8c2c-017ca047453a

A platen roller assembly for a printer includes a platen roller, a retaining clip, a plurality of bearings, and a pulley assembly. In the optical displacement-detecting mechanism, a light source having a spectrum half width of 10 nm or larger is used, whereby the light source can be driven with an output power of 2 mW or larger without generating mode hop noise and optical feedback noise. The anti-theft system generally includes a counter that counts the number of uses of the thermometer during a period beginning from the time the thermometer was last on the mount. The connector is pre-produced, such as from relatively rigid material by a moulding operation, and then placed in the mould which is used for producing the bellows. The additional first edge and the additional second edge are immediate neighboring edges. According to one embodiment of the invention, the measuring circuit comprises an op-amp, a RC network connected in a feedback loop of the op-amp, and a scaling resistor connected in series to one of the input terminals of the op-amp.

1459825942-473c5b02-f6ad-4659-a797-d63832fbbbb6

The invention provides methods of detecting a nucleic acid. Rarely used or unused IO ports are identified in a computer system and a debugger program is instructed to halt program execution when an access is made to one or more of the identified ports. The information indicative of a command for the digital apparatus to execute to interact with a host apparatus.

1459825942-55d4d9e5-763a-40f8-b051-2c6902a58fe1

A method and apparatus for use with a transistor array for enhancing the array's performance and/or reliability and/or longevity by sensing the temperature of each transistor in the array and initiating corrective action to maintain its temperature within a desired operating range. The device includes a cap comprising a cap head mounted to a hollow shaft with internal threads therein. A support bracket can be configured to be coupled to the output shaft and to support a front wheel of the vehicle. By dynamically changing the formats of the media item, more robust and reliable communication between the media source and the media player can be achieved. An emitter is attached to the shortened conductors after insulation is stripped from the conductor tips.

1459825942-65ca02a3-3372-4815-b318-b7eda22beeaf

In one embodiment, a scheduler for use with a star switching fabric includes a scheduling star switching fabric operable to receive a plurality of packets each associated with one of a plurality of wavelengths and a plurality of selecting elements associated with the scheduling star switching fabric. The IV may be used with a machine that includes a work-piece and an interference body positioned proximate a surface of the work-piece such that a relatively small gap extends between the work-piece and the interference body. One bulbous region serves to hyperextend the valve leaflets and the other assists in stabilizing the balloon position to reduce migration. A circuit breaker may be used to disconnect the inductive power outlet in case of excessive power loss. If variable data need be



entered to access the host screen, the server sends the user a submittable form on which to enter the appropriate information, which, once entered and sent to the server, is used by the server to retrieve the host screen. A first method includes reacting an imino-di-carboxylic acid and an organoboronate salt.

1459825942-65f53514-b47c-4dca-b5db-c60ae491ca52

A slurry removal control mechanism for a CMP polisher is provided. In the case in which the movement of the radio terminal between RNCs has occurred during a period until the radio terminal actually received service data after it joined the MBMS service, the radio terminal notifies a moving destination RNC of at least identification information for specifying a moving source RNC. The outgoing data model indicates a platform independent interface that is utilized to communicate with the service provider. As a result, coded data obtained by efficient compressive coding that suppresses the code quantity can be appropriately decoded. The reproduction is based on spatial analysis of directional cues in the input audio signal and conversion of these cues into audio output signal cues for two or more channels in the frequency domain. An energy management system can enable components of a device within a home network to power to different operational modes in order to determine different power consumption levels.

1459825943-1ad43db1-4c17-40cc-9278-7ba0e3067d20

A face panel for a computer housing includes a face panel body and a cover plate assembly. As the apparatus for processing an MMT signaling message according to an embodiment, an MMT receiving device includes a context information measurement unit for measuring network context information to be reported to an MMT sending device. The AV switch may enable generation of outgoing PDUs by inserting or modifying a corresponding traffic class designation within each of the incoming PDUs. Also disclosed are 2-pole, 4-pole, and triplet filters implementing a unitary resonator assembly in conjunction with a unitary mounting structure, and a diplexer implementing a unitary resonator assembly in conjunction with a unitary mounting structure.

1459825943-260bf105-1d3f-4fd6-9afc-96ee3a33d260

A drink component thermally sterilized and flavors which has been removed of microorganism by filtration are formulated under aseptic conditions, and a mixture obtained is filled into containers. A first cushion first side is located adjacent to a base first side and features a first cushion component, a first heating element, and a first massaging component located inside. The particulate accumulates as a surface loaded layer until it achieves a certain depth of particulate or gray scale characteristic or color depth indicative of the end of the useful life of the filter prompting a change of the filter structure. This permits effective lossless entropy encoding despite the differing characteristics of photographic and graphics image content. In one aspect of the invention, the engine output torque is increased by the peak efficiency torque value associated with the starteralternator, and a switching circuit is periodically activated to maintain the desired charge on the energy storage device. The systems and methods decrease the amount of time required to heat-up the electrical resistance igniter to a temperature sufficient to ignite the gas while regulating the output voltage being delivered to the igniters to prevent over voltage damage to the igniters.

1459825943-8eedeefc-c28e-4c9d-bbf6-6f1e8975031e

The present invention provides a motor assembly method for mounting to a base. The connection for the base electrode is formed by an electrically insulated conductive polycrystalline semiconductor layer. A distal portion of said surgical instrument is introduced through a percutaneous penetration into the body cavity within the patient. The bolt is operated by a knob provided on an outer surface of the cutter retaining portion. Each processing element that completes processing of a thread turns off a corresponding diverter. A display is provided on a remote control device, prompts are provided on the display, and viewer responses to those prompts

are monitored, stored in memory, and thereafter processed to reward viewers for responding properly to the prompts.

1459825943-9044ae2b-2f26-4f1f-918d-3a371c22933e

An injection syringe of the present invention comprises a hollow barrel, a needle seat and a plunger. Most preferably, an electronic control system is provided to enable precise control over the speed and positioning of the stacker arms in both horizontal and vertical orientations. The control sections have conditions for entry to the block and conditions for exit from the block. An associated enclosure incorporates a loading door preferably configured for operation in response to the position of the ram device. When the voltage level of the power supply rail is higher than the predetermined level, then the power surge is presumed to be an ESD pulse, and thus the ESD power clamp is enabled to turn ON and discharge the ESD power surge. The controller stores the logical address tag block in logical address tag block areas ensured other than data areas on the disk array which store the data stripe.

1459825944-46571e80-4dee-4b36-beac-c7c99111c64a

Samples of materials used in industrial processes are analyzed to determine the concentration of certain materials of interest. An actuator is positionable in the base, rather than in or around the vertical column. The packer assembly includes a deflation sub that houses the components of the emergency deflation mechanism.

1459825944-76e4b381-4771-42dc-ae0f-a49b73269b89

In a communication network, the network management system NMS keeps one or more element management system EMS in synchronization of network topology changes using requests that are automatically generated or manually requested and then sent from the NMS to the affected EMS whenever a node topology change is made at the NMS. The RF signal repeater system includes a signal tagging means that adds a unique electronic signature to the repeated signal such that position determination errors due to a non-line of sight propagation path can be corrected. Additionally, embodiments of the invention can employ a one word commerce model that abstracts the particular model used by various electronic commerce vendors' web sites. The response is processed to find out whether the forwarding node is misbehaving or not by verifying whether the transformed information is equal to an information which can be or has been derived from the requested packetpackets, wherein the processing is carried out both by the sending node and the receiving node. The bearing gaps are configured such that the second bearing gap is larger than the first bearing gap. The trash can closure defines a flexible sheet cover configuration to be resiliently retained temporarily over the open end of the receptacle trash can container that will be retracted and collapsed on itself as it is removed.

1459825945-046611a6-2098-4cc7-9ff6-2fa68848b2d3

When a patient is fitted with an external gastrostomy connection to the stomach, ingested food can be removed through the gastrostomy connection using a pump-based or siphon-based system to achieve weight loss. The first chip includes a first bump structure overlying the first substrate, and the second chip includes a second bump structure overlying the second substrate. In addition to the damping chamber, a closing chamber is provided, to which an end face of the outer nozzle needle is exposed in the closing direction. The slit defines a restricted fluid flow path and a relatively small interior volume when in an undisturbed state, defines an expanded fluid flow path and a larger interior volume upon the introduction of the second medical instrument into the slit, and retracts to define a restricted flow path and a small interior volume upon the withdrawal of the second medical device from the seal. The apparatus, methods and systems incorporate a modern processor and therefore corresponding modern components and have circuitry that can be used to access original games.

1459825945-b947cc2d-845b-4668-8368-63cc4b7f8181

The invention provides systems and methods for exchanging gas in an oxygenator device, and methods for preparing and using such oxygenator devices. A signal generation/output module is provided together with the signal input transfer module, for generating the positioning signal in which a plurality of signals having different frequencies are defined as one group. A bottle carrier has a plurality of apertures, each aperture is structured to frictionally engage a top of an associated one of the plurality of bottles when the top of the associated one of the bottles is inserted through the aperture.

1459825945-e995760e-722d-4d6a-b916-c696697cd35d

An electrolytic process and apparatus for oxidizing inorganic or organic species is disclosed. Link state topology exchanges provide each switch with network topology graphs to determine paths from source to destination end systems. The device electrode of the slider is exposed at the surface of the slider on the side opposite from the medium-opposing surface without being covered with the light source unit. The method further includes estimating a first number of unique search results based on the predetermined hash value range size, the predetermined number, and a largest hash value in the smallest hash values.

1459825946-0875dcf8-5641-408c-b426-fb567a07a27e

An apparatus and method for recovering and recycling hydrogen from a reforming process raises the pressure of at least one hydrogen-rich gas stream from at least one catalyst lock hopper and delivers at least a portion of the pressurized hydrogen-rich gas stream to at least one predetermined downstream location. Three preferred embodiments are disclosed. A moveable fence, has first and second ends, with the first of the moveable fence ends being pivotally attached to the first end of the fixed fence.

1459825946-60bfccbc-d35c-4187-b4bb-605d45f35e53

A method for forming microscopic 3D structures. The one or more print options are identified for subsequent resolution, and can be applied to one or more other network services. In this state, the autonomous traveling unit is rotated by 90° to the right so as to face a plane formed by a second member of the charging unit at the right angle.

1459825946-6e97c496-dfd6-4c68-9906-b4484ee7f6fd

Aspects for improving signal quality on high speed, multi-drop busses are described. If no appropriately sized variant exists, the enlarged character is assembled from a plurality of component glyphs that are stored with the font, wherein the component glyphs include an extender that may be duplicated within the assembled character in order to achieve the desired size. The deflecting housing contains a deflecting chamber, and has at least one inlet communicating with the deflecting chamber and at least one outlet communicating with the deflecting chamber. The short operations can be less than about 80 bytes. The device includes a third fluid mechanics cylinder, which moves the said piston of the dead space, wherein the third fluid mechanics cylinder is activated by means of a compressed fluid, supplied by means of an independent hydraulic system, in order to obtain continuous variation of the dead space. The system further includes a curing system coupled to the drying system, and configured to treat the dielectric film with ultraviolet radiation and infrared radiation in order to cure the dielectric film.

1459825946-702bc7a8-9e9f-45e5-9162-03e111c13d8e

The present invention relates to a wireless communication system. This apparatus is constructed partly or entirely of substantially zirconium-free materials. A forward error correction block size is maintained at a constant amount. The metadata can then be used to filter the set of information cards that can satisfy a security policy from a relying party.

1459825946-a8a9ef11-2e00-4ecd-8ef3-0583f6d228a7

A bypass logic circuit generates select signals by using prediction result flags which are results of prediction about branch, instead of a branch condition not-taken signal actually output from a branch unit. These embedded data marts, referred to as workspaces, are assigned centrally manage data by reference only but rely directly on the centrally managed data and the underlying infrastructure. A data flow diagram may be automatically generated from the first diagram. The initialization controlling section makes the display layer a uniform reflectance by applying pressure to the display layer with the pressure applying section. The at least one STI region defines a sidewall surface with the substrate and may include a nitride layer lining a bottom portion of the sidewall surface, an oxide layer lining a top portion of the sidewall surface above the bottom portion, and an insulating material within the nitride and oxide layers. Other embodiments are also described and claimed.

1459825947-08d21a34-71e9-4957-b836-1ddce48178dc

A movable die is fastened to a stationary die, a relationship between a contact force of an injection nozzle to an injection hole of the stationary die and a closeness is investigated, the injection nozzle is brought into press contact with the injection hole of the stationary die by a contact force achieving a predetermined closeness, and a lubricant is coated by a predetermined pressure. A P-type silicon substrate includes the active area partitioned by the shallow trench isolation. The aortic graft is bifurcated and includes ipsilateral and contralateral legs. A visitor to a social networking website may select to not have their information displayed at selective a social networking website, while still being displayed at another social networking website. The circuits are located respectively corresponding to the contacts. The endwall shape includes a non-axisymmetric trough which extends from a leading portion of the at least one flow passage to a point near a trailing edge portion of the at least one flow passage.

1459825947-4a57eefa-7f1c-415f-8d72-9685ed232560

A method and a system for allocating restoration capacity in a network link in a communications network provides that a common pool of communication capacity is provisioned in a network link, such that the common pool of communication capacity includes spare capacity for new service and restoration capacity. The appearance inspection system includes a marking station. Upon discharge of the fluid from the cylinder through each valve, the fluid is forced to travel through a restricted labyrinth to further dissipate the impact energy.

1459825947-a9ec35f6-8489-4195-bbf5-91398d1952ed

A switching element includes: a first electrode supplying metal ions; a second electrode less ionizable than the first electrode; and an ion conducting layer arranged between the first electrode and the second electrode and containing a metal oxide that can conduct the metal ions. The lighting device includes a housing, a lighting element disposed in the housing, and a first attaching unit connected to the housing. The diester is added to the mixture in an amount effective to produce seal swelling and to lower the pour point.

1459825947-cdfa2d93-ed0b-432c-a266-f0efc36e2db5

An end cap arranged to slidably support a rack, is inserted into an end of a housing in which the rack is inserted. The hybrid switch may be initially installed/activated as a narrowband switch in order to operate with a network of all or mostly all narrowband switches. An FFT unit FFT-processes the received data to obtain an FFT result. There is a bag holder constructed and arranged to hold a bag in place and normally open so that in a first position, mail placed into the deposit port falls downwardly through the bag holder and into a bag in the collection chamber and which bag may be preliminarily sealed while in this position, and in a second position, the bag may be more securely sealed and removed from the bag holder. By communicating both the access point address information and GPS location information, both PSAPs that are configured as E911 Phase I and E911

Phase II may display address location information of an emergency 911 caller.

1459825948-3626afd5-63ef-4651-a59e-1e12837d4e31

A three-dimensional sail apparatus that is made up of a plurality of spacedly disposed foils and a sail cloth for attachment to the foils on opposite sides thereof. The light duct comprises a rear face forming at least one reflecting facet designed to return some of the beam substantially along an optical axis of the light duct. The functional capabilities which may be modified include both software and hardware configurations of the telephone switch.

1459825948-5aca5d77-f942-4e5a-94db-a0276b975df5

Fast exchanging and sharing a file between plural computers operating by different type operating systems are capable, even if disk space allocation system is unknown for OS. The specified location or platform is within a range less than a predetermined maximum object distance. A max-min search circuit determines maximum and minimum turning points closest to the center of the data processing window and that are located on opposing sides of the window, to determine values and locations of maximum and minimum pixels of the edge. Responses to the queries that are entered through the user interface together with individual identification information are sent from the remote apparatus to the server system across a communication network. A corresponding apparatus and computer program product are also provided.

1459825948-b3cb0e3d-b77f-45d7-a7bc-fb65bd204e72

A projection lens for use with LCD panels is provided. A noise reduction board is formed on a board different from the rotating electric machine control circuit board. A set of leads is provided on the suspension assembly so as to extend generally orthogonally to the first set of termination pads and in adjacent relationship therewith. The application program includes an atomic instruction that directs the x86-compatible microprocessor to perform the cryptographic operation. The primary voltage regulator provides power to these same certain circuits when the integrated circuit is in an operational mode.

1459825948-e4e863e3-a021-455e-b9f6-fcd1e998b33d

A photoconductive antenna is described that includes a substrate that includes a pair of trenches. The present disclosure includes many variations of such apparatus, such as various column designs, material selection criteria, and end-use considerations. One aspect pertains to techniques for authenticating an electronic device, such as an accessory device.

1459825949-2040b40d-c1cf-48b1-9243-52aa06aa590e

An apparatus includes a semiconductor layer having therein a cavity. Multiplexers between the sections control connecting the sections into longer or shorted paths. An analog-to-digital converter converts the analog voltage from each memory cell into a digital representation of the analog voltage during a read operation of each cell.

1459825949-d3e644cb-4fc6-469e-92e4-16e2e31d6f9d

A four-stroke internal combustion engine is provided that is capable of use in many power tools, including those power tools subjected to tippable applications. Each receptacle contact has a body portion, a pair of arms extending from the body portion, a pair of mating portions formed on free ends of the arms, and a tail portion extending from the body portion. Lastly, for each intermediate OADN, the method calculates TX power change for each added channel in each OADN and sets TX power using obtained TX power value. Then, each CCD datum read from the CCD imaging unit is stored in the memory in the raw datum state without addition of an adjacent datum. In turn, the initiating hardware thread detects a change in the assist thread executing indicator, which signifies that both the first assist hardware thread and the second assist hardware thread terminated. The small diameter portion

is a part of the circumferential surface of the developing roller.

1459825949-d6bcba8b-77d2-4978-aa6c-a2b3a5906cb6

Tissue engineering scaffolds comprising collagen or a collagen-like peptides incorporated within or between polymeric fibers and methods for their production are provided. These polymers are generally of the ethylene, alpha-olefin, diene terpolymer type. A memory is coupled to the processor and configured to store instructions. The station as the destination of CTS transmits data in response to CTS information. The torque detection unit detects torque information of the rotary tubular member. The method involves introducing a gas lance into the hollow body and forming a cavity plasma to form a plasma cloud arranged at the tip of the gas lance by applying an electric radio-frequency field to an RF electrode.

1459825949-f434b98a-e6ac-4f71-9b60-f0fbd727e95f

Methods, systems and apparatus, including computer program products are described for formatting and sending data corresponding to web page events and user interactions with content displayed by on a web page to a web analytics system for storage and reporting. The method comprises the steps of deploying a reverse gate and then opening a throttle of an engine in response to actuation of a brake pedal. Also, it can be used to obtain panoramic photographs using digital cameras. The inserts are disposed in a plurality of circumferentially-spaced seats about a working end of a cutting tool body.

1459825950-0946dd0c-066f-482f-8b58-3b0db575b99d

The semiconductor device includes: a first die configured to include a first input pad and a first output pad; and a second die configured to include a second input pad and a second output pad. To allow a faster dressing of the grinding worm the invention is characterized in that the grinding machine further has a dressing bar which has a dressing edge, wherein the form of the dressing edge corresponds at least partly to the ideal envelope of the grinding worm. One or more resilient spacers can be positioned with the continuous loop reinforcement assembly and can be configured for the receipt of a matrix material. The first and second pyroelectric charge cancellation electrodes are electrically connected to the electrodes on the package which are electrically connected to each other within the package, respectively. The method continues with the processing module determining a plurality of storage locations and performing a dispersed storage write function to store the set of encoded data slices in the plurality of storage locations.

1459825950-195e413f-fcb7-449c-bad6-273973c985b4

A fiber optic probe provides in-vitro measurement for measuring fluid media containing bubbles and particulate matter where disturbances to fluid dynamics must be kept to a minimum. This is possible by using a spring to support the lamp, which will allow to pull down the lamp in order to do the electrical connection. The flexible portion is adapted to enable the torch head to be positioned relative to the handle. The lock cup has a set of radially inwardly pointing teeth for engaging with the locking pawl.

1459825950-566bf26b-c3a7-452b-bb37-8a958648c359

A method for air filtration having a plurality of interlocking filters for use in an HVAC system or in other air filtration systems. A buried layer of a first polarity type is constructed on a semiconductor substrate. The total concentration of module Ag after reflow is less than 1. The DCAC conversion portion converts the DC voltage from the ACDC conversion portion to a high frequency AC voltage to be applied to the fluorescent lamp and lights and dims the lamp in response to the dimming control signal. The second system computes a cross-correlation on the regions of interest using a plurality of transforms to find a coarse alignment transform having a highest correlation. Therefore, the operating speed range can be reduced by switching from one winding to another.

1459825951-032617c7-c336-4241-aa43-b870ba25c2d2

A frequency planning method for use in an IEEE 802. Load balancing across different radios in the same sector of a cell site can be facilitated through detection of the unbalance network load and changes to one or more parameters can be made to rebalance the network load. Next, inverse Fourier transform or least squares operations is performed on the multiplied values to compute channel impulse response. A peel removal knife is located to sever the peel of each wedge from the center outwardly after the transverse chunk cutting blades have cut the flesh. The high-frequency electronic switch effectively suppresses leakage of high-frequency signal at the time of off-state by turning on/off between the signal input terminal and the signal output terminal so as to be able to be isolated substantially high-frequency likewise in accordance with a level of the pulse signal input to the control terminal. A conductive film is conformally deposited and selected regions are anisotropically plasma etched, forming conductive film gate straps overlying a gate electrode in a center section of the CSS nanostructure.

1459825951-35b9468b-ae2a-4026-a748-90f01a16b3e2

A process for producing a silica-based film which comprises irradiating a film comprising at least one siloxane compound with electron beams to thereby convert the film into a film having a dielectric constant of 3 or lower and having silicon carbide bonds represented by  $\text{Si}\text{C}\text{Si}$  is disclosed. The liquid may be remover liquid, intermediate rinse liquid or deionized water. The plasma is a high density plasma and preferably contains argon,  $\text{C}_4\text{F}_8$ , and nitrogen. The GCW sensor receives and converts the polarization-modulated light beam into an amplitude modulated light beam that is directed towards the detection system. In some embodiments, the table is created by an instruction defining the table's structure and specifying a plurality of partitions in which to store duplicate copies of some data and in some embodiments, the table is accessed without referencing the overlapping partitions. The frames are opened via geared hinges until retainer straps are fully extended, this allows display boards to be viewed in an upright position, a strap socket is removed from a strap pivot post, and one frame is rotated approximately 360 degrees via a geared hinge.

1459825951-39cb2ab9-c994-44ee-9a7d-6fb652a8496b

A glass for press molding, containing substantially no lead, consisting substantially of, as represented by mol % based on oxides:  $\text{Bi}_2\text{O}_3$  25 to 70%,  $\text{B}_2\text{O}_3$  +  $\text{SiO}_2$  20 to 75%,  $\text{CeO}_2$  20 to 10%,  $\text{Al}_2\text{O}_3$  20 to 20%,  $\text{Ga}_2\text{O}_3$  20 to 20%,  $\text{Al}_2\text{O}_3$  +  $\text{Ga}_2\text{O}_3$  20 to 30%, and  $\text{ZnO}$  +  $\text{TeO}_2$  +  $\text{BaO}$  +  $\text{W}_2\text{O}_3$  20 to 40%, and having a refractive index of at least 1. The apparatus includes a hardware device control unit, a guest Operating System unit, a virtual machine monitor unit, and a host OS unit. The CPU finding a match for an authorized user deactivates a shift lock which may be built into an automatic shift vehicle or a solenoid or other switch added to a standard shift vehicle.

1459825951-96c3ef41-84c9-49f9-8158-962ac4f057d2

A method and apparatus for handoff to a rescue channel is introduced without the need to send and receive handoff control messages. The method includes receiving data that defines a role for a first group of users, the role including one or more permissions each defining a permitted activity of the first group of users with respect to data of users in a second group of users, and setting the one or more permissions based on the defined role. The dashboard also includes an indoor humidity tab.

1459825952-38501c87-f13d-4f2a-a0e2-9c5376fc543d

The invention relates to a medical pump device comprising a rotary valve having preferably only one rectilinear channel which respectively connects the inlet and the outlet of the pump device, or connects the inlet to a pump chamber, or said pump chamber to the outlet, upon rotation of the rotary element of the valve. The apparatus preferably includes a film dispenser for dispensing a film web, at least

one drive down roller configured to engage the width of the film web, and at least one roping mechanism. The jacket material is made of a plastic laminated film and is deformed by pressure. The laminating station feeds the sheets of material above and below the strips to form the laminate before passing it through the laminating station where the adhesive is first heat activated to bond the component parts of the covering product together, and subsequently cooled to cure the adhesive. One of the cage and the plunger includes a magnet, and the other of the cage and the plunger includes ferrous material magnetically attracted to the magnet to magnetically bias the plunger to the closed position.

1459825952-4b65440f-94c9-4d77-a100-20d68e61b4b0

A method of activating a zeolite membrane comprising a step of placing the membrane in contact with a fluid mixture containing ozone, wherein when the fluid mixture is a gaseous mixture, the fluid mixture has a temperature of at least 423K, and wherein when the fluid mixture is a liquid mixture, the fluid mixture has a temperature of 353K. The target element includes three layers. The managed challenge system is linked to the rewritten application module.

1459825952-65454172-6b7d-4782-8ca3-8204f7da1a05

There are provided a positive electrode active material for an alkaline storage battery, a positive electrode for an alkaline storage battery, and an alkaline storage battery each of which has an excellent output characteristics and also has an excellent self-discharge characteristic and an excellent cycle lifetime characteristic. Typically, the sensors that are used to produce two-component ocean bottom sensor data are hydrophones and geophones. Apparatus and methods are described for transmitting the data portion reliably from the initiating terminal to a Public Safety Answering Point CPSAP), by using the same transport connection as the user data. In response, either a session may be created or reused. The inner cable 41 is operated to effectuate braking, and the projection 24g of the free end 24e interferes with the resilient stopper 33 of the resilient member 30 mounted on the strut 23 and is positioned on the rotating trajectory of the brake lever 24. A passivation film covering a bonding pad provided on a semiconductor chip is provided with two apertures in which bumps are formed.

1459825952-aeaa22f3-fba2-459c-97b2-14fb6fb023b9

The springless electric gate tensioner receptacle and plug connect and axially adjust relative to each other in order to mechanically tension the electrical fence gate wire. The method includes: selecting a frequency transform algorithm to be used for a current block from a plurality of frequency transform algorithms according to a result obtained by transforming frequencies of peripheral blocks adjacent to the current block; and transforming the current block into a frequency domain by using the selected frequency transform algorithm. The method also includes switching to communicating with a second cell. The energy recovery system may be configured to store fluid from the hydraulic actuator under an overrunning load condition, and the stored fluid may be directed through the pump inlet and into the hydraulic actuator. The write-protection control circuit may store start and end block addresses of an unlock region of the non-volatile memory array, and selectively activate a write enable signal according to the relationship between a write address and the start and end block addresses.

1459825953-03c393fa-7f25-4d3e-8ab3-d0981621c775

The startup, retrain, renegotiation quick connect or other processes of handshaking between communication systems involve the exchange of certain modulation, constellation, precoder, prefilter and other communication related information. In the solid-state laser apparatus 1, a main pipe 11 for circulating a coolant through a solid-state laser medium 3 is provided with a heat exchanger 14, whereby the laser medium 3 is prevented from raising its temperature. Instead, the user is, upon entering a silent period, reallocated to a SID communication channel, shared between a number of different users in silent mode. The first and second contacts



are spaced from one another when the plunger is in the first position. The invention allows expanding the sample of responses available to range finding, up to the entire test administration.

1459825953-6eddc4a9-7dd1-4114-933b-45e5ba267bc3

Methods, systems, and products are disclosed in which generating evidence of web services transactions are provided generally by receiving in an ultimate recipient web service from an initial sender a request, the request containing a proof of message origin. A heat sink is positioned adjacent the optoelectronic device and a reflector at least partially surrounds the optoelectronic device. A pathology slide slides into a slot in the protective sheath and is held into place by retainers running on the interior face of the protective sheath. A smart timer may generate select signals to the multiplexer and sample-and hold circuits to prioritize updating of the control signals.

1459825954-32dbb291-02aa-4933-9536-ed874650b847

A pin for a semiconductor device is disclosed. Multi-word information groups are analyzed to determine whether each of the information groups includes control characters. The switch controls the transmission of a sampling timing pulse from the timing pulse generator to the image correction circuit. In another embodiment, the storage controller receives object data from a server and allocates the object data to the plurality of pool volumes. A runway incursion detection system has a display unit, a computer and a software product that enables methodology herein. The first planetary gear mechanism 12, 13 each form a planetary type on the condition that an eccentric member 74 is rotatable, and form a star type on the condition that the eccentric member 74 is unrotatable, thereby switching lifting operation of the diverter 160 and transverse conveying operation of an article by means of belts 170, 170.

1459825954-42a38852-6381-4cfe-ad34-194ac6ee9d73

Optimum usage of time diversity and significantly higher data rates are achieved by utilizing an adaptive Ultra-wideband impulse radio transmission scheme based upon information about the channel state at a particular time instant. The method also includes mixing the two pastes and applying the mixed composition to a dental substrate. The down-regulated genes of the present invention form the basis of nucleic acid vaccines, or provide targets to allow preparation of attenuated mycobacteria for vaccines against mycobacterial infections. If the RFID reader is in an over-heated condition, it can be turned OFF and during this period any requests received on an interface to the RFID reader to perform a read of tag are not processed. Then, an image composed of the pixels in the previous stages, the pixels corresponding to the split images, and the black matrix area can be formed on the screen.

1459825954-510c0d00-3ceb-464b-af66-e96a70fdd8ee

A display device includes a display panel and a lens plate covering the display panel. The actuation element comprises at least one connecting element and a selector. A signal processing circuit processes signals from the antennas. The acoustic transducer is the same piezoelectric element and is supplied with electrical signals from the control unit, which electrical signals are converted by the piezoelectric element into audible acoustic signals in a frequency range of 20 Hz to 20 kHz.

1459825954-8bda5e90-4cde-455d-b7a5-438f4e4ea6b3

An adjustable accessory support assembly for a motorcycle accessory includes a base connectable to a support bracket mounted on a motorcycle and a slider accessory connectable to the motorcycle accessory and coupled to the base. If a first index I is greater than data size S, a second index is generated and output prior to outputting invalid data stored in the memory at the location of the first index. The support systems may be controlled with switches positioned on the fingers upon

which each support system is positioned. Also described are unique implantable materials including coatings of dried, reversible adhesive.

1459825954-c63c2fd0-e35d-464e-849d-116523825dcd

Filter cartridges may have a core element formed of a non-filtering, self-supporting non-woven mass of indefinite length continuous synthetic polymeric core fibers, and at least one annular filtration zone layer formed of a mass of non-woven indefinite length continuous synthetic polymeric filtration fibers. The asymmetric transistors may have gate structures. The rake has a handle and a rake head is attached to the rake handle. For example, a SoC PLL may generate a clock output to a SoC divider that is dedicated to providing a clock to content address memory components. The moving plate and fixed plate both have fluid entry ports that align in an open valve position and are misaligned in a closed valve position.

1459825955-24cc8255-c640-420c-ac4a-e99cfcd7ed6a

A system for controlling access of a mobile terminal to a communication network including a set of terminals, wherein said mobile terminal obtains access to the network as a result of a successful authentication procedure. Each remote CPU generates test patterns having undefined values assigned to pins of the logic circuit that do not participate in fault detection. Each of the data interfaces of the first and second types is configured to be coupled to a corresponding data interface of a host device. The method also involves using the vehicle extent locations to compute a circulatory lane width, and generating display signals for causing the display to display an image representing the roundabout. A pair of wedge-shaped pieces are received in the arcuate gap such that their narrow ends and face in opposite directions to each other. The device further includes an electronic servo-control module of the motor, and a flexible connection for electrically connecting the instrument to the electronic module.

1459825955-4834359b-8095-4c61-8ae5-2b33cd900a6c

Actuator for an inhaler for delivering medicament by inhalation, having a mouthpiece for guiding medicament to the mouth of a user; and a removable protection cap for the mouthpiece. According to an embodiment of the present invention, the paper documents have identification tags physically associated with them. Polymers are loaded into a device and run through the structures. The method further includes generating an electronic postmark including the ancillary data. Wall thickness may also be varied of the length of the segment.

1459825955-7f1b13d9-3403-423c-99dd-4795578a8985

A dielectric filter and a dielectric duplexer, which obviate the need to change the design of a circuit board when the dielectric filter or the dielectric duplexer are to be changed and in which the degree of freedom of design is improved, and a communication apparatus using them are constructed. The turbine rotor assembly includes a hub rotatable about a central axis. The key factors for the bundles are a high specific adhesion for the liquid of interest, a high specific volume of the bundle itself, and alignment of the fibers within the bundle.

1459825955-929567d8-dc88-4390-bb07-9718cc40ca8d

A method for use in reproducing pages from at least one document. In a divided recording method, as division patterns used to allot image data to each recording scan, different division patterns are provided for black image data and for color image data. The mercury-containing precipitate is kept or placed in solution and reacts with one or more additional reagents to form a solid, stable mercury-containing compound. Fluid for applying two of the torque-transmitting mechanisms is carried through a shaft which is connected to a sun gear of the first planetary gear set.

1459825955-aeb7f885-644a-4aa7-b620-3a7c573e8614

The invention relates to a device and a method for electrical discharge machining

of a work piece by means of a working electrode. The device facilitates the operation of switching between an upper decorative stitching and no upper decorative stitching. The surface of the polysilicon film left after the step of removing the exposed portion of the polysilicon film is thermally oxidized to form a gate electrode and an insulating film simultaneously on the surface of the gate electrode.

1459825956-46735aee-2ca0-4598-983f-41007bec1d5d

A linearized oscillation synthesizer includes a phase and frequency detection module, charge pump circuit, low pass filter, voltage control oscillator, and a feedback module. The laser incorporates Nd:YVO4 as the gain medium. The system automatically generates complex content from protocol elements in the database, and can render overlapping sets of protocol elements differently at different locations in the document. A threaded stud is coupled to and extends from the distal end of the arm for coupling to a tree proximate a tree stand such that the surface is accessible to a person perched in the tree stand. In addition, a method for creating electrode shadows cast upon the brain model surface is provided. The first element-forming surface is formed with a plurality of first elements and a plurality of second elements, and each of the first and second elements has one end connected to a respective one of the first intermediate film conductors.

1459825956-834a21b3-3bb0-4cb3-afcf-8fbdaf380b88

A multi-port connector of different standards is electrically connected on a circuit board of an electronic device and includes a base, a High Definition Multimedia connector and a SPDIF connector. The stent can be discharged by moving the stent housing tube body to the proximal side relative to the inner tube body. The attachments are accomplished by rotatably coupled drive shafts.

1459825956-f1767eff-a95c-4f90-9609-7d00a2f188aa

A portable activity monitoring device adapted to couple to a body of a user, the portable activity monitoring device comprising a housing having a physical size and shape that is adapted to couple to the user's body, one or more motion sensors, disposed in the housing, to detect motion, and a user interface, disposed in the housing. The pattern-forming material is a multilayered body comprising a substrate and a photoresist layer thereon which is overlaid with a three-layered composite film for near-field light generation consisting of an intermediate layer of a non-linear optical material such as antimony sandwiched between two dielectric layers. The composite material may contain an amount of metal sufficient to render the composite conductive whereby the composite may be used for one or both electrodes and for mounting the capacitor. According to the length of the nail, the adjustment member can be turned to select one of the loading positions for loading the nail therein. The variable delay circuit is located between the data IO device and at least one port. The fault diagnosis node performs fault diagnosis based on all of the fault reports.

1459825957-277e9264-c55e-4cc3-ab8c-7738db0d3628

An exhaust emission control device includes a plurality of devices for removing particulates accumulated in a particulate filter. Specially, the invention, in a preferred embodiment, relates to loading ash-like materials which require treatment prior to loading onto a truck or vehicle to avoid slurry spillage, overload or airborne particulate during loading or transport. The needle is directed through the flap of tissue until the needle is disposed within a second chamber opposite the septum.

1459825957-4d488e60-8fc0-4d0f-816d-9352b389818b

In a light source apparatus, a reflector has an inner reflective surface complementary to a part of the outer surface of an ellipsoid with a pair of focal points. The snap element has two discrete positions that provide the output element

in one of first and second positions. The woven layer has a first surface and a second surface opposite to each other.

1459825957-5d75096b-7e32-42b3-8d6a-8c082fd074c6

An apparatus and method for block acknowledgements with reduced recipient state information are described. A stationary mold carrier can be fixed to the one component of the machine base. The service may analyze data from the customers based on Benford's law to detect potential anomalous transactions in the data from the customers. The assembly further including one of the following components selected from the group of: a protective cover that detachably connects to the core portion and the road milling machine; or a milling extension segment carrying a second road planing bit assembly wherein the milling extension segment detachably connects to the core portion and the road milling machine.

1459825957-a9e22c1e-e9b9-4220-916f-8dfa8ca9eddb

A paper feed assembly for a printer including a media tray for a stack of sheets of media to be fed, a pick mechanism capable of pivoting including one or more picking devices in contact with said media. The plaintext unit may include a logic device such as a first programmable logic device, e. This elongation accommodates thermal and other stresses between the foregoing substrate and another substrate joined at the free end of the reformable member. computes and transmits to the unit R a plurality of sender's quantities; and3. The third electrode has a bias voltage being two volts higher than a pixel voltage of the sub-electrode. The shape of the disc is also altered to draw nuclear hernias back into the interior of the disc and to produce a disc shape that improves functioning of the disc.

1459825958-005051ba-55c8-4a65-bdf4-a684ebc5a13d

The invention relates to the use of rotigotine, its salts and prodrugs, as a medicament for preventing and/or treating Parkinson's plus syndrome. In one embodiment, the aircraft can be launched from an apparatus that includes an extendable boom. The distributed RAID applications on each of the data banks coordinate among themselves to distribute and control data flow associated with implementing a level of RAID in conjunction with data stored on the associated storage media of the data banks. The device housing is either deep drawn or includes two clam shells that are secured together. Thereby, the present invention can produce positive and negative voltage by means of the inductor.

1459825958-2960f308-768e-4b70-84a8-42c0a47606a6

A lithographic printing plate precursor comprising a support having a hydrophilic surface having provided thereon an image-forming layer containing a hydrophobic high molecular compound having at least either a functional group represented by formula or a functional group represented by formula : . Each side arm has attached thereto a respective engaging member for engaging lateral ribs of a first seed box for lifting the seed box. The differences of each pixel value from the average output intensity within each block is determined. In addition, the transport device is provided with a pressure source which is connected to the pick-up module.

1459825958-92b93777-cb3e-4aad-8168-9dff80c1695e

A system, method, and program for optimizing the data channel availability on a computer device through selectively delaying the closing of an open channel on a computer network having expensive bandwidth, such as a cellular telecommunication network. 0 through an Ethernet TCPIP medium. One end of each bit line is connected to a bit line bias circuit. pneumoniae, and treats the subject.

1459825959-7ec4d931-7d2f-4286-be9a-71519500d64f

Systems, devices and methods are provided to switch between transmit and receive modes in wireless hearing aids. The first frame 50 has a first portion 55 to which the third lens 53 is fitted and a second portion 56 where the second lens element is disposed inside the inner periphery thereof. Buy-a-pay payments are also

provided to buy additional symbol combinations. Meanwhile, dust which has entered the equipment is caused to fall through the through hole, thereby ensuring electrical conductivity well. Different arthropods such as termites, fire ants, carpenter ants, and roaches can be treated with the subject embodiments.

1459825959-b26c78da-3b87-4f08-a0f0-0e00207ac661

An injection-molded plastic part having a first thermoplastic component and a second thermoplastic component. A moisture barrier layer covers a remainder of the piezoelectric layer over the pumping chamber that is not covered by the annular lower portion of the ring electrode. The microelectronic structure is fabricated, in particular, by sputtering platinum in order to form the electrode structure at a sputtering temperature of at least 200 C. With this, a gas-liquid separation distance of the refrigerant increases.

1459825960-e5ae1a48-af10-4d3f-8b1e-64a1f4985f68

A multifunction device includes a plurality of slots capable of accepting the insertion of media. A position-feedback is employed by the ECM to control sinusoidal motion of the washing machine agitator. Next, the user is guided to record a representative voice message for the directory, and simultaneously, user's representative-voice recording data produced from the voice message are stored in the representative-voice file. The rutile TiO<sub>2</sub> is combined with the precipitated calcium carbonate in a ratio of at least 1 part rutile TiO<sub>2</sub> to 6.

1459825961-6fe56d58-420f-4189-b33d-69967487c607

Integrated circuit components are imbedded within a laminate substrate disposed on a thermally conductive core, which provides a thermal sink. , the residence time of solid feed in the reactor ranging from 3-15 h. Such advertisements may be broadcast on the same channel as the television program. The proxy server stores the query and origin data in a cache. After the capacitor in the down converter is charged, the external capacitance and the capacitor in the down converter are coupled in parallel.

1459825962-0aaabe25-c583-416a-9af0-21b6fc0f63a8

A method for a multi-terminal session, and a communication system and related devices thereof are disclosed according to the present invention. Horizontally-spaced union strips are extended across the rails, and sheeted infill material is positioned within the open faces of the union strips, so that the sheeted infill material extends from the first union strip to the second union strip. The server receives data from a smart appliance. Defibrillation waveforms may then be delivered in a cyclical fashion between the individual counter electrodes and the combined counter electrodes such that alternation between single pathways and a dual pathway is achieved. The display system further includes a combining device for combining the selectively reflected portions of the cones of light in the ON direction and projection optics for projecting the combined reflected cones of light.

1459825962-ee22df8c-6635-48ff-a2ad-133df776710d

A safety apparatus comprising a first housing supporting a first spool and a second spool coaxially mounted and independently rotatable. A cable protection and guide device in which a number of link frame bodies are flexibly and sequentially connected to each other such that a connecting pin of a preceding link plate is inserted into a connecting pin hole of the subsequent link plates. A query abstraction layer is also provided and is based on the data repository abstraction layer. A plurality of words in the supported language that match a contents of the input buffer are identified, and a subset of the plurality of words are displayed to the user based on a frequency value associated with each of the plurality of words. The managed application process logically communicates with the application manager process. On use of the specific dye-ascorbic acid derivatives according to the invention, a positive effect on the moisture content of the matrices arises.

1459825963-086d45cf-7c37-4778-9a57-03aba4b429b8

The invention concerns a pigment preparation based on C. The active energy ray-curable resin composition contains at least a radical polymerization compound, a leuco dye, and a radical polymerization initiator. The pre-processing engine is configured to perform accelerated processing on received image data, and the compression engine is configured to compress processed image data received from the pre-processing engine.

1459825963-a03ff199-3eb2-454f-af02-17b602a14d30

A method for the production of press-hardened components, in particular a vehicle body component, from a semifinished product made of unhardened, hot-workable steel sheet. A tool engaging the end of the cannulated dilator provides leverage on the cannulated dilator for rotation as it is forced into the body cavity, a pusher tool provides leverage on the dilator retractor for inserting the dilator retractor into the body cavity. In memory state 0 a magnetic domain is pinned within tapered portion of the element. The radial carcass reinforcement ply is anchored in each bead portion and has at least one terminal end located in the bead portion. The method can include the steps of using stored program instructions to generate power tool related information on at least one display and collecting power tool related data using a programmable microprocessor.

1459825963-bc19bf59-7aaa-4d3e-b727-46f77072c13d

A vehicle rear structure is provided in which, when a seatback is tilted forward and folded, an upper surface of the seatback and a rear floor positioned behind the seat form a flat surface. The module comprises a cutting chuck having a surface with a plurality of cutting recesses defined in it for enabling a cutting device to separate individual electronic packages from a substrate having a plurality of electronic packages on the surface of the chuck. A partial data block transmitted by one emitter, comprising a set of k data symbols and a subset of parity symbols, is received from each receiver. The information transmitted to the PED may then be displayed, processed, stored or forwarded to another location if needed.

1459825964-200608b6-c08a-4ead-80b6-2b84d4f5313f

Methods and apparatus for adaptively adjusting receiver operation during non-continuous reception. The vehicle having a right wheel provided at the right of a main body and a left wheel provided at the left of the main body, includes a right lower arm that connects the main body to the right wheel, a left lower arm that connects the main body to the left wheel, and foot placement sections that are respectively mounted to the right and left lower arms in order to place feet of a driver thereon. Some of the through passages are located at lower areas of the support units to position some of the supporting rails for supporting an appropriate lower shelf.

1459825964-50dec1cb-e75d-41d4-85ec-5ea454d3a6f5

The invention relates to a powder supply system for supplying a processing apparatus with a granular substance. A semiconductor laser device includes a GaAsP active layer, InGaP guide layers, and AlGaInP cladding layers. The facets may be formed in a single ion beam etching step. When a project file has been read which includes track data, identification information of a currently-set external equipment and parameters of the external equipment, the detected external equipment is associated with any one of external equipments which had been set for use at the time of storage of the project file. The second impingement cavities are located adjacent to each other, with one on the leading edge, another on the pressure side, and the third on the suction side.

1459825964-81f6d99b-0df1-4457-9631-ff2a570cf4ec

An erasing method in a nonvolatile memory device is disclosed. The steel pipe has a flange portion which can be cut at the opening end of the steel pipe, and the joint

portion is allowed to touch the flange portion. In the delivery configuration the central section, the first intermediate section, the first end section, the second intermediate section, and the second end section are all cylindrically shaped. The Home Agent allocates a home address to the Mobile Node for the session. The valve seal portion is coated by a thin diamond-like carbon coating having hardness between Hv 50 and Hv 500 in Vickers hardness. In some embodiments the packet start command is inferred from a read command containing a packet identifier or sequence number.

1459825965-174475cb-9484-4199-8ad5-0379d573e3c0

An integrated circuit package system is provided including mounting a first device on a carrier, mounting a second device over the first device and the carrier in an offset face-to-face configuration, and connecting the first device and the second device at an overlap. The overlay mark includes a plurality of coarsely segmented lines that are formed by a plurality of finely segmented bars. The etch stop layer, the insulative capping layer, and the conductive gate layer are patterned and etched to form a first set of conductive gate constructions over the substrate.

1459825965-46bf475b-26d9-44e2-8d54-419c0880f15b

Systems and methods that coordinate assignments of aircraft operating within a controlled airspace to ground radios are provided. An access controller has access control lines, each access control line being connected to each PE of the first and second PEs to control data access timing between each PE and the network. The support pad includes a main body having first and second ribbed portions with the first portion defining a deformable pocket. A unique adapter connects the side feeder to the main extruder which allows repair and/or modification of the side feeder without separating it from the main extruder.

1459825965-597d5547-3516-422e-8531-18312f4e48b0

There has been a problem that the distortion characteristic of a switch circuit for a high frequency is deteriorated. Related systems, apparatus, methods, and/or articles are also described. Also provided are vectors, host cells, and methods for producing bacterial Serpin polynucleotides and/or polypeptides.

1459825965-7566b441-eb9d-43f3-a816-1aefadb64b8c

A software implemented system and method for algorithmic correction of systematic image distortions within fingerprint imaging systems. Each of the at least two layers have differing material properties. The optical apparatus is caused to track the position of the sun by way of a tracking device.

1459825965-7ae7c82a-a20b-4bf9-8a4a-780156d66f04

A three-tiered TLB architecture in a multithreading processor that concurrently executes multiple instruction threads is provided. The method further includes forming a protective layer to fill the cavity. One mount includes a resilient member, upon which cooperating detent members are disposed. A light sensor is utilized to sense the pre-determined pattern defined by the invisible light passing through the pattern layer. The track cross-sections of the outer ball tracks and of the inner ball tracks of each pair of tracks are symmetrical relative to the axes of symmetry which, together with the planes, form identically sized angles opening in opposite directions, and each comprise a common point. A delay locked loop includes a detection circuit to generate a detection signal responsive to an input clock and a control circuit to synchronize the delay locked loop to a fundamental of the input clock responsive to the detection signal.

1459825966-6d3899f2-444e-46d4-b136-41af0df5137c

This invention relates to a process for improving the yield and properties of jet fuel from a kerosene feed. Thus, the present invention provides a plate-shaped member transfer facility capable of carrying the plate-shaped member in between two spaced-apart plate-shaped members between which a storage pitch is short and

carrying any one of a plurality of plate-shaped members out from the rack without inserting an end effect in a substrate storage portion of the rack. Co-solvents and phase transfer catalysts may be employed to facilitate the process.

1459825966-f4255ea2-1c2b-432f-bae2-92aedbd19398

Improved techniques and graphical user interfaces that assist users in searching through a group of media items are disclosed. Typically a two-dimensional plane located in three-dimensional space is used to visualize the universe of interest. The retaining ring cooperates with the connector assembly and a saddle that is positioned atop the spherical connector. The thumbnail images emphasize image region of greater priority to a user in view of a keyword or expanded keyword associated with the search results. The curing composition may be used in curing polyurethanes and epoxy resins. In another embodiment, a speaker mounting system contains a detachable base stand having at least one base attaching feature and a speaker unit defines a plurality of angularly spaced apart receiving features.

1459825967-413b9a25-9025-4373-9d43-a9e2bee17c12

The present disclosure provides a package for a medical device containing a cavity for receiving the medical device, a first closure having a sealed portal therein and a second closure adjacent the first closure. The catalyst includes an inert stabilizing agent for maintaining the catalyst crystal structure. Effects of temperature and load current have also been incorporated into the model. or lower, wherein the low-softening point polyester-based resin has a viscosity at 160° C. A variable signal level adjustment device is connected within the return path.

1459825967-645549ef-ac66-4045-be96-8e7e2432a685

A method for cleaning the glass surface of solar panels which employs the use of highly efficient sequestering agents and allows to replace deionized water with municipal or fresh water of up to a very high water hardness, without having a loss in the long term power output of the solar panels. A multi-core microprocessor is provided that supports the ability of system software to disable, or kill, selected cores in such a way that they do not cause drag on the processor bus shared with the other cores. Thus, a stable clock signal can be obtained.

1459825967-8f403824-e53a-48a2-b9f0-2c908f689a1b

A method and apparatus for correcting for vignetting include associating each pixel in the two-dimensional array with a pair of polar coordinates referenced to a preselected origin pixel and partitioning the two-dimensional array of image pixels into a plurality of sectors. Both are movably secured to a chassis, but the front mechanism moves two front segments positioned within two channels on the chassis and the rear mechanism moves a rear segment with a rear axle pivotally secured to a lower portion of the rear segment. A brakeinertia device may be coupled to the crank system.

1459825967-bb42f332-cadf-4349-aadf-e3ee6a21e6b0

There is provided a method of determining a transmission quality when receiving audio signals which are transmitted over a frequency-modulated path in analog form. The main vessel device and the side branch vessel device are able to be simultaneously delivered to a treatment site. The protocol information for the drug is entered into the peristaltic pump.

1459825967-dd71084b-2e72-4a36-b454-6971c7be2086

Embodiments of the present invention disclose a method, an apparatus and a system for controlling access points. The circuit comprises a main power supply unit with a voltage input, a main switching element and a reactive element. The collet has a protrusion extending the length of the pull section to increase the contact area with the anvil member. Various embodiments of the present invention eliminate or reduce the need to use an output capacitor. A bank of individually adjustable rollers supports the panel during the roughening operation and facilitates



adjustment of the extent of contact or impingement of the brush on the surface of the panel at a plurality of transverse locations across the panel. A contact hole may be formed between the gate patterns by forming and patterning the interlayer insulating layer.

1459825968-85e4e7c9-c3b5-496c-98f1-5dd1a8dfcec5

An illumination system for illuminating an object includes a light source and a lens array system. The battery charger is constructed to include a body, a circuit board, a reel assembly, an outlet lead wire, a rotatable reel, a securing axle, a slide switch, and a two-pinned plug. With this configuration, the cabinet and the antenna element can be installed in a vehicle at once and wiring of the antenna element outside the cabinet can be eliminated. This set of characteristics makes this materials particularly suitable for a vast range of applications in the nanotechnology field, such as, for example, nanocoatings, magnetic nanofluids, nanocatalysts, nanosensors, nanopigments, nanoadditives, ultra light nanocomposites, drug release nanoparticles, nanomarkers, nanometric films, etc. These bid condition data are transmitted to the server through a network, and the server collects participants in a bid on a home page.

1459825968-ace77462-7c6a-40d8-a225-0e16fc2539dd

A decoupling device including a lead frame and at least one capacitor unit assembly is provided. According to one method, a selection of media content copied from an electronic source is received. The receiving communications application notices from the RTP data flow that the other party in a communications session has changed its IP address. The semiconductor device further has a conductive trace between the semiconductor substrate and the metal structure.

1459825968-cac45373-6092-4ac3-8bbb-a55a011c8c23

A emergency capsized boat seating apparatus includes a boat that has a hull with a bottom side. The invention also related to compositions which comprise these compounds, and methods of using them to treat cancer in mammals. The light emitting diodes are arranged in spaced-apart groupings. A second beam splitter is provided connected to the waveguides after the polarization converter. The apparatus also includes a translation look-aside buffer.

1459825968-e34d9130-03f0-4b44-9516-00a0752f721a

A computer-implemented method of performing runtime analysis on and control of a multithreaded computer program. The network server may maintain a personal network directory for a telecommunications subscriber of called and calling party telephone numbers tofrom the subscriber and identification of applications software which may be periodically updated. A composition comprising a metal component, boron, and an organic component. A superconducting magnet includes the superconducting coil, a persistent current switch connected to the superconducting coil, and a quench detector configured to detect quench occurring in the superconducting coil. The protective tape is attached to upper sides and lower sides of both edges of the PC alloy portion. The user's thumb and forefinger are aimed at the V-shaped sidewall openings to grasp a midsection of a supported surgical sharps.

1459825969-2067bd9f-64fa-4346-a2b4-f48130742322

The present invention is directed to a process for the preparation of polysaccharide grafted latex particles wherein the polysaccharide has \u03b2-1,4 linkages, wherein the process comprises coreshell emulsion polymerisation. A call can be initiated from a wide-band telecommunications device to another telecommunications device through a gateway associated with one or more telecommunications networks, such as, for example, a WAN, LAN andor PSTN. A detected value is compared with a predetermined threshold value used to identify the area of interest, and a detection corrective value is calculated based on detected values from the region including the area of interest and detected values from the area of interest. The method further comprises selecting one or more rules

based on the sentiment of the post, and taking one or more actions in response to the rule. The set/reset circuit is coupled to the second node and the third node, and arranged to receiving a set signal and a reset signal, and selectively determining a voltage level of the third signal at the third node.

1459825969-458b12e8-a8cd-47c8-a8c5-bcc175a0cff5

Systems and methods for event simulation with energy analysis. The sensor may be a touch sensor. The method includes the steps of selecting a block for a user's particular operation, optionally, selecting a sleeve based on the selected block, and selecting a cutting tool based on the selected sleeve.

1459825969-57fd20d6-049c-47fd-94dd-44d02ca7a6c4

An apparatus and method of operating a liquid drop emitter, such as an ink jet device, for emitting liquid drops of different volumes. The walls, the bottom support and the cover cooperatively define a space for accommodating items to be packed therein. A gain of the feed-forward unit is dependent on the position of the movable object. In another aspect, a peel strength enhancement coating is disposed between a copper foil laminate and a dielectric substrate. The controller combines pixel values from rows in the first image with rows in the second image that are separated by the predetermined number of rows. The invention further relates to an apparatus for preparing these diamines and the use of the apparatuses.

1459825969-c1231588-f506-49f9-a0d5-2d58c52b7f14

A combustion heating device for heating a fluid to be heated includes a fuel supply device that supplies the fuel to the device, and a vaporizing device that burns a portion of the fuel supplied by the fuel supply device, and vaporizes a remaining portion of the fuel by using heat generated through combustion of the portion of the fuel. One or more electrodes are coupled to the mechanical support, so as to contact tissue of the patient when the mechanical support is implanted in the patient. Position of the airplane is determined, such as by inputting aircraft position from a global positioning system. A second syntax element is calculated from the image data by a second syntax element calculating unit that reads out the image data stored in the storage unit.

1459825970-061a22be-3c76-4309-b8cf-631e1f1c7330

The present invention relates to methods and compositions for removing hydrophobic soils from textiles. The base plate is surrounded by a hollow frangible hull, which in turn is supported by another base plate, which also supports from below a distal end portion of the depending non-projectile thermal actuator. The circuit includes a first inverter, a second inverter, and a current source. If the acknowledgement message is not received, the judgment unit determines that the data receiving apparatus is connected to the data transmitting apparatus through a second network and subsequent content data transmitted is limited in usage right.

1459825970-61447fee-7398-4f60-b18e-eea035a1acab

A roll-over protective structure for a frame structure of a cab assembly including an outer tube and an inner tube disposed within the outer tube at a pre-determined location to define a composite tube. The sipper spout extends upwardly from the top member and has a curved sipper surface that truncates to form a substantially flat landing surface. In addition, waste carpet may optionally be used with the recovered polyvinyl butyral as a filler material; thus, further reducing the amount of waste that is landfilled or incinerated. The compact display unit presents to a vehicle operator a range of pre-selected permissive communications between the vehicle and a remote server by a vehicle operator during operation of the vehicle.

1459825970-83e2fc58-d68a-49d4-b933-e752778a6965

A videoconferencing system which encodes different streams of information. To achieve this object, the aging process takes place while gas generated inside the panel is evacuated. The use of a twisted-pair wire as a heater minimizes the effect

of induced magnetic field. The coupler is for receiving and splitting the RF signal and delivering a first RF signal via the first output terminal thereof. Each piece comprises a border that is connected to the border of the other piece in the connection region.

1459825971-17579d3e-a190-44a5-827e-6518e86106ca

A method and apparatus for communication in a system employing differing transmission protocols. In the method, at least one reference data unit for prediction of a DC coefficient of a current data unit is selected from at least one previous data unit that is scanned according to region of interest-oriented scanning and then transformed before the current data unit. In order to provide the shell with the same mechanical stability, despite the reduction in wall thickness, as shells whose wall thickness is not reduced, the wound body of the shell is produced from chemical fibers, preferably from synthetic and inorganic chemical fibers. In response to change of the mobile device to an access network of the network entity, a control message comprising the authentication code is transmitted from a mobile device to a first network entity, for verifying the authentication code by the first network entity or by a second network entity of a previous access system.

1459825971-4e3e3eac-7c03-476b-98fe-24075b00cece

The application relates to new substituted xanthines of general formula wherein R1 and R2 are defined as in claims 1 to 11, the tautomers, the enantiomers, the diastereomers, the mixtures thereof and the salts thereof, which have valuable pharmacological properties, particularly an inhibiting effect on the activity of the enzyme dipeptidylpeptidase-IV. ; A is a single bond, alkylene, etc. The upper wall can be compressed while not containing water and extensible for containing water. The VCO comprises a voltage-current converter and a ring oscillator. The nozzle member is provided in a recording head of an ink-jet recording apparatus and ejects ink toward a recording medium. Virtual requests may be included in various protocols, including credential-based protocols and certificate exchange-based protocols.

1459825971-5755ba8a-fb9b-4a24-8ed9-caa06b87845f

Systems and methods for improved digital RF transport in a DAS are provided. The shape memory alloy can be produced by a first heat treatment step comprising heating at 1200 to 1350°C. A host computer system includes an ESL data file comprising a data image of the ESL's registers. A lost circulation material conveying portion can be in material receiving communication with the material metering portion at a first end portion and in material expelling communication with the drilling well mud pit at a second end portion. Push-button calibration is achieved by storing the reference value resulting from the force produced by gravity acting on a standard mass. The objects generally include an elastomeric layer formed from an aromatic polyurethane and a foam layer which is subsequently applied to the elastomer.

1459825971-812838a0-67cc-4e42-af40-b1079139cd4e

A safety syringe employs a mechanical logic arrangement to control the movement of a spring-biased protective shield that covers the needle except during an injection, and which limits the number of injection cycles. An ancillary benefit of the invention is improved process-ability of the grid array package by improving the mechanical containment of the solder during the reflow process and improved electrical isolation between the individual solder attachment points. The signal generator generates a periodic signal. The conductivity-enhancing agent is capable of eluting from the delivery element when the delivery element is contacted with bodily tissue or fluid and increases conductivity of the tissue, making tissue ablation more efficient. A hermetic terminal is provided to allow the fiber optic element or bundle to communicate with the body interior.

1459825971-accedd47-f984-4bb5-960b-e44511eb0a9d

A pipe end-sealing tool includes a body. Systems comprising and methods of using said apparatus to suppress vortex induced vibrations. The position of the knife holder assemblies is programmably controlled for efficient and accurate positioning and adjustment of the knives along the rotating shafts for a variety of slitting configurations. The upper silicon layer including at least one component of the active electronic device and at least one component of the optical device.

1459825972-17f7bb2f-670c-41eb-9428-94b0539d5caa

A method of reducing or inhibiting kinase activity of C-KIT in a cell or a subject, and the use of such compounds for preventing or treating in a subject a cell proliferative disorder and/or disorders related to C-KIT using a compound of the present invention: or a solvate, hydrate, tautomer or pharmaceutically acceptable salt thereof. The restore program may create a client environment to which a backed up client may be restored, which may include one or more client volumes. Molecules to be separated are placed in the focusing section and move to an equilibrium position under the influence of an electric field.

1459825972-192059fd-f73f-46de-9509-cda23565c9ab

A dial plate includes a substrate having a curve with an opening formed at the center; and an indicating member attached onto the curve of the substrate. The ONU receives downstream signals from a first plurality of OLTs through a designated port of an arrayed waveguide. The anchor device is then disengaged from the shovel position and then locked into an anchor position and then inserted into the hole and then covered with beach sand to secure the post portion of the anchor device in a vertical position with a portion of the post exposed above the surface of the sand.

1459825972-a0c71a8b-37c0-4279-80cb-9b120a77860c

A bipolar transistor device with a large current capacity is formed by connecting a plurality of transistor elements to each other in parallel, each transistor element having a collector layer, a base layer, and an emitter layer formed respectively in a semiconductor substrate. The secondary source can include combusting conventional secondary fuels. The spintronic element may be used as a spin injection device by injecting charge carriers from the magnetic material into the MgO tunnel barrier and then into the semiconductor. A user can hold the sleeve when the mop is wrung by a dehydration device. The regulating member regulates the amount of developer carried on the developer carrier.

1459825973-62746059-e3b5-4d08-bcb6-86fdea91e28f

A method for crediting a customer account maintained by a vendor of services in response to payment received from a customer is disclosed herein. A data structure is provided that identifies one or more server-side entry points for use by a client computer upon which diagnostics on-demand are to be performed. The inverting input terminal of each operational amplifier is connected to the corresponding sensing electrode in the sensing element.

1459825973-6fb9adb4-1939-40ba-b1a3-ee1e8c768849

A container for a substance, such as an ant trap container for ant bait is comprised of a minimum number of component parts that are each formed in a cost effective manner to produce an inexpensive container. In certain example embodiments, an interlayer of or including a metal oxide such as tin oxide is provided under an infrared reflecting layer so as to be located between respective layers comprising silicon nitride and zinc oxide. , rice, wheat, barley, oats, rye, sorghum, cornmaize, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards and IVM, but also additionally in ALS and ACC'ase tolerant crops. The portion to be positioned is positioned to a main assembly side positioning portion by the portion to be urged when the process cartridge is set in the main assembly. In certain embodiments where the antiarrhythmic is azimilide it may be administered

orally in a dose of about 25 mg to about 300 mg. The apparatus comprises an electric source capable of generating an electric field across a region of tissue and means for altering the permittivity of the tissue relative to the electric field, whereby a displacement current is generated.

1459825973-b5257c20-0ad7-4500-811e-da7f58f4c543

The claimed subject matter provides a system and/or a method that facilitates creating a composite application. In one embodiment, a single masking step is utilized to form mask openings over a substrate, and both impurities are provided and material of the substrate is etched through the openings. The system permits inter-networking of HAN devices and integration of data management within home automation networks while still providing access to HAN data via external remote networks such as the Internet. A gate-side boundary of the first doped region underlies part of the gate electrode. A feedback line from the bus terminator permits monitoring the logic level on the signal line by the software controller.

1459825974-078ca700-9c71-402b-ba62-92fcd1b5c2d7

A cutter mechanism has a fixed blade and slidable blade which cooperates with the fixed blade to cut a recording sheet. The methods are particularly suitable for amplifying a plurality of RNA species in a sample. The extending direction of the contact surface is inclined relative to the axial direction of the commutator, and the contact surface is V-shaped when viewed in the extending direction thereof.

1459825974-2ea03b51-d5bc-40b7-9b6a-42c3c7a40f0d

A system and method is provided for facilitating robust reception of multiple frame protocol messages. The invention relates to the seeds of soybean cultivar 5420128, to the plants of soybean 5420128, to plant parts of soybean cultivar 5420128 and to methods for producing a soybean plant produced by crossing soybean cultivar 5420128 with itself or with another soybean variety. The integrated analysis can be performed within one or more modules that are fluidically connected to each other. The system also includes programming logic configured to determine if the user of the application is authorized to access the first resource. The fixture is mounted to the positioning mechanism and is moveable relative to the attachment portion. Accordingly, it is possible to make a spring characteristic for working when supporting a load of a human different from a spring characteristic for working when removing vibration even with an extremely simple structure.

1459825974-b0886973-3e44-435b-993e-7916592c8f6b

A solid state illumination system is provided as a replacement for conventional arc light, metal halide and Xenon white-light sources for applications in life sciences including, microscopy, fluorescence microscopy, and endoscopy. The components of the apparatus include a saddle for holding a recording medium such as a disc, a conveyor that travels the saddle through a tunnel in which multiple UV lamps are positioned to direct UV light on the recording media travelling through the tunnel. The applied voltage etches metal ions off one electrode and deposits the metal ions onto the second electrode. If the endpoint responds, a list of monitored endpoints is updated with a new timestamp indicating the time when the response was received.

1459825975-0dce4f02-1f40-4ebf-8249-2ea8edbfc8b1

The invention provides, in some aspects, systems for interaction with a control environment that includes controlled equipment along with control devices that monitor and control that controlled equipment. The antenna comprises a meander line radiator, a tapered line radiator, a straight line radiator, and a dielectric layer. It is determined if the quality metric for the second reader is above a threshold.

1459825975-310a5d2f-0b53-42ba-8e6b-ce75958cf046

A method for manufacturing a plurality of hybrid electronic circuits for active implantable medical devices and circuits made by the process. According to an

embodiment of the present invention, an image to be a document is read and is subjected to image processing, and thereby digital data is acquired. The method comprises applying to a set gypsum material at least two of the following inorganic phosphates: at least one monobasic phosphate salt, at least one trimetaphosphate salt, and at least one acyclic polyphosphate salt having at least three phosphate units. The units are wet or immersed in the liquid, so that the units may be expanded into a wet towel. By virtue of this action, even though a fluctuation in current density of a current flowing through the interconnector and an area in the vicinity thereof occurs for some reasons, the fluctuation can be suppressed. The second MUX is coupled to the fourth MUX.

1459825975-98373e23-44b7-491b-b500-accebafeb3ac

A system may include a first connector housing, a magnetic data storage device mechanically coupled to the first connector housing, a second connector housing configured to be mechanically engaged with the first connector housing, and a permanent magnet mechanically coupled to the second cavity. The opposite side of the exchanger is held directly by the case. The precoding is performed independently on an antenna basis. To increase the depth of these doped regions, individual recesses may be formed in the surface of the drift layer where the elements of the junction barrier array are to be formed. configured as a brake pedal module, braking of the vehicle can be achieved by means of the service brake system by way of the second brake operating device. Thus, when a clockwise or counterclockwise rotational impact is applied to the hard disk drive, the actuator latch restricts rotation of the actuator so that the actuator cannot escape from the parking zone and the hard disk drive can be protected from being damaged.

1459825975-fe3ee3fc-0fd1-451d-baab-69aca42dd878

An information processing apparatus includes an obtaining unit, a specifying unit, a calculating unit, and an evaluating unit. The system, method, and computer program product are optionally further extended to harmonize synchronization of data retrieved by other methods with data updated using AJAX. The coated substrates are useful in polymers, catalysis, heating and shielding applications. The threshold voltage of the first and second pass gate transistors is such that a subthreshold current is provided to the first and second pull-down transistors when the memory cell is not being accessed such that the conduction terminal of the pull-down transistor that is turned off is maintained at a voltage level corresponding to a logic high voltage. 5 to 3 mol % of the monomer and the molar ratio between the monomer and the monomer is within a range from 4 to 20.

1459825976-215918f6-d567-489b-847b-797347fd28b0

A lead-acid battery having a reliable exhaust structure suppressing unexpected leakage of acid mist and gas to outside the battery. In one embodiment, the laminate includes: a liquid-impermeable first layer having a first surface, a second layer having an interior surface adjacent the first surface and an exterior surface, at least a portion of the interior surface is joined to the first surface by an adhesive applied to the exterior surface, and the adhesive having a first bond peel strength of about 1 gmm or greater. A gap is provided between the two block pieces that are adjacent to each other to serve as a circulation space for circulating a medium. A first conductive layer is deposited over the first and second conductive lines the said trench.

1459825976-2922738c-6017-49eb-83aa-2407d3b49cb6

A microscope, which moves an objective lens along an observation optical axis with respect to a specimen, includes an imaging unit and a supporting unit. The electrode sheet is molded from granules which are produced from ingredients including an electrochemically active material, an electrically conductive filler and a binder. The external persistent memory storage device is connected to the computer system hosting the persistent memory storage device to be examined, for example, by way of a USB or Ethernet port. A movable member is disposed so as to be

movable in the conduit direction by sliding in contact with the inner wall surface of the communicating pipe.

1459825976-aae5569d-1920-47b6-b7dc-007dde1823f1

A masking layer is formed on a dielectric region of an electronic device so that, during subsequent formation of a capping layer on electrically conductive regions of the electronic device that are separated by the dielectric region, the masking layer inhibits formation of capping layer material on or in the dielectric region. A local area network interface 150 may receive a transmission control protocol data transmission from a source local area network device. Both control lines are interconnected with the signal line through asymmetric-switch nanoscale junctions of like polarities.

1459825976-bc938cfd-a31c-4e78-a87e-78d34426c44a

A therapeutic, fitness, and sports enhancement device comprising a cylindrically shaped body having a predetermined density and predetermined diameter including a plurality of projections of a predetermined shape. The bank has a hollow body having openings in its upper surface and notched, removable plugs that fit in the openings to help define elongated slots through which coins or paper money can be inserted into the bank. The power source control circuit selects one of the first functional circuit and the second functional circuit and judges whether power source is short-circuited or not. Also, the set-top box presents media content provided by the application according to the mapped activity. The charging controller is configured to cease or reduce transmission of the charging energy during a charging energy conservation period that is at least a portion of the predicted charging energy rejection period. The free-space navigation sensor is coupled to a second side of the circuit board.

1459825976-c7ea7b9e-d012-4fa5-a2ea-8d04fd375a6d

An actuating apparatus which may be arranged to provide an actuating rotation or force on demand. When a communication device requests IP connectivity to another communication device, either the local or remote communication device's associated service node or their agents, formulates an appropriate direct IP pathway to traverse any pertinent NATs and instructs the applicable communication devices to self-configure to establish the pathway. The composition may also include a compatibilizer or homogenizer, such as chlorinated polyethylene.

1459825977-47b21513-9544-4e16-bf64-5e064f10ab5b

A high spatial resolution X-ray computed tomography system is provided. The target is monolithic or bonded and contains at least 99. The court rule database includes formulas written in a Date Calculation Scripting Language for calculating the court dates. The test architecture enables each of the plural wrappers in the IC, including wrappers in cores embedded within other cores, with separate enable signals.

1459825977-62769294-7d56-4486-8f61-20097adb66db

Embodiments of the invention relate to virtual link aggregation. The support unit includes an outer tube having at least one locking hole. The magnetron has a size only somewhat less than that of the target and is scanned in the two perpendicular directions of the target with a scan length of, for example, about 100 mm for a 2 m target corresponding to at least the separation of the gap between parallel portions of the loop.

1459825977-7418dfcb-e197-4c45-aa61-8eb91a2889eb

Methods, systems and apparatus for vehicle and communication monitoring. An image of a scene of a geospatial region comprising an object is received as input. 1 gcm\u22123 or have a mass median aerodynamic diameter of not more than 10 \u03bcm or are in the form of flakes having a thickness of not more than 100 \u03bcm.

1459825977-e5c4d2ba-2663-4913-b050-33538ed77588

A system includes a processor device. The solvent system comprises methyl alcohol and monochlorobenzene in a weight ratio of about 6:1 to about 1. Such systems and methods dynamically bring together modules or elements to create a gaming environment in conjunction with a game of skill in the context of a networked gaming environment, such as a communication network within a casino, or a wide area network, such as the Internet. In response to the opt-in indication, and a recommendation generated by the pricing optimizer based at least in part on an analysis of the client's resource usage and the pricing of instances reserved for the client, the resource manager includes a particular resource instance currently reserved for the client in a listing of instances available for reservation by other clients.

1459825978-486848f7-f8bb-49bf-a54f-1c5fd7952bf6

A power adapter including a power reducer for no-load or light load applications and method of operating the same. According to one aspect of the present invention, a macroblock may be partitioned into two, or more, sets of blocks. A plurality of spacer rings are supported between the forward casing flange and the liner closeout segments such that one of the spacer rings and the liner closeout segments present a flat face for direct attachment to an aft flange component of a gas turbine exhaust frame.

1459825978-5efad58f-52c4-4bf4-9a6b-1a72d6d94d06

A drying device for a washing machine includes a rotatable drum configured to house laundry items; a tub having the drum therein; a driving unit on the tub and connected to the drum, configured to drive the drum; a drying unit configured to store liquid water and circulate air in the drum to remove moisture from the laundry; and a control unit configured to control operations of the drying unit. 120 inch from the front end of the tip, and a concave waist having a radius of curvature greater than about 0. An operational amplifier is formed, that has the potential of the connection node between the current detection transistor and the current detection resistor applied to its inverse input terminal and a feedback loop, so as to make a pair of input terminals of the operational amplifier be at the same potential. The output of the control circuit is connected to the bases of the differential pair of the variable gain amplifier, whereupon the ratio of the output current to the input current of the pair becomes dependent on the control voltage. The method and apparatus are further capable of determining a proximity of the first and the second locations when there is text that is different in the first and second corresponding screens at the first location, and generating a colorblindness accessibility indicator based on whether text that is different was detected and or the determined proximity.

1459825978-b15be7e2-a84d-45d9-9fd8-40f7d06d0703

A method is disclosed for performing a handoff in a telecommunication system. Also, a mask layer is formed on a substrate, then an AlN layer is formed to cover it, and then the AlN layer is lifted off by using a solution for etching. Phase information is extracted from the inphase and quadrature data. The connecting device is covered with the leakage proof element and has a head holder, a connecting tube, two pivotal pins, two buckling elements and two springs. The pattern has an attenuation which is different than the attenuation of the remaining portions of the optical compensation plate. Another embodiment is a system configured to perform an embodiment of the method.

1459825979-00f77d70-676e-4931-8fdc-33c91f8edbf9

The present invention relates to an arrangement for adjusting a number of settings in an x-ray imaging apparatus for recurrent mammography examinations, said apparatus comprising at least one x-ray source, a collimator arrangement and compression pedals for positioning and compressing the breast of a patient to be examined. In one example, vacuum is supplied to a vacuum reservoir via an ejector



during a first condition, and vacuum is supplied to the vacuum reservoir via an engine intake manifold during a second condition. The identifier code of the medium to be used to purchase a value stamp is received from the user. Thus, the light beam is blocked by internal defects when transmitting within the substrate to generate bright spots to be detected by the image capturing module for locating the defect position. A current application circuit is coupled to the voltage-current dependent circuit and is configured to apply a current that limits or even altogether stops an applied overvoltage condition from reaching a load circuit. The device further includes a correlator configured to correlate the data stream with a reference data sequence to obtain a correlation result, and a position determiner configured to determine the position of the satellite receiver by means of the correlation result.

1459825979-045ecc91-635f-4ad7-8d80-c3536a4dfa3f

A co-fired hermetically sealed feedthrough is attachable to an active implantable medical device. The power-supplying unit supplies voltage and current to the transferring unit to transfer a toner onto a recording medium. The first lip and the second lip at least partly cover a portion of the cover body where the fastener is to be positioned. Input portions of the first and second signal electrodes are arranged at a same side edge of the substrate. The compounds of this invention possess both  $\alpha$ -adrenergic receptor agonist and muscarinic receptor antagonist activity and therefore, such compounds are useful for treating pulmonary disorders, such as chronic obstructive pulmonary disease and asthma.

1459825979-dc64c343-428f-423f-b1e7-7a5b7634af5b

A technique for detecting and correcting errors in a memory device, in accordance with one embodiment of the present invention, includes a data storage area arranged in a plurality of blocks, wherein each block contains a plurality of words. Testing is effected by portable field equipment or by a built-in test equipment facility with the flowmeter transmitter. The communication device includes a processor configured to receive information from the tethered device during a first tethered connection and to determine, in response, a parameter associated with a synchronization period during which the tethered device may use the network connection to synchronize data between the tethered device and the another computing device. Each column in the detector array corresponds to a wavelength in the 4. The ribs having a thickness defined as measured from said leading edge toward said trailing edge. Since the resistances for the fixed temperature difference control change over time essentially at the same rate, a resulting output error is very small.

1459825980-0370e492-e4aa-4d7b-83d4-576e5cadd131

Novel *Bacillus thuringiensis* genes encoding toxins which are active against lepidopteran insects have been cloned from novel lepidopteran-active B. The invention also provides pharmaceutical compositions comprising such compounds, methods of using such compounds to treat diseases associated with  $\alpha$ -adrenergic receptor activity, and processes and intermediates useful for preparing such compounds. A valve assembly is configured to selectively supply hydraulic pressure to the passageway solely from the first pump, solely from the second pump, and from both the first and second pumps.

1459825980-73827528-7223-414b-872b-06be9cb2fdcc

A framed covering for an architectural opening includes a collapsible shade that is moveable between open and closed positions relative to the architectural opening with the collapsible shade being mounted within an enclosed framework that is adapted to be secured to a structural member having the architectural opening therein. The internet radio includes controls suitable for manipulation by human digits, a communications unit used to provide the radio a communications link to the internet, an audio unit, and a processor. The current invention marries such output modulation techniques with a control method which is derived through

intelligent monitoring of the input voltage waveform. Sending sources that are permitted to print can also be registered in memory. A relief image is formed by imaging the imageable material to form an imaged mask material, exposing a relief-forming material with curing radiation through the imaged mask material to form exposed regions and non-exposed regions, and developing the imaged relief-forming material to form a relief image by removing its non-exposed regions. The number of priority levels for the high priority requests may be two or more, and in one illustrated embodiment is equal to three.

1459825980-7a926992-b612-4176-9044-56a7f75ffd15

A new and distinct cultivar of geranium plant named Fisrosalm, particularly characterized by the combined features of rose red, round, cup-shaped, semi-double flowers, medium green foliage with distinct zonation, vigorous growth, tall and wide plant habit, and mid spring flowering response. Each of the terminals has a noise filter function, and is fixed to the shield case. The disclosed level shifter is configured such that the size of the preceding logic gate and circuitry within the level shifter can be reduced, facilitating its layout in pitch-limited areas. The data may include data tags or a step of adding data tags to the data to assist in data interchange may be performed.

1459825980-90272e03-4215-426b-947b-589cfe05ab75

Apparatus for recovering timing of data input to a receiver, the apparatus consisting of an interpolator which receives the input data and generates interpolated-data in response to an interpolation coefficient, and a feed-forward equalizer having at least three taps. The light-generating unit has a light-emitting element for generating light beams and a brightness control element for adjusting the luminous flux of the light beam. Users can register for categories that interest them, from an available set of categories. Electrically modulating a lateral PN diode causes a phase shift in an optical wave propagating through the waveguide.

1459825980-df9325a3-3a2b-4e00-ae63-92fa8d981958

A state machine provides a power reducing capability by turning off a clock signal to a memory which stores the state of the state machine. The liquid drawn out from the liquid container is fed back into the liquid supply tank. One or more additional content items are received over the network. The optical fibers are not bonded to the front portion of the chip. This is accomplished in a cavity design that is relatively compact and economical.

1459825981-2171bc06-62f7-4a80-9594-c2ec97776b2f

A method and apparatus for staggercasting includes encoding a first signal representing content having a time duration and a second signal also representing that content. The positioning device and a tube are located on two ends of the slide member. The method further includes transferring a synchronization call to synchronize animations for the multiple views of the display.

1459825981-3cabf447-dc4a-4c6d-ad4c-d9c13500f59d

The invention provides a method of determining a susceptibility of a subject for development of ADHD. The light source section projects light onto an object for 3D imaging purposes. In a preferred embodiment, the set of crystallographic solutions may be a rank of crystallographic solutions which may represent the most probable crystallographic orientations. The state information can be stored as non-persistent data within the voice browser.

1459825981-84e91be7-8b46-4541-9935-ba541d400dbe

A capacitively-coupled plasma processing system having a plasma processing chamber for processing a substrate is provided. The chamber is sized and configured for receiving a fluid such as water, storing the water in use, and adding to the weight of the overall device. In doing so, the transmitted signal strength of the wireless

coverage area may increase, which in turn may increase the likelihood that the WCDs can acquire and use the wireless coverage area. The first open end of the second damper housing half is joined to the first open end of the first damper housing half to form an assembled damper housing.

1459825981-e6cdfef4-de90-49b0-bab8-0f89818d1530

A fabricating method of an electron-emitting device is provided. Furthermore, a gas discharge panel having a structure in which discharge mainly occurs at locations distanced from parts of the panel connected using the bonding agent Bd is realized. The network configuration further includes a link layer gateway computer coupled to both the first network medium and the second network medium.

1459825982-13b47a2d-8ba3-4220-a672-de7893a6c815

An electrical connector including a frame, electrical contacts, and a system for retaining and ejecting an electronic module. The flowable devices are adapted to move with a fluid flowing in the wellbore. Each of the lower labels includes corresponding visible indicia that are different than the visible indicia of the upper label and of the other lower labels. In another aspect, the assembly includes a connection adapted to manually, without tools, connect the light source to electrical power, the connection can be configured to have no electrically conducting surfaces directly exposed or accessible to human fingers and can be configured to be positioned relatively away from the light source. During deposition of the film, which may be accomplished by CVD, PECVD, rapid thermal processing or the like, the substrate temperature is controlled to establish a temperature profile particularly suited to the extreme temperature sensitivities of the deposition rates of organosilicate films such as those deposited from TEOS as a source material.

1459825982-3061d620-9591-442a-9fd3-906cab88a88e

An application server receives an HTTP request for execution of an instant messaging application operation for a sending party. An arc shaped magnetic body is disposed on a base of a spindle motor opposite a drive magnet and in the same direction as the opposing face, thereby generating an attractive force on the outer periphery side of the rotor. A second, workstation engaging member allows the user to move the keyboard back and forth with respect to a workstation. The computer system then communicates an acknowledgment to the VM indicating that the write request has been successfully processed. Based upon this generalized eventpoint architecture, new capabilities are enabled. For example, cannulae that can be connected to the circulatory system of a mammal and can be used in conjunction with a blood pump are provided.

1459825982-3ac5f856-71af-47b7-b76c-37ff47c02a18

Underground water valves having square operating nuts, such as but not limited to critical water valves which control different pressure zones or different demand areas, are secured by a shielding cap, each of which have a recess that receives a valve operating nut and a cylindrical projection which frustrates attempts to rotate the operating nut. The high-order, Nyquist-stable control system having NDC hereof is absolutely stable and will provide a 20%-40% improvement in performance over existing roll reduction designs when lower performance steering mechanisms are employed, and is superior to linear controllers. Browsing activity of the visitor across the Web pages is monitored with the client program. The windfarm system also includes a monitoring system for monitoring the windfarm system electrical output and thermal condition, and outputs of the individual wind turbine generators. The mark size and other attributes of the mark in the image are controlled in a manner that enables a view to easily recognize an old mark from a new one, thereby providing an intuitive recognition of the obstacle movement in a certain direction in the captured image, when the mark is superposed in the captured image for multiple times based on the accumulated detection data in the storage unit. The system comprises a monitor and a processor coupled to the monitor and configured to

generate a vertical situation display on the monitor.

1459825984-10e4409a-9cbf-4258-ac54-8f00f152abab

A spindle motor of a disk drive includes a stator with windings and a rotor configured to rotate a disk of the disk drive. A fixed end of the stalk is attached to a rigid support secured in the system to be measured with the broad face of the target disposed transverse to the fluid flow. A fabric canopy covers the frame and is tucked into and secured within the staple slots.

1459825984-40775c8f-fac6-4721-8100-4716471b68f4

A sound-proof wall made of FRP in the form of a sound-proof wall panel that includes a core and skin members made of FRP positioned on both sides of the core and whose weight per nit area is within the range of 10-60 kgm<sup>2</sup>; and a method of producing the same. The nanosized powders can be used to make structural parts having enhanced mechanical properties, magnetic parts having enhanced magnetic saturation, catalyst materials having enhanced catalytic activity, thick film circuit elements having enhanced resolution, and screen printed images such as magnetic bar codes having enhanced magnetic properties. In the signal processor DSP, the sum signal  $\sum S_1$  and the difference signal  $\sum S_2$  are formed from the two sensor signals  $S_1$  and  $S_2$ . The ISR calculates and stores the period of each pulse and the period of the previous pulse and calculates the rotational speed and instantaneous acceleration or deceleration of the engine at all times. The second display is a dual-view display simultaneously generating a third image along with the second image, with the second image viewable by the second pilot, but not the first pilot, the third image viewable by the first pilot, but not the second pilot, and the third image containing a subset of information from the second set of flight information.

1459825985-0cdf1b24-0692-4271-bb63-5928cf57778a

An ear warmer comprises a frame and a fabric member. 4\ and three sharp peaks of intermediate intensity at each of 13\ and 16\ and 17\ and 20. The component layers of the diaphragm are formed such that the average stress in the upper set of insulating films is more compressive than the average stress in the lower set of insulating films. The assembly is capable of reliably supporting heavy loads against adverse sway and seismic disturbances. At the receive end, received packets are synchronized using the stream and packet number identifiers, and multiplexed back into a DS3 signal. The method generates intermediate data-dependent cryptographic variables at each stage, which are systematically combined into feedback loops.

1459825985-23cdb960-46b1-4eb3-a44a-d5607124c882

An interpersonal relationships analysis method and system obtains an album comprising a plurality of photos, and recognize faces in each of the plurality of photos. The present invention is also directed to the use of the rotor in a centrifugal pump to pump coolant in a motor vehicle. The signal is generated to be fixed during normal operation of the bus master.

1459825985-bfd05603-58cb-45eb-ab9e-85cdb43c5435

An LED, and in particular an LED employing emissive semi-conductors such as conjugated polymeric materials, consists of a pair of electrodes, one or more intermediate semi-conductor layers arranged therebetween and optionally one or more further layers, and incorporates a microstructured feature adapted to manipulate spontaneous emission or propagation of light. The reagent includes at least one zero-valent atom, whether metal, metalloid, or non-metal, in complex with at least one hydride molecule. The invention also concerns method of coating ferrous and non-ferrous metallic substrate by applying the said coating composition on a degreased but untreated surface and coated articles so produced. The main body portion is movable between a radially collapsed closed condition in which blood flow through the conduit is blocked and a radially expanded open condition in which

blood flow through the conduit is unrestricted. The housing openings further facilitate the entry of flying insect pests into the trap. The seasoning method includes providing a seasoning film on the interior surfaces of a process chamber, typically after cleaning of the chamber.

1459825986-b8d9c74d-d12f-45fa-a50c-7e55205d077f

There is disclosed an accommodating intraocular lens for implantation in an eye having an optical axis. The valve with an integral orifice has the excellent flow rate control characteristics by improving the processing accuracy of the orifice and preventing the distortion of the orifice at the time of assembling. Next, a screw of the anti-vibration adapter is fastened to a nut part of the lens device to support the lens device on the anti-vibration adapter. In other embodiments, multiple sutures are placed with helically-shaped needles of differing dimensions. A run-in tool configuration includes a modulator for real-time wireless communication with the surface and/or remote downhole tools.

1459825986-dd241954-d773-4cbb-8ce4-42d136cf047a

One aspect of the present invention regards an automotive steering wheel control system having a steering wheel, a magnetorheological damper in communication with the steering wheel and a road wheel control system operably connected to the magnetorheological damper where the magnetorheological damper controls the steering wheel in response to a torque signal from the road wheel control system. The header controller sequentially supplies a top shim header of each packet received from a plurality of lines to the pipeline and performs an actual operation on the top shim header of each packet, based on the obtained information. The cross section of the attachment means is generally V-shaped and arranged such that the setsquare can be removed and reattached to the guide rail with consistency, whereby the angular displacement between a reference surface of the setsquare and the intended line of cut to be made by a power tool disposed on the guide rail remains constant after each reattachment of the setsquare. The tool is designed as a cutting device having a parting slide displaceable essentially transversely to the axis of the branch.

1459825986-e7bb146c-a6ab-43de-847d-404a658f89d7

A human-portable utility locator system for locating and tracing a buried utility line characterized by an electromagnetic field emission. The remaining fuel is then injected in one or more fuel pulses, none of which start before about 20 to 30 CA ATDC. In response, the installation computer determines if the computer program is already installed. The device comprises a pair of electrodes of which at least one is a transparent electrode, and a liquid crystal layer between the pair of electrodes comprising a liquid crystal composition comprising at least one dual-frequency switchable smectic liquid crystal, and at least one dichroic dye. , , which are independent of initial realization, are linearly combined at each iteration, by applying constraints to the linear combination coefficients of realizations and  $i=1$ . Embodiments of the invention may be used, for example, for storing, modifying, and accessing data for device, sensor, actuator, logic and memory applications.

1459825986-f21293c0-d973-4ad6-a4c3-1a1c593d0b39

A high altitude oven that includes a baking compartment that includes a pressure maintenance mechanism for maintaining the baking compartment at sea level atmospheric pressure during operation of the oven. In one embodiment, the large number of antenna elements of the M-MIMO antenna array are used to create precise transmit and/or receive spatial nulls at specific User Equipments being served by a neighboring cell and/or in select areas of the neighboring cell. In one embodiment, the customer dials \*XX and the terminating phone number, where XX are predetermined digits. Sampling circuitry samples the output signals associated with the respective first and second opposing surfaces of the scanned bill. A lens may be positioned adjacent to the LEDs to collimate the light. This makes it possible to incorporate the phototimer detection unit without affecting the aperture ratio of

pixels which influence the performance of the X-ray imaging apparatus and the characteristics of a MIS type photoelectric conversion unit, thereby performing proper exposure control.

1459825987-042ca6e2-62e5-43b6-bfc3-12bcce62f004

An electrode includes a conductive adhesive layer and a conductive foil layer having a void therein. In a lightning current detection sensor 10, an insulation-coated wire 22 wound in multiple turns is collectively covered with a base tape 21 and a cover tape 23. The device further comprises an emergency switch connected to the fuel shut-off valve and configured to respond to the emergency shutdown signal. In preferred forms, the extruder includes specially configured, intermeshed extrusion screws and a plurality of obliquely oriented steam inlets, and an upstream, dual-shaft preconditioner is used having individual variable frequency drives which allow infinite variability in the speed and rotational direction of the preconditioner shafts. The fixing ring positions the light emitters corresponding to the light receivers.

1459825987-1d550667-bbb4-47d6-8924-e92e42ed0aa0

A method and apparatus for automating the acquisition, reconstruction, and generation of knowledgebases of associated ideas and using such knowledgebases in many application including machine translation of human languages, search and retrieval of unstructured text, or other data, based on concept search, voice recognition, data compression, and artificial intelligence systems. to form a body containing silicon carbide and non-graphitic carbon. The source is applicable to optical telecommunications.

1459825987-793e07be-c22c-4183-9ab0-87c41452af08

The present disclosure relates to a utensil that can be used to manipulate batter. Such dielectric layer comprises a layer of a semi-insulating material which is fully enveloped by an insulating material and in which an electric charge is permanently present or trapped therein. A position-extracting means 20 extracts and stores absolute coordinate data of reference points. Actions including updating data are executed pursuant to the rules, and then the method determines whether additional rules are to be applied; and performs actions associated with these additional rules until there are no remaining rules to apply.

1459825987-98fe7b09-9ea0-48ee-a118-e95345b2d7bd

An active matrix substrate including a substrate, a plurality of pixel units, a plurality of driving lines, an electron static discharge protection circuit and a floating line is provided. The cartridge is provided with a water inlet for admission of untreated water, especially from a water-supply system, and with a water outlet, which is connected or can be connected to a consuming component, especially a beverage machine. The displacement-regulating ribs consist of three pieces extending radially and rectilinearly, so that the area of openings of the sandwiching members is made wide enough to ensure more a low dynamic spring characteristic.

1459825987-a0196e75-ecda-4ec9-8b13-b235a73a00c2

A sprinkler head assembly comprised of a base located at the upper end of a riser tube and which base carries an insert with an opening allowing for distribution of water. The device contains a plurality of sensors, a control unit and a display unit. An injection apparatus may include a hand-held injection facilitation apparatus, which may be coupled to a syringe. Because the configuration places these guidance and control system components at the perimeter of the vehicle, it also provides a platform for multi-aperture signal channels in the interior of the vehicle by freeing up volume within the vehicle.

1459825988-153f2dae-7922-43d2-9cb8-efa0c2dbe628

A magnetic recording medium comprising a magnetic layer and a protective carbon-

containing overcoat comprising a first carbon density, preferably of a low-density carbon, and a second carbon density different from the first carbon density, preferably of a high-density carbon, and a method of making and using the magnetic recording medium are disclosed. A rotation disc, the torque limiter or the like is wholly disposed, along a radial direction of the external gear, between the external gear and a peripheral wall of a baseplate. The dynamic structure is based upon content, which is extracted using an inverted index according to attributes and values defined by the XML structure.

1459825988-17695cfd-23d4-4c76-b02a-922498325c5d

A chisel for breaking spot welds of a vehicle includes an elongate handle section with a grip and a slightly angled chisel section with blade faces on three sides and a rib generally parallel to a blade edge to limit insertion of a blade between vehicle body parts. The PWM module is coupled to the gates of the two MOSFETs to alternatively turn on the two MOSFETs. Each terminal includes a pair of opposite end sections. In the process, what are inappropriate to the production of the soil fertilizing and/or conditioning products are sent to the second sub-system, which deals with incombustible waste. The mechanism adjusts the swath of the image-formation mechanism so that the bar codes are formed as part of the image on the media sheet within a single swath by the image-formation mechanism. As a result, the messaging interaction system is capable of presenting rated interactive responses in a personalized, artificial intelligence-based manner that meets the local user's expectation.

1459825988-224beacf-514d-4709-8bb9-c68d0e79dec7

Trajectory-based games of chance are described that may be implemented on a video gaming machine. A preferred catalyst comprises rhodium and samarium supported on an alumina or modified alumina support having certain surface area, pore volume, pore size and metal dispersion characteristics that permit light-off of the reaction at temperatures below 500°C. The pinning regions suppress the spread of a depletion layer of a drain region, and a short channel effect caused by fine processing.

1459825988-2b101a42-78d7-4325-8aaf-71c33322f5b8

A high-carbon steel wire rod with superior drawability which has the chemical composition of C: 0. The discharging prevention circuit includes a first power line, a second power line, a capacitor, a current detector and a switch. Advantageously, no further RPM polymer is used.

1459825988-7db72281-a24c-4af9-bc1b-8db0a93f1686

A substrate support assembly and method for dechucking a substrate is provided. In particular, information regarding the antenna configuration and/or the transmission diversity scheme can be conveyed by masking, such as cyclic redundancy check masking, to provide information regarding the antenna configuration and/or the transmission diversity scheme. A robot moving mechanism 14 moves the robot 11 in parallel with the workpiece 2 that is being conveyed by a conveyance carriage 18. Within the light guide, the laser beam gets separated into plural, successive beamlets having different phase shifts, different polarization states and/or path length differences equal to or greater than the coherence length of the laser beam.

1459825988-cbee31e3-7851-487e-9c5e-390569f99e2f

A capacitive sensing system with a sensor having a thin film structure. Contacts are connected to the housing and have leg parts that extend parallel to the direction of mating that are inserted into a circuit board. The band-pass filter is applied in one or more concentric zones and/or angular regions. The pivoting seat is disposed in the case body, and the pushing member is pivoted to the pivoting seat. For example, isolated lignin and lignosulphonate or waste streams containing lignin and lignosulphonate can be converted to methylol derivatives and treated with further reagents to produce controlled release fertilizers, hydrogel

fertilizers, and soil stabilizers. The illumination unit includes first and second reflectors, and at least one light source module placed between the first and second reflectors.

1459825989-00bf36ed-4b2f-45be-b55c-21428f109b24

Systems and methods for measuring one or more characteristics of patterned features on a specimen are provided. The inner and outer sleeves cooperate to define an inner passage for the flow of a fluid, and are permanently coupled such that there is substantially no rotational movement between the two sleeves. Thus, the software routine obtained may be tailored to the particular computer executing the native application. In response to and based upon detecting the first address, a second data request is generated to a second address. This may allow a substrate assembly coupled with the socket module to become slimmer by a thickness of the substrate, resulting in providing a more size-reduced terminal. The protective cap is supported between the terminal supports thereof against the drive shaft and the drive housing of the windshield wiper drive in relation to the output shaft via a supporting bearing.

1459825989-6619cb95-7772-42a2-b60a-bef744869d3b

A roller cone drill bit is disclosed which includes a bit body adapted to be coupled to a drill string. The system is to perform data communications within a network configured by a plurality of devices. A plurality of pre-equalization weights may be generated based on the generated plurality of vectors of baseband combined channel estimates. The transparent amorphous carbon layer may be included in a final structure in semiconductor devices. Knowledge of the transmitter configuration by the inactive mobile terminals improves the accuracy and reliability of the channel quality estimates.

1459825989-f6478a63-bfffb-4af0-86f5-7cc2f16942cf

A wheel, such as a traction wheel, with a momentum enhancing apparatus. An airflow control device is provided comprising a flexible web and a magazine adapted to receive the part of the flexible web that is not deployed. Then, forming electrically active parts of the device at those regions.

1459825990-49775a4f-45d6-40f2-9f20-28e650f48831

A method for determining a thickness of a shim for setting up a predetermined preload of a bearing assembly that rotatably supports a shaft within a housing. The present invention also provides a food/drink, a pharmaceutical product and an oral care product having a good taste which can fulfill the recent high-level demand for taste. The dummy patterns are spaced at the second pitch from the most adjacent ones of the patterns aligned in the row direction, and the dummy patterns are spaced at a first pitch from the most adjacent ones of the patterns aligned in the column direction.

1459825990-97f51bef-d876-4a68-b9e6-ba9cf321ee81

According to a preferred aspect of the instant invention, there is provided a system and method for using satellite communications satellites to control and receive data from a land cableless seismic system. An auxiliary chamber is formed using the space between adjacent branch pipes. The invention further relates to genetic complements of plants of variety CH479202. Application of an input signal between the input electrode and the ground electrode causes vibration of different order modes to be excited and coupled, such that an output signal is extracted between the output electrode and the ground electrode.

1459825990-b088ede2-93c0-47d6-a176-eb6021bc3672

Human G-protein chemokine receptor polypeptides and DNA encoding such polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. The test terminals including a first test terminal input with a high frequency signal with a frequency higher than a frequency of a signal output from a



second terminal. A receiver speaker and microphone are carried by the housing. The assembly may further include an outer glove with interior dimensions substantially equivalent to the exterior dimensions of the inner glove. In the step of forming the contact hole, a groove portion in which the semiconductor layer is removed is formed, so that formation of parasitic channels is prevented.

1459825990-e2094804-117f-4037-a1e6-b212ef3c82db

A mounting structure for display of at least one display board wherein the structure includes at least a pair of spaced apart retaining members where the display board may be pressed into secure engagement between the retaining members. In one embodiment, the linker molecule is covalently attached directly to the antigenic determinant on the cell surface. The disinfected, decontaminated water is suitable for reuse. The points are uniformly assigned a fixed set of data as their content. Such transfected cells are used in therapeutic methods to treat subjects with cancer or microbial infections.

1459825991-069d07a3-202d-4623-a68f-fb29aa47a85e

Method to control a clutch device within a transmission selectively coupling an internal combustion engine to a driveline includes controlling slip of the clutch device in response to an engine autostart event. A plurality of axially spaced guards extend outwardly from the shear bar assembly toward the rotor assembly and limit the size of fragments which can pass through a shear zone formed by the interengaging rotary and stationary teeth. The time period of operation below nominal minimum frequency may be predetermined as a fixed time period of operation below nominal minimum frequency, or as a variable time period based on the amount by which the frequency deviates below nominal minimum frequency. In some embodiments, the reactant fluids are pre-heated by absorbing heat from various components of the vehicle. These magnetic force lines have portions that are roughly parallel to the center axis 42 of the discharge electrode 14, the lengths of which parallel portions become longer as the magnetic force lines approach the center axis 42. At least some of the Six if present is converted to SiO<sub>2</sub> and at least some of ySi<sub>4</sub> if present is converted to xSiO<sub>2</sub>.

1459825991-30eb5b89-bf32-4bcd-af8e-3ea0cc3bf8c8

A charging system is incorporated in a computer communicable through a predetermined communication channel with a wireless peripheral device having a predetermined identification code. The base top panel and electronics enclosures form a structure to which various light units, lenses and covers are attached to form the finished light bar. The rotational bracket includes a locking tab to overhang a locking edge of the front cover.

1459825991-7d3dcc20-bd43-41f0-a76e-e6526f51c9ac

A divided conduit containing a thermoplastic conduit and at least one strip-shaped textile. A load mode identifier detects if the parameter write messages are operator initiated or program initiated. The particles in the gas are typically given a charge that is opposite to that of the charge imparted to the volume of collection liquid so that electrostatic forces help draw particles from the flowing gas into the small volume of liquid.

1459825991-8d9b981c-7c1a-43f3-9252-c5821cb116dd

An electromagnetic coupler including a conductor pattern formed in a first conductor layer, a feed pattern connected to a feeding system and a ground pattern separated from the feed pattern. The sheet discharge member is provided in the discharge portion to form a sloped portion continuous with a downstream side of the discharge port in the direction in which the sheet is discharged. The first and second portions may be part of a continuous shield, where the first and second portions are separated by an inversion of the shield.

1459825992-a5e2e81a-92b1-4898-b47c-30c8abe8bf81

Voltage boosters or pass circuits for generating a boosted voltage are advantageous in the decoding and programming of memory devices and, in particular, NAND flash memory devices. In recording data related to a content by dividing and recording the data in a plurality of sectors continuously, dummy data to be used for extracting a clock in PLL for data reproduction is recorded on a region adjacent before a sector from which data recording is started. \u201d Defined-care model or the healthcare asset management model has two primary components, one which is referred to herein as a \u201chealth management and retirement account\u201d, and the other of which is an infrastructure \u201cconnected portal\u201d that interfaces through a technology platform with the health management and retirement accounts and the account holders. The sound generator attached to the second flap includes a printed circuit board, a sound card containing a controller and a memory storing audio sound data, and a reed switch. This invention also relates to methods for producing other wheat varieties or breeding lines derived from wheat variety 26R87 and to wheat varieties or breeding lines produced by those methods. A transmission actuated by a motor is placed on the second rail, According to id invention, the holding devices comprise an external bowl-shaped supporting surface in which each end of the spindle is fixedly mounted, respectively.

1459825993-1a5c4b5a-8fb9-43d2-ac0c-b8746512437b

An object is to provide a water discharge device in which a water sprinkling member having water discharge ports can simultaneously achieve both good rotation start-up ability and good rotation stability. The optical system of the invention comprises a variable mirror and a moving optical element group. The driving surfaces and driving spaces are configured to engage a threaded fastener. The complexes function when irradiated with low energy visible light with or without molecular oxygen.

1459825993-ecb6f449-3c78-473e-beb1-da714692b895

Resolution enhancement techniques aid in accurately transferring features on a layout to a wafer. Dried molecular sieve catalyst particles are used to make the catalyst. The control module is configured to monitor a degradation factor related to an energy threshold value of the fuse and direct the switch to open the circuit to prevent the power source from supplying current through the fuse. Applying pressure to the contents of the container axially displaces the sleeve-like part of the seal relative to the pin-like projection, so that the contents of the container can exit. When charging the capacitive electronic part has progressed sufficiently, the switch is controlled to open.

1459825994-671c0eca-d95a-4094-8af7-fdcd1944d85c

The DIP connector of the present invention comprises a housing being provided with a receiving chamber into which a counterpart member being to be fitted, and a contact being fitted in a storing concaved part being concaved from the receiving chamber. By such arrangement, the photo-sensitivity and the total track length of the image capturing lens assembly can be reduced. The single address configuration table entry includes a wildcard for matching the source address of connection requests that are originated by any of the multiple source devices and destined for the destination device. A sequence of hash values are generated for the document.

1459825995-53b3dd79-31bc-41c6-b169-617d92418b54

A control apparatus controlling testing of a memory under test that includes one or more row repair memory blocks and column repair memory blocks. The plant displays a semi-decumbent growth habit, medium branching and forms a great profusion of blooms. The rubbing cloth has a plurality of slits formed parallel along the longitudinal direction of the roller base. A method of securing a liner in a well comprises lowering a liner having a gas filled chamber in the well, actuating a valve to open fluid flow into the chamber, removing the gas from the chamber, and moving the valve into engagement with a sleeve coupled to the liner to provide an indication of a position of the valve.

1459825995-cc84be19-7903-4db3-a9d1-e8c42a8f9e8d

A molecular system is provided for nanometer-scale reversible electronic and optical switches, specifically, electric field-activated molecular switches that have an electric field induced band gap change that occurs via rotation of rotor units connected to immobile stator units. A controller in the system receives inputs on cutterbar drive power, machine travel speed, and crop cut quality. The storage subsystem comprises data storage locations addressable as rows and columns in an array.

1459825995-e6a1b13a-73eb-4240-ab18-ca644e36a876

The present application relates to methods and systems for intelligently routing requests to one of a plurality of redundant servers. The robot controllers include robot group control units each having an operating mode storage unit to store operating mode information to select a robot. An upper cutting edge forms four upper cutting edge portions having an identical length corresponding to a determined angle with respect to the center axis. Finally a third clamping plate is provided, which abuts on the containing plate, in order to allow deformation and to prevent blow-by through such sealing means. The geogrid is placed on the surface of the regressed scarp and then anchored to the soil of the scarp by tensile ropes.

1459825996-0fffd2e63-b9b2-4442-9b14-76364ff6229a

Rollers between which an endless belt is wound have a pair of first grooves looping around a rotational axis of each roller. A received signal is separated into frequency synchronization signals and data, and a determination is made whether the frequency synchronization signals are adequate for estimating the frequency offset. The desktop integration module is an application which monitors documents with which the user interacts for predetermined events, and obtains content data and metadata from the monitored documents. The electric transport vehicle includes a sensor unit adapted for sensing continuously a floor track signal. The endpoint then transmits those digital message bits as part of the encoded information signal.

1459825996-15102c9b-c063-4abb-84aa-2d4f6648c518

A flat-conductor connection element for an antenna structure is described. The package further includes a first semiconductor chip having a front surface and a back surface. When the engine coolant temperature is higher than the reference engine coolant temperature, e. In another aspect, a polishing article for polishing a substrate includes a body having a polishing surface and a conductive element disposed therein. At least one of a fuel vent manifold assembly for venting the interior space of the fuel tank and a fuel refilltransfer manifold assembly for supplying fuel to and withdrawing fuel from the interior space of the fuel tank.

1459825996-a6f49a19-c627-45da-8d35-3f807477db56

A line-illuminating device 10, 20 having a light guide 11, 21 of which the cross-sectional shape is rectangular and its one corner is chamfered to form an emission plane 11a, 21a is provided, in which the light guide 11, 21 is housed in a light guide casing 12, 22, wherein the chamfer dimension of the emission plane 11a, 21a is more than 40% of a height dimension of the light guide 11, 21. A differential input circuit and a current steering circuit may be common to multiple output circuits, and a common offset compensation may be provided to compensate for a substantial portion of offset associated with the multiple outputs. An estimated value of slip is adjusted based at least in part on a comparison of the modeled value of the second motor variable and an estimated value of the second motor variable which is based at least in part on a value of bus voltage and a value of bus current. The microlenses in the first array collimate light incident in a sagittal plane orthogonal to the meridional direction.

1459825996-f4ab4699-13b4-44fd-8544-a31f5f38d15b

Disclosed herein are methods and devices for stimulating soldering of a substrate

with a component during a reflow process. An external connection is provided. At least one of the actuator assemblies has a hydraulic actuator movably connectable to an aircraft control surface. The method further comprises determining email traffic based at least in part upon the determined email addresses. The remaining phase offset is build out when no edge to edge alignment is required.

1459825997-250b3a9f-f047-452b-b44f-026dffa9aaad

A system logs life experiences using geographic cues. These aqueous coating compositions contain one or more water soluble poly resins having the general formula  $\text{C}_{14}\text{H}_{20}\text{O}_2$  and one or more polymer binders. The computer system can further partition the plurality of IO handles into one or more subsets, where events received via IO handles in the same subset are correlated and events received via IO handles in different subsets are uncorrelated.

1459825997-26f96819-3e9e-4647-8c38-43f9bfff362f3

By automatically adjusting the object detection mechanism of a bar code scanner from a long range mode of operation to a short range mode of operation, the scanner will remain capable of detecting and decoding bar codes even if the object detection mechanism repeatedly detects the presence of a background object. One or more wireless sensors are attached to the animal, for example, to measure motion-related parameter associated with one or more parts of the animal. A first insulating film is formed which covers a side surface of the pillar. The power transmission sleeve is interposed between the drive sleeve and a wheel hub. The reservoir is designed such that the liquid metal does not leave the reservoir even when in liquid state. The raised rings reveal the nature of the thermally conductive material, yet protect it from scratches and abrasion during use, such as when the cooking vessel is resting on a stove top.

1459825997-b86532c5-5951-4a2e-a5b5-03a103bf706f

An internal combustion engine incorporating rest cylinders is provided which does not need a high response performance when operating a throttle valve and which can eliminate engine output variations as the number of operable cylinders changes. A considerable sequence of streamed data is sequentially read and subsequently assigned to matching bins. A casing data relay includes a downhole receiver coupled to a well casing and a transmitter coupled to the receiver. A three-dimensional scanner located below the membrane measures the distances to the bottom of the membrane over an array of positions. The positioning of the center of gravity of the golf club head and the optimized inertial properties provide the golf club with greater ball spin robustness and better performance.

1459825997-d70aa5c0-9a57-4fb1-9545-621b3676e5fa

In a full-adder of complementary carry logic voltage compensation, two input terminals of a first multiplexer are connected to a carry input and a carry inverted phase input respectively; an add signal is connected to a select signal; an input terminal of a first inverter is connected to an output signal of the first multiplexer. A key obtaining unit obtains a second key, with use of key management information recorded on a recording medium on which related content relating to the encrypted content is also recorded. Clamp claws sandwich the tube support body.

1459825997-eefdf286-fa4d-4a40-9467-eeb7c218a651

An apparatus and method for supporting PCI Express is disclosed. The compounds and compositions of the invention can induce the biosynthesis of various cytokines and are useful in the treatment of a variety of conditions including viral diseases and neoplastic diseases. The heating unit is configured to generate heat for thermally fixing the toner image to the sheet. The first locking member is at one side edge of the panel and has two spaced-apart flexible arm portions, at least one arm portion including a first latching member.

1459825998-62508249-dc26-4832-904e-2b482d4d120e

A system for collaborative document annotation whereby notes associated with a document, such as an image or text document, are stored in a notes database on a central notes server. A resin product is subjected to electroless plating after ultraviolet treatment in which ultraviolet rays are irradiated through water or a solution is performed. The golf club head has a mass between 140 grams and 215 grams.

1459825998-96fff03a-9e8c-4109-b51f-ac07a593dcb6

A call between a calling party and a called party, one or both of whom may be subscribers to Internet Telephony services, commences upon the receipt of a call dialed by the calling party to the Plain Old Telephony Service number associated with the calling party. The waveguide is formed utilizing a two-step proton exchange process in which the substrate is bathed in a strong acid and then subjected to a plurality of annealing cycles. 2 nm RMS or less roughness of the surface.

1459825998-c7195c7c-9ba2-4fd8-9738-b409984e7899

A mounting and fixing apparatus for analog-to-digital electrical equipment according to an embodiment of the present invention comprises: a mounting rail, an electrical equipment-insulated pedestal and a stop element. The monopole antenna includes a main body, an extension part, a connection part, a signal feeding terminal, and a ground plane. The device is also effective to facilitate penetrating of the device into bone due to the configuration of the distal penetrating tip. In this exemplary embodiment, a hierarchy prioritizes these modes in the following order of high priority to low priority: off; local; remote. In accordance with an embodiment of the present invention, the semiconductor device comprises a first semiconductor chip comprising a first coil, a second semiconductor chip comprising a second coil inductively coupled to the first coil, and an isolating intermediate layer between the first semiconductor chip and the second semiconductor chip.

1459825998-c8e9c4e9-0d60-48d3-82d4-67f857f3b7f6

This invention relates to asymmetrical, substituted polysiloxanes which show good compatibility in a variety of oils and improve the spreading behavior of oil-based formulations, to a process for preparing these asymmetrical polysiloxanes and to oil formulations containing said asymmetrical polysiloxanes. This circuit provides a precise, quiet, linear regulator that provides a tightly regulated output with a fast regulator working in parallel to ensure that the output voltage stays within an acceptable boundary. Thereafter, the packet receiver device may receive, from the packet receiver device, flow control data that includes a received flow control identifier generated in response to the sent flow control identifier.

1459825999-2f3d1507-2bdb-466f-a0ee-9f5902d079ca

A sensor device has a sensing portion, a connector terminal, and a case housing the sensing portion therein and forming a terminal fixing portion. With such a quality criterion, it is also possible to monitor the burn-in of faulty memory units on a wafer. The printer has an unwind mechanism that accepts and holds web rolls of different widths in center-justified relationship with respect to a print head. There is additionally provided a method of forming the image sensor APS cell having a predoped transfer gate and a doped pinning layer.

1459825999-6693f532-6f68-4cdb-91d5-fdf0a3cc14ec

A system for atomic file transfer operations over connectionless network protocols includes a processor and a memory coupled to the processor. The traveling vehicle 2 is supported by the auxiliary wheel 6 and guide rollers 24, 20 such that the traveling vehicle 2 is orientated horizontally in the left-right direction, or the branch lane side D of the traveling vehicle 2 is oriented slightly upwardly. In one embodiment, the first detector detects an electron energy loss electron spectrum, and the second detector, positioned behind the first detector and detecting

electrons that pass through the first detector, detects the position of the zero-loss peak and adjusts the electron path to stabilize the position of the spectrum on the first detector. The payloads of the packets stored in the buffer are modified and thereafter, the modified packets with the modified payloads are sent to the second network node. In a preferred embodiment, the two relatively rigid articles comprise radiant heating tubing and a wire mesh supported on a bed of particulate material.

1459825999-f97ca64d-df49-403c-b1c8-253168b99af7

A pipelined reorder engine reorders data items received over a network on a per-source basis. Additives are added to the ferroelectric liquid crystal. In the zoom lens system, the conditions: 1. The frequency of the power is then changed to a probe frequency and maintained at the probe frequency for a probe-time-period, which is less than the main-time-period. 5 equivalents of water, said water being continuously fed during the hydrolysis reaction.

1459826000-3f920a71-d9e9-4ae7-97fe-c7f82cd595b8

This invention relates to novel quinazoline derivatives, and their pharmaceutically acceptable salts. Efficient air currents may be provided by rotating the air currents around the wick, by providing a helical channel for the air to flow around the wick, and/or by aligning a fan with the longitudinal axis of the wick. That is, link information about the memory areas written with partial image data for a same image is written to each memory area.

1459826000-78cbd4ee-6815-4ea0-a72f-d56f55be2231

Apparatus and a method are disclosed for venting gas from an annulus region of a flexible pipe. The carrier disc has a hub which is supported by a hub bearing on an eccentric disc which is part of a driven drive shaft. At least a portion of the data is provided to the lender by the applicant. Neither the upper or lower attachment devices interfere with normal operation of the vehicle window, nor do they restrict a pet from normal movement within the vehicle. Since the luminance of the screen is changed suddenly when the test video is displayed actually, this change can be sensed by an optical sensor 20.

1459826000-ae49159c-ca7c-411c-bf11-2584ff9f9d8e

A dynamic random access memory structure is disclosed, in which, the active area is a donut-type pillar at which a novel vertical transistor is disposed and has a gate filled in the central cavity of the pillar and upper and lower sources/drains located in the upper and the lower portions of the pillar respectively. In the illustrated embodiments, varying amounts of impurity sources are introduced during the cyclical process. The handle will be therefore really soft for facilitating use when connecting other products. In alternative methods, one cavity retains the deflector 40 for conveyance to the installation location on the structure. The gate driving circuit is configured for scanning the liquid crystal panel.

1459826000-d50a94eb-afec-4a83-8364-d144599d19b2

User equipment and a base station in a carrier aggregation system, and a call admission method thereof are discussed. The method comprises contacting a negative pole layer and a positive pole layer one with the other or with an optional layer interposed therebetween. As a module, the building structure extends downward from a planar ceiling surface which forms the ceiling of an uppermost unit to a planar lower floor surface of the second lower other unit. Oncoming flow to the control element may come from an axial direction or from a radial direction, and outgoing flow from the control element occurs in the axial direction. It will assist if the selected point of the cycle is an extremity thereof, as the rate of change in these areas is at a minimum.

1459826000-ea3d347e-251a-4766-b09a-69266e193556

A ROM disk having a block data format provided with linking areas as with a

rewritable disk. The structure can be used as a capacitor, as a discrete transistor as a single-transistor amplifier or as a building block for more complex circuits. The portable computing device can include at least a single piece housing. The touch screen system also includes a touch controller receiving the sense output and including; a noise compensation block configured to generate a compensation capacitance to compensate for the parasitic capacitance and provide a compensation output, and a signal conversion unit that receives the sense output and the compensation output and generates a noise compensated sense output. The attitude and/or azimuth orientation of the system may be varied prior to, during, and/or after release of a releasable item. The method includes: calculating, for a nonlinearly filtered image, a variance value of an area surrounding a current pixel used for identifying an edge of the image; and re-filtering the current pixel when the variance value is greater than a predefined first threshold value, so as to recover an anti-aliasing edge.

1459826000-f5714ee6-cbed-4923-a362-2379f5fafee5

An exemplary balance controlling circuit includes a transformer, a first capacitor, a second capacitor, a first inductor, and a second inductor. An aqueous catholyte is placed in ionic communication with the cathode to store reaction products generated by reacting the alkali-metal ions with the oxygen containing anions. The simplified parametric loop filter implements symmetry between filters, symmetry within each filter, unity DC gain and zero-forcing to 1) reduce the storage space in memorizing the fixed filters, and 2) reduce the computational complexity for performing filtering. The remote phone message is sent to the local telephone device for silent playback. A selected one of a plurality of network nodes is identified to facilitate the communication session based on a number of packet data protocol contexts associated with one or more of the network nodes. The electro-stimulation can be defibrillation or heart pacing or both.

1459826001-2c224f67-7ac0-4006-980a-b3229e387b5a

A method of measuring contamination in fluid that is expelled from a food processing system is presented. The system is particularly useful for persons said as asthmatics who require additional room air filtering and special needs relating to air damping and airflow. A waterwheel located in the waterwheel chamber and a fan located in the mist chamber are provided around a rotating axis so as to rotate together, and then warm water in the water storage tank is sprayed onto the waterwheel by means of the pump, whereby mist is generated. The microwave plasma torch employed is capable of generating laminar flow during processing which allows for the production of spheroidal particles with a homogenous materials distribution. Advantageously according to embodiments of the invention, the error code incorporated in the original sequence belongs to a non Boolean group.

1459826002-30071e63-0762-48c7-8474-08c4344c0976

A slot interface access device including a slot management module; a slot control module; and a physical slot to management slot contrast table, the slot management module, the slot control module, and the physical slot to management slot contrast table being provided between an input and output control module and a slot interface lower than the input and output control module. At least one layer of material is thermally sprayed on the core to form a rough surface having a roughness from 400 microinches Ra to 2000 microinches Ra or greater. Various arrangements are described, wherein the nozzles are arranged in a single row or two staggered rows; the printing is effected in a single pass or two passes; the nozzle line sections are overlapping, contiguous or spaced from each other; and the deposit zone of one nozzle overlaps at least a part of the deposit zone of another nozzle.

1459826002-35d95dfc-b2bf-4ee7-8b55-87132518fe28

A double-sided LCD device includes a double-sided backlight unit, front and rear LCD panels, and first and second circuit boards connected to the front and rear LCD

panels, respectively, by TCPs. The collector assemblies generally include a rotating drum with flexible fingers having widened ends extending outward there from. By positioning the first handle intermediate between the housing and the battery compartment, the center of gravity of the thermal imaging camera coincides generally with the handle when the thermal imaging camera is in use, that is when batteries are present within the battery compartment. Spiked end caps are also provided for increased anchoring of the device to the carcass. The secure shell daemon obtains a public secure shell cookie associated with the user from the keystore of the user. The determined components are compared to reference components in a data library.

1459826002-72bf5126-8d28-4e42-986e-9cebba5a2497

A desk caddy intended for grade school children sitting at a desk having a storage bin. The ETRS subsystem includes an ETRS valve, a park servo, a park mechanism, a mode valve, and a plurality of solenoids. The one-way mirror forms a non-right angle with an emitting direction of the beam and has a penetrating surface and a reflecting surface at opposite sides thereof wherein the beam penetrates the penetrating surface, and can be reflected by the reflector to the reflecting surface and then reflected by the reflecting surface to the beam receiving end. As the light source is activated, capturing a test image of a scene illuminated by the at least one light source by the image capture device. Polymer compositions containing from 5 to 40% of monoethylenically unsaturated carboxylic acid monomer, from 35 to 65% of alkyl acrylate ester monomer and from 20 to 60% of alkoxyated acrylate monomer provide improved cleaning performance in laundry detergent formulations relative to conventional polymer compositions.

1459826002-9e886d82-cd58-4ad3-bc29-fb3bef358681

A method and apparatus is disclosed for providing content to a user. The method includes ranking the documents in the collection based on the respective times that the documents were created, ranking the documents based on how similar their respective contents are to the topic of interest and ranking the documents based on originality of their respective contents. In one implementation, a content creation application includes a first interface configured to facilitate composition of a message by a user and a second interface configured to receive a search query from the user, display search results relating to the search query, and receive selections of the search results from the user. The electronic elements of the first electronic element subset are arranged according a first predetermined method and the electronic elements of the second electronic element subset are arranged according to a second predetermined method, wherein the second electronic element subset is adjacent to the first electronic element subset. The horizontal busbars distribute the electricity to the high-amperage circuit breakers coupled thereto and to the vertical busbars. ESD protection for the capacitor can be provided by a pair of oppositely-directed diodes formed in the substrate and connected in parallel with the capacitor.

1459826002-9fc23d65-44e1-45d1-b839-2eef48334f2c

Electrical connectors having improved impedance characteristics are disclosed. Moreover, trees are very vigorous. Rotation of the main rotor assembly 2 is achieved by means of a main engine assembly 5.

1459826003-9e70e734-7c2a-49d7-93ee-a39bf58e1850

An ESD protection circuit having a smaller area is provided. A fame is disposed on the base and an arm has a first end pivotably connected to the frame. At least outside the retaining area for the brake band, several areas having a reduced wall thickness are provided in the retaining membrane.

1459826003-c382e392-20d5-49a7-8784-20637d0f981f

The present invention provides a method and system for an innovative design of the automatic stabilization and pointing control of a device based on the MEMS



technology, which is small enough and has acceptable accuracy to be integrated into many application systems, such as, laser pointing systems, telescopic systems, imaging systems, and optical communication systems. The valve also includes a vent system comprising a control chamber in flow communication with the fluid inlet of the valve and a vent outlet in flow communication with the fluid outlet of the valve, and a solenoid for venting fluid venting fluid from the control chamber to the fluid outlet. One version of the invention has an angled pocket.

1459826003-c3c9e02e-f3b8-46c6-a6f9-54def57c257b

A system and method for utilizing circuit switched and packet switched resources are disclosed. In one embodiment, a first media segment is forwarded to a client node. Small quantities, on the order of 10 sccm or less, of other gases such as C<sub>2</sub>H<sub>5</sub>F and CF<sub>4</sub> may be added. A rotatably supported driver rotates the eccentric. The first and second support layers are then joined. Another electrode is supported by the substrate and arranged to form an electric field coupling with the electrode including the compressible material.

1459826003-e9666a46-3c8e-4799-952b-8ca3a4b83a0d

This invention provides the user the ability to accurately nanomachine surfaces with reduced tip induced errors. The second antenna group includes individually-controllable, longitudinal second antenna elements. In the self-service mode, the checkout station is positioned on the opposite side of the checkout lane and the customer performs the checkout functions with little or no help from the merchant.

1459826004-3c53ca95-6078-4089-93e6-e114023d0206

One embodiment of the present invention relates to a method and apparatus for removing the effect of contact resistances for Hall effect device contacts. The system comprises a data source that may be configured to provide data to be printed on the flexible substrate, a processing circuit, and an energy source. The centralized service management module receives an interaction, such as an appointment request, from a client device or a service provider associated with healthcare services. The generated iterative reconstruction displays. The polymeric body and the outer cover are opaque.

1459826004-b0cdf2e0-ca91-4cec-9169-856403c13562

The present invention provides a fundamental cell, semiconductor integrated circuit device, wiring method and wiring apparatus for designing a layout of a functional circuit block or a semiconductor integrated circuit device using the fundamental cells, with a higher degree of freedom of wirings. The present pinless accumulator piston design eliminates the accumulator pin whereon the original equipment accumulator piston resides thereby resolving the problem of hydraulic leakage at the accumulator pin/piston interface. Two channels are provided in the bottom portion, each in open communication with opposite sides of the bottom portion. A first liner is disposed over the first spacer and over a portion of the workpiece proximate the first spacer, the first liner comprising the first material. The resulting memory cell has a small area requirement and a high number of program/erase cycles. The resulting current travels through the area of increased resistivity and thereby creates a larger voltage along the P-well from the center N-type structure out toward the distal N-type structures.

1459826005-4894a524-92b5-48e8-8f88-3a8872a4b6b2

Disclosed are methods, media, and vault servers for providing a secure messaging system using vault servers in conjunction with client-side restricted-execution vault-mail environments. The sacrificial layer is used to define a subsequently formed floating metal structure. Both message and conversation signals are preferably at similar levels. The validity signal specifies the validity of the corresponding error symptom in each case. The invention discloses genomic sequences the methylation patterns of which have utility for the improved detection of metastasis of colon cell proliferative disorders, thereby enabling the improved

diagnosis and treatment of patients. The cycle unwrapper converts the on and off angles around the wrapped 360 programmable sequencer to on and off times along an unwrapped bottle forming process which takes more then two machine cycles to complete.

1459826005-f8ee970f-9042-4f57-a904-7943e0c65811

A printing device for printing text, indicia, and images on a medium includes a housing that abuts a surface of the medium during a printing sequence and includes a print head which is moved from a starting position to an ending position during a printing sequence by a bidirectional first movement drive in cooperation with a second bidirectional movement drive. These sub-switches may be arranged in a hierarchy that increases the available bandwidth for transmitting multicast data frames across the switch fabric. The first power supply terminal is electrically connected to one of a source terminal and a drain terminal of the switching transistor. In a particular embodiment, the abrasive particles comprise a content of Nd2O3 that is greater than a content of Y2O3. The pawl is pivotally and translatably secured to the support plates and includes additional teeth arrayed opposite to the latch gear teeth and an extending end with an upwardly arcuate shape. In order to provide a vehicle with a heating appliance, with which safety-critical situations are substantially avoided, an overpressure safety device is provided in the fuel supply.

1459826006-1fdad82d-d8b4-44af-8b58-36cf6fb5c768

Several methods of forming angled orifices in a metal sheet are described in which an angled orifice can be formed from a preformed right-angled orifice. Management instructions are sent to the mobile device from a Management Centre using a wireless telecommunications network and, following a receipt of the management instructions at the device, the management agent processes the instructions and manages the applications accordingly. A flow decision unit decides a flow based on key information corresponding to a destination MAC address and a source MAC address. The larger the pH value or conductivity, the higher the density of electrolytes, selectively SO<sub>x</sub> or NO<sub>x</sub> in the exhaust gas. The wafer can be attached to or received in a digital camera, video camera, PDA, laptop or desktop computer, GPS unit or other devices to combine the functions of the transceiver unit with the peripheral device. Most preferably, the BCF yarns are formed of nylon-6 and exhibit an alpha-crystalline content of less than about 45%, and usually between about 45% to about 55%.

1459826006-20b46cf9-24d8-4a16-a621-623e21e9bf5b

A card socket assembly includes a base, two latching mechanisms, and an elastic member. The first station may include a storage unit configured to store relationship information defining a communication relationship between the first station and the second station. Embodiments of the present invention also include an improved low voltage amplifier using a 3-stage topology including a wide-swing folded-cascode input stage followed by a differential gain stage which provides improved gain and output compliance. By means of the initialization, the context-based adaptive binary arithmetic coding/decoding scheme is optimally adjusted before processing a start symbol of the symbol sequence so that no bit rate compression losses because of a delayed context-based adaptation are introduced. Status of grouping and processing performed on instructions by a processor at runtime can be acquired dynamically, such that processing capability of the processor can be better utilized.

1459826006-6fdf001d-a024-40eb-870a-fd5f371fff419

The present invention relates to an interpolation method for enlarging a digital image or predicting a moving vector of a compressed image system as a sub-pixel unit when the image digitized through a CCD camera ect. When the player chooses a selection, the gaming device randomly generates a value and randomly places the value into one of a number of adjacent slots. The patellar implant is a component

of a prosthesis including a femoral implant for replacing the knee end of the femur. However, upon contact with bodily fluids, water in the fluid can lead to deprotonation of the chromogen, thereby resulting in a shift of the absorption maxima of the chromogen towards either the red or blue end of the spectrum. When writing a pattern, an operation part determines the number of mirror blocks to be used where scan speed can be maximized, in consideration of required time for input of the writing signal to the DMD and light amount applied on the substrate. A first insulating layer is formed with an inorganic material extendedly from a surface of the first magnetic pole opposite to the recording-medium-facing surface to a top surface of the first magnetic layer.

1459826006-82f646bd-3e6d-4ec0-8b02-b6ada91decc4

A downhole zone isolation device is disclosed that features a non-spherical valve member that will not rotate while being drilled out. The apparatus comprises a first variable filter having a first reservoir portion and a first non-reservoir portion. Next, the capture manager determines to capture one or more representations of the one or more objects in the content stream. The second anode material is located adjacent to the first anode material along at least two long sides of the first material.

1459826006-afcae214-ef10-4280-ace7-b01c461ae055

A rapid emergency dam is disclosed. Task calls are directed to a task wrapper that associates the task call with a particular unique identifier, and stores parameters provided by the task call at memory locations associated with the unique identifier. , a bodywash, where the additive contains an encapsulated non-sunscreen, and methods of making and using the additives as well as topical compositions containing the additives. Information is associated with the tag before after or during the insertion. The first ground contact face is located opposite to the second signal contact face.

1459826006-c4060010-1a87-4d0c-a3ca-e0b1625b835b

A disaster recovery technology capable of achieving the high-speed FO and correctly reading the logs even if the unit of logs written in the main site is large is provided. Each half of this series connection is connected to a mid point forming a phase output by a phase reactor. An instructed recording end point C indicates a position at which AV data captured when the user gives an instruction to finish recording is recorded. Circuitry within the storage array may leverage the individual capabilities of the high-performance SAS SSDs to increase the overall performance of the storage array.

1459826007-0c24f402-ef2e-4d31-a54d-298067a40d56

A method of preparing a depilatory composition includes placing a quantity of sucrose into a heating vessel. The ink receiving layer contains inorganic particles. The connector is preferably equipped with a first slot limiting the side to side angular range of motion of the retractor blade stem relative to the retractor shaft, and a second slot limiting the top to bottom range of motion of the retractor blade stem relative to the retractor shaft. The MEP correction module that generates a corrected NMEP for the combustion cycle based on the measured NMEP, the offset correction, and the slope correction. In one embodiment, the SAW device includes: a piezoelectric substrate, a conductive layer located over the piezoelectric substrate and a resistor, coupled between a portion of the conductive layer and the piezoelectric substrate, that forms a return path for static charge migrating from the piezoelectric substrate to the conductive layer.

1459826007-567e764a-6743-4b96-8292-b71e79fa0094

The present invention relates to a method and apparatus of processing digital power with pulse area modulation. Devices are authenticated based on a first set of data collected from the device, and if authenticated, may be permitted to send or receive service requests based on a second set of data that identifies the user,

includes data about the user, identifies the service and/or identifies eligibility criteria. Further, the electronic device control command is enabled in response to a code received at the portable communication device from a service provider. The hinting instructions preserve semantic meaning for the character while altering either stroke presence, stroke location, or both for at least one stroke of at least one feature of the character based on a reference character size and output resolution.

1459826007-5bc3c25e-64fd-4c5c-9adc-6d0b49f01655

The present invention provides a process for producing carbostyryl derivatives which are known to be useful as medical drug such as antithrombotic agent, cerebral circulation improver, anti-inflammatory agent, antiulcer agent, etc. The p-type electrode is formed in a mushroom shape, so that the contact area faced by the spreading region of a dopant for the photodiode and the electrode can be minimized and the capacitance of the photodiode can be reduced. A record associated with the originating IP address is created in a data store. In some aspects, the independent rotation is provided without a motive power device being provided on the arms or wrist member, i. Thus, lowering of luminous flux derived from red-based light with low luminosity is compensated by yellow-based light with comparatively high luminosity, and the resultant white-based light can be well color balanced, and hence, a semiconductor light emitting device emitting white-based light with high luminous flux and a large Ra can be obtained. The air-conditioning apparatus capable of executing an oil collection mode that collects a refrigerating machine oil stagnating in heat exchangers related to heat medium into a compressor by changing a flow velocity or a flow direction of the refrigerant flowing in the heat exchangers related to heat medium depending on each operation mode.

1459826007-c7741d90-c319-44b4-bc09-7fc3e7cb8b91

A conveyor system for controlling two conveyor belts with a single motor comprises a housing including at least one inclined section. In order to determine the minimum acceptable fare, the system typically solves an optimization problem that takes as input the airline's flight network schedule, fares and forecasted passenger demands for all products available for booking on the airline's flight network, and available capacity on each of the airline's scheduled flights. The ion-conductive materials each include i) an inorganic layered structure including a plurality of layers formed of an inorganic compound and ii) a sulfo betaine-type or hydroxysulfo betaine-type ampholytic surfactant.

1459826007-d62db825-ed98-42aa-ace6-95fff5e51c06

A method of reproducing from a storage medium video data and graphics data for displaying a menu screen. The cartridge contains a thermostatic valve. The method also comprises automatically sending information about accessing the local wireless communication network to a mobile wireless communication network. The sensing device generates an incremental signal from which the steering angle can be determined.

1459826008-19b11380-f530-4f6b-91e3-5a9b39681422

An in-line drug delivery pack that connects in-line with an intravenous line and allows for the mixing of diluent with a drug reagent to be delivered to the patient. A lockable entrance cover closes the entrance to the vehicle. The T-junction conduit has an input port and two outlet vent ports. The first common handover interface is configured to receive user and/or traffic data from both Data Retention Sources and Intercepting Control Elements. Fake multipath removal in continuous time-domain parameter extraction, a sparse channel-based method, is also described that further improves estimation quality and reduces feedback overhead. For example, in MEG measurements the object associated with the transmitters is the head of a human being on whose surface the transmitters are placed.

1459826008-9e86f2a5-d766-494b-92fa-7b51c3467380

A semiconductor manufacturing method wherein a trench is formed in an SOI substrate. The two contacts are in contact with each other in a switched-on state of the switching device and are not in contact in a switch-off state of the switching device. Each cowl brace includes an upper portion, a lower portion and a continuous body portion connecting the upper portion and the lower portion.

1459826008-b8f99edf-8cd2-4ee7-a630-2f116e76f485

A mobile terminal and photographing method for the same are disclosed. The protective articles of the invention may be used to provide substrates or articles of the invention having a fluorinated surface. Then, a fast Fourier transform is performed on each image to obtain a two-dimensional subset frequency space. This unit stores energy from the fuel cell and supplies energy to the effectuating capacitor via an electric transforming unit. A moveable rinse fluid valve member is disposed in the flow path and movable between open and closed positions. The scheduling signals can be defined to the same size in a PDCCH transmission region of said predetermined downlink component carrier in the event different MIMO transmission modes are applied to the PDSCH transmission or the PUSCH transmission, or in the event said one or more downlink component carriers or said one or more uplink component carriers have different bandwidths.

1459826009-2155d948-2ad0-4408-b4ce-4bbeca347ad9

A tolerance ring is disclosed and can include a generally cylindrical body having a side wall that defines a top, and a bottom. A mounting member is secured to peripheral edge portions of the layers and closes the gap between the layers while providing a means of securing the trap into an air intake tract. Other embodiments are disclosed. Thus, it is possible to create an inductance with a much lower value of parasitic resistance. Data from an accelerometer is stored in FRAM memory. The layer is epitaxially grown by use of a mask, wherein the mask satisfies the equation :.

1459826009-a95d064d-721f-4c51-89fd-dd280d728254

An enclosure assembly for use with a fiber optic cable, the cable having a lengthwise cable axis and including a plurality of optical fibers and a jacket surrounding the optical fibers includes an enclosure housing and a cable control clip. The upper unit includes a platter installed to a spindle of the moving unit, a separative platter separatably installed to the platter and having a polishing pad contacting with the glass, and a vacuum chuck for fixing the separative platter with respect to the platter by means of vacuum. High-speed drawing by means of roller dies makes a stock wire into a welding solid wire having the diameter of the finished wire or nearly finished wire. Dielectric features are associated with the first active region and break up the first active region. One or more of the position markers illuminates to display output from the electronic device. The gateway selects at least one of the clouds according to predefined Service Level Agreement information, and stores content provided from the user device to the selected cloud.

1459826010-77afe124-70ad-4594-93cf-071828d6b64a

A cooking apparatus is provided. With regard to the second n-ch TFT N2, a gate thereof is connected to a second capacitor C2, a source thereof is connected to a first reference voltage source YVDD, and a drain thereof is connected to a first capacitor C1. 3 weight parts for 100 weight parts of such blast furnace slag or its grading adjusted slag, and may be applied as an aqueous solution with concentration of 1. In the case that the candidate is included, a second discriminating portion discriminates whether the candidate is a face, by referring to second reference data, obtained by learning the second characteristic amounts of a plurality of images, which known either to be of faces or to not to be of faces.

1459826010-a4ed2c04-8dac-465e-88b5-8d72061d5ca5

Pseudo-random numbers generated by a PRN generator are mapped to predefined number

ranges or target ranges. The pilot mixer can further include features to cool the annular housing, including in the area of the corner recirculation zone. The weight is variable according a status of contact between the person and the arbitrary object and is calculated based on not only a physical property value representing the status of contact between the person and the arbitrary object but also a tactile feature quantity representing a feel that the person gets when touching the arbitrary object. The front panel and the rear panel are faced with each other, and the peripheries thereof are sealed to form a discharge space therebetween. The current value detection unit detects a current value that changes in accordance with the amount of electrons emitted by the charge supply unit. The peptide of the invention also can include an amino acid homology with the sequence shown in SEQ ID No: 2 corresponding to at least about 80%, at least about 85%, at least about 90% or can include the amino acid sequence shown in SEQ ID No: 2.

1459826010-e5d14859-2c72-4123-904c-94db0566e9c1

The invention relates to routing messages over a network of interconnected devices of a networked control system, particularly to routing messages for individually controlling devices of a networked control system such as light sources of a lighting system. The inner terminal has an attachment portion that is supported on a projecting anvil of the insulator that is disposed in an intermediate bay of the outer shielding terminal. The stone cutting machine can have a plurality of stone cutting elements and it can be configured to concurrently create a plurality of stone cuts. The sensing assemblies attach to the support frame and connect to the mandibular member to obtain positional data related to the movement of the mandibular member. Some embodiments may be a method comprising sending a request for logging data from a log analysis application to a repository of logging data gathered by a logging device, and sending a reply comprising a reduced representation of at least some of the logging data.

1459826010-f762b14a-6cf9-48fc-a09c-a30d9f07654b

A cable modem termination system measures signal qualities of upstream transmissions associated with one or more cable modems. Further, a controller is configured to control the display of the thumbnail image data and to display page data with the thumbnail image data. Thus, the first load-receiving member is moved in the axis direction with respect to the second load-receiving member, thereby applying a tensile force to the bolt.

1459826011-532052ce-0619-4dfa-95a5-89b3395ebd0e

The present disclosure provides a gravity gradiometer that comprises a detector for detecting a gravity gradient. At least one clamping arm includes a first end having a pivotal connection with the distal end of the elongate member. Each of the tags corresponds to a respective one of the cache lines. The attenuation characteristics of the first section are chosen such that the intensity of the optical radiation at the probe wavelength that reaches the second section is below the threshold for the onset of non-linear effects of the second section. At least one laser scanner measures the distance to a container wall from different angles, and passes the measurement signals to an electronic control, which calculates a steering angle reference value for the electronically regulated vehicle steering from the measurement signals. The processor then proceeds to check that the two identification data correspond in an expected fashion.

1459826011-9bb24ae0-3610-4b4a-a572-f67916bffe24

A method for converting image data from serial to parallel is provided. In order to reduce the effects of acceleration-induced deflections of the probe on the measurements made by the machine, accelerometers are provided to measure the accelerations of the probe and to produce signals indicative thereof. An application that automatically generates connecting lines between shapes, based on spatial relationships among the shapes, can reduce the amount of time for drawing a diagram.

1459826011-d62e0f98-915c-4d12-bcd5-4d7b19a19e65

An atomic layer deposition process deposits thin films for microelectronic structures, such as advanced gap and tunnel junction applications, by plasma annealing at varying film thicknesses to obtain desired intrinsic film stress and breakdown film strength. Such a method comprises processing cellulose fibers into a fiber mixture, and then forming a wetted mixture from the fiber mixture and a fire-retarding solution, wherein the wetted mixture has a solids content of the fire-retarding solution substantially uniformly and thoroughly dispersed therethrough. The support member supports the light emitting member. The candidate topic word is determined to be a topic word if the candidate topic word divergence value is greater than the reference topic word divergence value. A normalized string is generated based on the phonetically corresponding normalized character-sets.

1459826012-731b0f37-5ce2-44c5-a4d4-0d5125f036de

A foregrip for a firearm may comprise a mounting device configured to attach to a mounting rail of a firearm and a grip body. The standard cells are disposed and routed on a layout area. Fuel and compressed air at an elevated temperature and at a constant pressure are delivered to a combustion chamber, the amount of air being chosen so that at least about 90% of the oxygen in the air is consumed during combustion. For example, the control parameter may be generated in dependence upon the program instruction being executed, the output signal value which is in error, the previous behavior of the circuit or in other ways.

1459826012-8cc2b15f-9917-440b-ab0d-533338799e5d

Methods and apparatus are provided that prevent or inhibit functional regression caused by the stromal remodeling resulting from epithelial or fibroblastic apoptosis or necrosis in patients who will undergo or have undergone a thermal ciliary muscle tendinoplasty or scleral collagen shrinkage procedures. When an exported file system is mounted onto a client, the client creates a file system ID structure for the exported file system, wherein the file system ID structure is populated with unique properties of the exported file system, and wherein the unique properties include a file system ID. The ball body is further slowed down by the unraveled cord scratching the floor. The first polarization plate has a pair of second short ends longer than the first short ends, a pair of second long ends, and a first absorption axis. The hairclip device can maintain a hairdo stably and can be easily removed from the user's head in order that the user can arrange different hairdos conveniently.

1459826012-a101b650-38f5-4a58-848f-7b138a4d47cc

A mounting element for receiving a sensor has a sensor receptacle having an essentially cylindrical or funnel-shaped geometry. The connecting wire has one end that is embedded in the housing. The start point of the first step part and the start point of the second step part are set at positions offset by a specified distance from each other. Pole shoes are formed at ends of the cheeks. In this way the value of the current ratio parameter can be varied to cancel a non-linear dependence on temperature of the bandgap voltage reference, thereby providing a curvature-compensated bandgap voltage reference. The device uses a groove or a keyway with a retaining band having a key portion disposed on the retaining band.

1459826012-c3c73288-4840-4d20-b9ab-337bf3debbsc1

An infant incubator in which the heater for heating the air circulated through the incubator and the speed of the fan which forces air across the heater to circulate through the incubator are controlled to increase the temperature of the heated air and delivery of the heated air to the space in which an infant has been placed for treatment when an access door of the incubator has been opened. The system includes a vessel containing a first fluid and an injection nozzle to inject a cooling fluid into the vessel. However, if the dosage form has been physically tampered with, the TPTA trap reduces or retards burst release of the drug from the dosage form. A pump

impeller is operatively mounted to the impeller shaft within the pump housing, the pump impeller rotatable to draw the coolant into the pump housing through the inlet opening and discharge the coolant at a higher pressure through the outlet opening. The top surface of the intermediate section defines the point, a small portion to the toe side of the point, a small portion to the heel side of the point, and the flangeways in the vicinity of the point. A metal loop antenna is installed along the peripheral contour of the folder and an electrical connection means electrically connects the loop antenna to an RF board of the main body.

1459826013-1b7af1a4-ca2d-4b48-a7a7-c7afeb72f5a0

The present invention relates to a method for electron beam lithography that consists of a combination of electron beam projection lithography and electron beam writing. The sound absorbing layer is composed of a honeycomb material and a layer obtained by filling spaces with a hard foam material. The container is returned to the source of ice following the predetermined pathway, remaining there until ice is needed at a location. The order injection system places orders for products contained within the universal shopping cart from affiliated and non-affiliated merchants.

1459826013-982365ef-6a4a-45f6-a87f-22d11d004db8

The present invention relates to an integrated structure for an optical refractor, and more particularly to an integrated structure between a circuit board and an optical refractor which enables exposing the light source after dismantling to facilitate replacement and maintenance thereof. In addition, provided is a highly reliable semiconductor device which has stable electric characteristics by using the oxide semiconductor film. A trigger signal contains information about the desired stimulus intensity level. The dough is sealed by exposing both sides to boiling water, having a temperature 180 F. The full-band capture cable receiver can overcome the constraints of conventional cable receiver systems and deliver multiple channels, thereby allowing operators to provide consumers with an increased number of services.

1459826013-c2f9ab96-9d5b-49fa-a057-1267e8b9c56d

The present invention concerns a process for the mass production of carbon nanotubes and particularly a process for selectively producing multiwalled carbon nanotubes. The impressions being able to interact with one or more tongues formed in the stopper. The method for preparing the amorphous asiatic tromethamine salt is easy and effective, and the water solubility and bioavailability of the asiatic tromethamine salt thus obtained are greatly compared with the prior art. The first and second protrusions extend longitudinally outwardly from an edge of the first end. The device includes: acquisition means for acquiring the frame images being the imaging results; estimation means for computing a first matrix of coordinates of a joint of the 3D body and a second matrix of coordinates of each of the parts of the 3D body, and generating a first motion vector; computing means for computing a second motion vector; and determination means for determining the 3D body.

1459826013-e8011a89-1b1b-4bce-b57f-739b5ed449b5

An three-way audio system that uses directional arrays for radiating mid-frequency acoustic energy and passive directional devices to radiate the high frequencies. The inventive compensation tank is integrated into a main cooling circuit, wherein a means for directly introducing the cooling fluid is arranged on the compensation tank between the input and output connections and the cooling fluid flow coming into the compensation tank runs directly from the input connection to the output connection by means of said directly introducing means. One region includes an overhead representation of an area and an interactive control overlaid onto the overhead representation. In case one RS is equipped, plural entries in the RS are divided into groups, and by dynamically changing this grouping according to the dispatch frequency of the instruction to the arithmetic pipelines or the held state of the instructions, the arithmetic pipelines are efficiently utilized. The data



can be processed into a valuation report by a separate valuation server.

1459826014-1acb51a8-a08b-4e6f-bacb-695937dbc61a

A semiconductor apparatus includes, below a high-voltage wiring, a p<sup>+</sup> diffusion layer in contact with an n drain buffer layer and a p<sup>+</sup> diffusion layer in contact with a p<sup>+</sup> diffusion layer for reducing the electric field strength in an insulator film, which the high-voltage wiring crosses over. Thus, the base boards can be securely locked in the base pad rigidly and stably, thereby preventing the base boards from being detached or loosened from the base pad. This first code tree is a combination of a channelization code sequence and a first scrambling code sequence. When the vehicle is stopped for the main unit to capture an image of a subject, the first and second locks fix the main unit to the vehicle. An LMS algorithm processing unit updates each tap coefficient of the adaptive filter by using the LMS algorithm. Arranged on the outside of the wall of the discharge vessel is an electrically conductive means that is limited with reference to the longitudinal axis to a subregion of the discharge vessel wall, for example a metal ring.

1459826014-50f92ebe-3d8f-4860-b143-664dbf8b09e1

Provided is a method of controlling a digital image processing apparatus such as a digital camera which can continuously photograph the same subject using various setting values stored in advance, and a digital image processing apparatus. A controller reads the power of an amplifier twice. The first punctured turbo codeword which is received in the relay is de-punctured and regenerated in a decoding operation and the regenerated turbo codeword is transmitted from the relay to the destination in punctured form after puncturing by a second puncturing operation. The outer cylinder 2 is made of the hoop member similarly to the inner cylinder 1. More specifically, the present invention relates to the use of agents which augment inner ear antioxidant defenses to prevent and/or reverse hearing loss induced by noise, toxins, or other stressors.

1459826014-cdfffb1e4-8c3a-4598-aa89-5c296e2946d8

Systems and methods for enforcing in-order execution of commands sent from a master device to a slave device, where it is not necessary to provide a data buffer to store data associated with commands that are delayed to enforce in-order execution. A sample of the pulp is formed into a sheet, and bleed-throughs are created from the contaminants therein by hot-pressing the sheet. A unit element is promoted during the sorting if a usage value associated with the unit element is less than the maximum allowable usage spread parameter value and the unit element was used in an immediately previous single-sample integration operation.

1459826014-d2c186a5-62be-4ef1-a2ab-905a34019f71

A method and system for determining a position for an interstitial diffuser for use in a multi-component display is disclosed. A unit cell of a fuel cell includes a cathode electrode having a gas diffusion layer and an electrode catalyst layer. A plurality of leads are respectively in contact with the interconnects in an area positioned on the elastic protrusion. An actuator with a ram operatively connected thereto is situated adjacent the elastomeric tube, and a reference surface is positioned generally opposite the ram such that the elastomeric tube is squeezable between the ram and the reference surface.

1459826015-538fdd1e-fee6-414f-8606-34e8c37a0b04

An electro-optical device is provided having a pixel portion with a novel structure, and in which display irregularities such as crosstalk, which develop due to a drop in voltage caused by the wiring resistance of electric current supply lines in an electro-optical device, are improved upon. The method is simple and fixes a first substrate and a flexible material layer together by forming a support layer on the first substrate and forming, through etching, a groove in the support layer and coating UV resin in the groove so as to obtain a flexible material layer

that is flat, operable, and not prone to deformation. A first bending threshold must be overcome in order to initially recognize a user's flex input as a valid flex input command. The continuous web is disposed upon at least a portion of the continuous belt. Finally, monitor unit 10 receives TDSSS 56, performs a comparison to a reference MDSSS signal 52 locks between MDSSS signal 52 and TDSSS signal 56 and outputs distance between monitor unit 10 and tracked unit 12 using several phase comparisons.

1459826016-4279fe54-f140-40ab-9ca0-ddcaa3123765

A method of operating a self-service checkout terminal located in a checkout area of a retail store includes the step of generating a payment-tendered control signal when a user of the self-service checkout terminal tenders payment for a number of items for purchase. An OP AMP includes a positive input connected to the VXnode and the negative input connected to the output thereof in a direct feedback loop. The invention also relates to crossing inbreds, varieties and hybrids containing the dwarf allele to produce novel types and varieties of dwarf cleome plants for ornamental purposes. The heat exchange element is a perforated metal plate and/or a heating resistance.

1459826016-59d7a3d4-1b1a-4f50-b12c-92f7d8879936

A method of fabricating an integrated circuit having reduced threshold voltage shift is provided. The package substrate is provided with a plurality of first contact pads linked in a first daisy chain pattern. The decoder decodes the n-bit display data, and sequentially outputs the decoded data to the latch circuits. Yet another mode comprises routing fluid from the first chambers of both cylinders into the second chambers of both cylinders. Each successive compartment is disposed around the preceding compartment and defines a respective gas flow channel having an inlet opening and an outlet opening at opposite ends.

1459826016-62a94d8e-1337-4599-a60b-63dcb286dd37

A fuel efficiency degradation amount displaying device detects a tire air pressure and calculates an amount of degradation of fuel efficiency of the vehicle compared to fuel efficiency in a case that the tire air pressure is appropriate. According to the invention, the air in the monitored rooms is fed to the first detector unit via a first pipe conduit and to the second detector unit via a second pipe conduit. An event manager is adapted to sequence the plurality of event signals.

1459826016-e3aaed0d-8340-4f0b-ac8f-adf64d476bd8

A communication apparatus which can prevent leakage of confidential information transferred over a network when a fault occurring in a communication device is analyzed. In particular, the present invention utilizes a barcode comprising one or more sizes of semiconductor nanocrystals having characteristic spectral emissions, to either track the location of a particular item of interest or to identify a particular item of interest. A silicon oxide comprising layer is formed over the silicon nitride comprising layer. Each mounting arm has an arm portion extending to a light bulb socket, and a harp. Whenever a predetermined event occurs, the controller distributes the strategic data to one or more of the other team members.

1459826017-62b8cc58-1b17-4ca9-b283-ffc805dc6003

An information processing apparatus includes a main body having an upper surface, and a display part which opens and closes with respect to the main body. The main assembly includes a main assembly electrical contact, first and second projections, main assembly positioning portions, and a force application member. In order, in a transportation or disassembly state of the master cylinder, to prevent the first pressure piston from being pressed excessively out of the bore, the second pressure piston is supported by means of a stop component counter to the actuating direction positively in the housing of the master cylinder. When a self discharge occurs by approach of a charged body in this halt period and an absolute value of current that flows through the resistance exceeds the first threshold value, the

electricity removal operation is initiated in which the high voltage is applied on the electrode needle to produce ions. A first error message corresponding to the multi-part identifier binding attempt having a highest score is outputted if no successful bindings occurred.

1459826017-6abbb345-2ebb-4c41-a07f-64732e7e1866

Single-edged wood chipper blades which can be repeatedly removed from a wood chipper and sharpened, as needed, to prevent the need for disposing of multiple conventional blades over a prolonged period of repeated use. In one embodiment, bond members project away from a surface of the microelectronic substrate to define a fill region or cavity between the surface of the microelectronic substrate and the bond members. The VSB reception system detects the required multiplexing information from the field synchronization signal or the supplemental data and decodes the multiplexed data by using the null sequence and the detected multiplexing information, as well as demultiplexes the multiplexed data into the MPEG data and the supplemental data. 1 or higher is formed at the interface between a semiconductor substrate and an alumina film.

1459826017-7aa98ba0-c051-4500-b882-314fbc043fe2

The principal object of this embodiment is to provide regular feedback about the packet losses from a receiver to a sender in a RTP based network, based on which the sender then decides to control its transmission rate resulting in better quality of experience for the receiver. The liner protects the cooling passage against corrosion, especially type II hot corrosion. 1 or higher, Ra is of 20-80 wt %, Rb is of 80-20 wt % and a sum of Ra and Rb makes up 50-100 wt % of the mixture. The main amplifier is connected in common to the plurality of pairs of local input/output lines for taking charge of the plurality of memory banks. This control unit itself predicts that a vehicle behind is about to impact its own vehicle, and controls the headrest actuating mechanism to move a seat headrest forward and thereby reduce the size of the gap between the headrest and the neck of the occupant of the seat.

1459826017-b096f1a3-efdd-4824-85c3-6d85317bb6c3

A stadium chair includes a frame for engaging a bleacher. A defect signature-based query is performed against system diagnostic data stored in one or more structured records. Each of the plurality of current balancing devices is configured to receive two currents and balance the two currents. Each of the plurality of network nodes are monitored to determine the frequency with which requests for the checking values assigned to a respective network node are directed to the respective network nodes. The DC-restored analog video signal is then provided to an Analog-to-Digital or AD converter 112 for conversion into a digital video signal. At least one main area of the suitcase shells is provided with an embedded cavity inside which at least one pocket is fixed via a base plate.

1459826018-033aa439-e37a-45f1-8f07-d5ba2dc82094

Cord organizers including a first shell, a second shell, and a spindle connecting the first shell and the second shell. An earpiece includes an electromechanical acoustic transducer having a diaphragm and for generating a sound by vibrating the diaphragm in response to an electric signal, a case on which a sound hole is provided and in which the electromechanical acoustic transducer is housed, and a holding member for holding the electromechanical acoustic transducer in the case. An air mover pushes ambient air downward through said cooling box from overhead of the work and across the heat exchangers.

1459826018-0b326313-b89c-45b5-806d-b5c5ab7ac347

An improved monaural and stereophonic headset is provided that allows subscribers to safely stow away an unused earpiece. In one embodiment, a cornice comprises a horizontal base unit having a face section, a top and a bottom, and one or more interchangeable decorative modules. By mounting the image-capturing apparatus with

the camera-side mounting surface and the holder-side mounting surface placed in contact with each other at the camera body using screws, the light-receiving surface is aligned with the image-forming position of the photographic lens. In an embodiment the reactor contains a lining that includes an oxidative catalyst. In addition, the output port may be unbalanced, and the input port may be balanced.

1459826018-5232620e-b4ed-48c3-b40e-1289a622d2ea

A plumbing tool includes an elongated hollow shaft and a resilient member attached to the shaft adjacent a shaft end. An analysis subsystem is configured to build classification models to perform on-line failure predictions. A void that is left between sidewalls of the first portion of the electrode over the ferroelectric film is then filled with fill material for a fill layer. The subset is matched with the data entered by the first person and unmatched entries highlighted. The receiving device is configured to encode all of the transaction ID in the responsive packet. For certain embodiments, an enhanced scanning request message may facilitate establishing a scanning cycle in the first RAT that aligns with a paging cycle of the second RAT.

1459826018-60655b72-520e-4d15-89be-b39666b3df58

A method of preparing a cured laminate employing electron beam radiation is provided. Even when there are variations in an input hand-written signature during the registration of the signature or during the authentication of the signature, the signature authentication device easily registers or authenticates the signature. In another aspect, coordination of benefit recovery entities access the data information exchange in order to perform recovery operations for the health plans, relating to health providers which rendered services to participants of the health plans.

1459826018-afe54fae-7481-467c-b565-99941464247d

The disclosure relates to a housing for an electric machine, for example, an electric power transformer, such as a dry-type transformer, with cooling channels being provided within the housing for a cooling medium. The entire unit is housed inside a blended set of athletic gloves and emits an electrical charge against an unwanted attacker. The central processing unit, the plurality of calculating subunits and the control unit are integrated on a single chip, the chip comprising a common supply current access for supplying the plurality of calculating subunits and the control unit with current.

1459826019-75132f9e-51f7-4f39-862b-99f33ed6269b

An apparatus and method for an X-ray dosimeter support, comprises of a material-poor support-layer, held by a frame elevated by at least one foot, comprising optimization for low back-scatter, high measurement-repeatability and ease of assembly and disassembly. The block repair device stores a block repair configuration that determines the dimensions of a repair block. These three abilities synergistically produce an automatic scheduling system that can enforce a wide variety of scheduling rules and requirements seen in actual staff scheduling situations. Separate parts of this duct are heated, in series, by the exhaust gas from the Stirling engine and the supplementary burner firing radially outwardly through the helical duct. This enables the inner conductor diameter to increase sufficiently to make the central hollow opening large enough to receive standard radioactive sources therein.

1459826019-b3976033-f8ea-42ca-b3ea-d58edb8e189e

To facilitate adjusting a bearing arrangement, particularly in a wind turbine, for different operating situations, the bearing arrangement has an adjusting device with which the bearing preload can be adjusted starting from a base preload. A transmitter inserts a user clock code containing a predetermined number of points into the digital video signal during TDM processing and transmits the digital video signal. The set of functional domains are associated with a set of ecosystems. A

nozzle-defect detecting device which detects a defeat of the operative suction nozzle is provided.

1459826019-f0c3e193-6c4d-47b7-b97d-d0f955465e1d

A method for encapsulating an optoelectronic component by depositing a diffusion barrier for protection against environmental influences by means of an atmospheric pressure plasma on at least one subarea of the surface of the optoelectronic component. Each of these node elements supplies features and options that facilitate peer-to-peer communications, data and service aggregation, propagated interfaces and distributed computational power. The flexible outlet membrane includes an outlet aperture and a sealing portion, and the sealing portion is movable between a closed position inhibiting fluid flow through the outlet aperture and an open position wherein the sealing portion displaces into the outlet port to permit fluid flow through the outlet aperture.

1459826019-fda0df1e-dac1-49b6-ab50-44181e73180a

According to the present invention, a method for integrating processes with a multi-faceted human centered interface is provided. The process generally involves the conversion of water insoluble components of biomass, such as hemicellulose, cellulose and lignin, to volatile C<sub>2</sub>+O<sub>1-2</sub> oxygenates, such as alcohols, ketones, cyclic ethers, esters, carboxylic acids, aldehydes, and mixtures thereof. A power source is in communication with a disconnect circuit of at least one of the battery pack system modules. Physiological data is taken from the received light.

1459826020-38bdc722-a0eb-4357-8d9e-756777a9d86f

A storage device contains a smart-card device and a memory device, both connected to a controller. Through the use of a computer system integrated with automatic individual animal identification multiple measurement and remeasurement systems with automatic data input and a cattle handling and sorting system, animals are individually identified and measured by weight, external dimensions and characteristics of internal body tissue. The lock mechanism includes a locking pawl which engages the strap teeth and an actuation strip which biases the pawl toward locking engagement with the strap. 0 with a physiologically tolerable acid. Each memory cell in the column is connected to a single one of the read bit lines. The data failure may occur on a host adapter, a device adapter, a communication fabric, a multi-processor, or another communication device.

1459826020-9c06fece-8f8e-4060-890d-ca0f1a368205

A device and method are provided for use with a noninvasive optical measurement system, such as a thermal gradient spectrometer, for improved determination of analyte concentrations within living tissue. The system includes a first mechanism for acquiring and analyzing image data from the sensor array. To allow the user to exit from such OIEs, that is, to change from a data entry mode to a navigation mode, multiple exit strategies may be simultaneously enabled for use by the user. Other embodiments are described and claimed.

1459826021-917fc0c1-bed3-4f5b-b53d-77fbfa4c6848

A method for coating vehicular radiators with an ozone depleting manganese oxide catalyst in slurry form utilizes a robotic arm with multiple spray heads for spraying the face of the radiator. More specifically, a polishing pad coated with compositions, which contain a capsulated abrasive, thereby used for planarizing interlayer insulating film formed on a semiconductor substrate by chemical mechanical polishing. The gaming system receives a wager, causes the reels to display a plurality of the symbols, and displays an object moving from the object starting area to one of the designated target areas and/or the object ending area along one of a plurality of object paths through the obstacles.

1459826021-cabab5ae-c18c-4dfd-bb58-2d8cd2f382f0

A drainpipe comprising a concentrating flow path to concentrate flow of fluid on an

inner wall of the pipe, which makes it possible to inhibit freezing of the fluid hydrodynamically without providing heat energy from outside, to thereby prevent blockage of the pipe. In the emboss-processing section, the upside and the downside of the target tape is detected based on the identifying information. In one embodiment, a variable frequency clock generator includes a phase modulator configured to form a variable frequency clock. The disclosed rate based traffic control system further requires each source end station to send one end to end control cell every time period T.

1459826022-2274d2c5-f212-4a59-9777-d5311256a1b6

The present invention provides a liquid crystal display having excellent visibility. The display element comprises opposed electrodes and an electrolyte containing silver or a compound containing silver in its chemical structure and a porous white scattered material provided between the opposed electrodes. A pair of inspection lands is provided on the substrate and connected to some of the inspection patterns. By decreasing or increasing trace width and spacing simultaneously, a constant differential impedance can be achieved.

1459826022-d0465d0f-6b62-4785-8af1-979ed8165fef

A rotary cutting tool includes a cutting tip having a cutting portion adapted to perform cutting operations on a workpiece and a threaded aperture defined therein generally opposite the cutting portion. In certain embodiments, more than two bondwires are coupled to an electrically common interface, wherein the bondwires are used for carrying a signal of the internal circuitry of the IC. The user equipment controls and activates the wireless radio frequency assistant to transform a first frequency of a radio frequency signal transmitted to the system of user equipment and the wireless radio frequency assistant to a second frequency. Within each chapter, images are ordered by time and grouped into clusters of related images.

1459826023-1d6220a5-ce4f-47b6-9fd7-839182efbdd6

Stimulating power line carrier injection with reactive oscillation comprises exciting a tank circuit to oscillate at the carrier frequency by sinking pulses of current between one node of a capacitor in the tank circuit and the other node of the capacitor. The plurality of data packets is examined to determine application requirements of an application of the wireless device. The center conductor is formed by first and second halves which mate within the axial bore of the dielectric.

1459826024-54915e5c-e4b7-4b47-b419-90da0fd762df

A cordless telephone system includes a base station operable to connect to an internet protocol network and at least one handset running a short messaging service application. The gap formation facilitating element is configured to render the sealing member to be a non-contact seal or to contact so that the contact pressure is approximately zero when the bearing assembly is in a rotating state. The system initially processes the database to reduce the number of cell and module records by combining hierarchically related cells and modules into larger cluster cells. In operation, braking is preferably initiated by the actuation of a brake master cylinder which provides hydraulic pressure to cause each rotating wheel with its corresponding hydraulic pump to engage. First and second segments of a segmented liquid inlet are in fluid communication with the first and second liquid feed channels, respectively. In the second mode, the locking member is in an intermediate position between the first and second positions and the trigger mechanism is freely allowed to articulate between the actuated and non-actuated positions.

1459826024-6e1ffe98-d373-4d53-aee1-db701fc78bb1

An apparatus and method of moving a mobile tower using solar power are disclosed for use with an irrigation system. Such system resources include, but are not

limited to, memory ranges, input-output register ranges, interrupt request lines and direct memory access channels. The lid covers the active surface of the semiconductor chip. The relative rotation is rotation which presses the control member against the control groove. The pair of generally opposed lateral sides are adapted to permit the initial flow stream of pressurized fluid to exit the housing in a pair of generally opposed diverted flow streams of pressurized fluid that are substantially perpendicular to the initial flow stream of pressurized fluid.

1459826025-0033bb6c-17d3-4c28-b462-c0920f3a322f

A process for the preparation of a dietetic milk jam having no sucrose and having the same organoleptic properties as traditional milk jam is formulated by addition of a solution of polydextrose at a pH of 6. The exclusive control section releases the exclusively secured logical and physical drives after the diagnostic section completes the diagnostic process for the physical drive. The polarizer disposed on the LCD device can greatly lower cost of the polarizer and the LCD device.

1459826025-956f298e-246e-4805-9759-ce9f5973a623

Process for the esterification of organic acids with alcohols in a reactor of the chromatographic type in which the heterogeneous solid phase is capable of acting both as an esterification catalyst and as a means exhibiting preferential adsorption towards one of the reaction products. Recording magnetic field leakage associated with the shield is thereby suppressed and corresponding far track interference is inhibited. Alternatively, it is accomplished by selectively varying the pattern of fill structures in different sections of a semiconductor wafer so that predetermined amounts of shallow trench isolation regions in the different sections are exposed. These timed data signals and termination signals from the timing circuit are applied to pull-up and pull-down circuitry, which drive respective pull-up and pull-down transistors coupled to the data bus terminals. The support extension extends between the face support and a back flange to define a lower cavity. The thicknesses of the first layers decrease from a side where the semiconductor chip is mounted toward a side where the organic substrate is connected.

1459826025-c63efbe6-ac5e-45e4-ac45-526590ec13dd

The present invention discloses an ultraviolet light curable lubricating composition and method for making such a composition that may be used to produce a lubricating layer. A wireless access device transmits the video signal to at least one mobile video device. Furthermore, it allows image data to be collected at either the alarm unit or the monitoring and control unit when an alarm condition is detected. With the object-oriented model, a system and method for storing and displaying data captured during a test run is implemented. The use of high-speed paths through the Internet allow wireless data communications across incompatible wireless standards.

1459826026-3ca296db-b6b7-4ba1-89cb-067504404bf1

A narrow-band single-photon source is disclosed, along with a QKD system using same. The inductor electrodes have bent shapes or curved shapes and a first end portion of the inductor electrodes is located in the vicinity of the central portion of the dielectric sheets, the middle portion thereof is located in the vicinity of the end portion of the dielectric sheets, and the second end portion thereof is located in the vicinity of the central portion of the dielectric sheets. A second laser beam, which is coaxial with the first laser beam, is irradiated to the thin-film in such a way as not to overlap with the first irradiated region, thereby forming a second irradiated region and a non-irradiated region.

1459826026-86782e39-4031-443c-8b48-32064f405353

The invention intends to solve a problem that an SI ratio of a signal from a target base station deteriorates when there is a terminal near another base station. Various embodiments additionally include one or more of the following: identifying

a group of sessions associated with the network element; and wherein the steps of identifying an applicable rule and initiating performance of the at least one action are performed for each session of the group of sessions. This filter is cleaned when the fluid flow is stopped, the filter collapses, and a force is applied to distort the flexible filter media to dislodge the built-up filter cake.

1459826026-c0e32aa2-3500-4bbc-bd4f-86bb0a81c4c7

A subject is disposed adjacent a linear detector array of a nuclear camera. The light collecting unit includes a lens exposed to outside light, and an optical leveling element. The terms provided by the player during game play are then collected, stored, and utilized to improve the performance of the search engine.

1459826027-69b42e17-98b3-4389-b3ad-004f0037d399

A mobile object apparatus is provided. The separable distribution rotor includes a first distribution rotor, a second distribution rotor, and an elastic member interposed between the first distribution rotor and the second distribution rotor. This is done after an event for a processor that triggers a legacy mode processor handling routine. The end portions extend from the body portion and gradually become wider than the body portion. One end of the control lever is in a fixed connection to the front seat, and the other end of the control lever is clamped by the two locating pieces.

1459826028-ae7b005c-4bf1-4680-832b-ba40127524eb

A cuvette for a spectrometric analysis instrument has two opposing windows made of a material, which is transparent to the light of the waveband used for the analysis. The chamber has a loading aperture equipped with closing doors through which the charging plates are loaded. After being used to pattern the polycrystalline silicon and silicon nitride, the anti-reflective coating is removed in a solution of hot phosphoric acid with the removal taking place before the silicon oxynitride is exposed to any elevated temperatures. Preferably, the displaying step is performed by displaying the retrieved programming information in overlaying relationship to the current program, and is discontinued upon the lapse of a prescribed time period. The device further includes a voice port coupled to the signaling conversion logic and configured to communicate selectively with the telephone station; and a data port configured to communicate selectively with the SIP client.

1459826029-4a753b1d-c030-4cbc-b99b-9fef4bf0a109

Embodiments of the invention include compositions and methods related to Maraba virus and their use as anti-cancer therapeutics. One embodiment includes a decoderdeserializer configured to receive an encoded serial digital signal, a ditherer configured to dither a least significant bit of each digital data word, and a reserializerencoder configured to serialize digital data and encode it, for example according to an applicable communication standard such as SMPTE 259M. The first microstructure and the second microstructure are a tetragonal crystal structure.

1459826029-81e0343e-7acc-4fc2-964a-999f1e354b61

A liquid cartridge includes an ink cartridge having a first housing portion for containing a liquid and a waste liquid storage cartridge having a second housing portion for containing a waste liquid, and a rewritable nonvolatile storage portion which stores a first threshold, a second threshold, liquid amount information and waste liquid amount information. Relatively simple and versatile methods are utilized to form the polymer nanocomposites. The bottom housing holds the nose of the cartridge in a concentric recess and holds the cartridge top centered by several radial protrusions in its mouth. The actuating assembly is operable to vibrate the window panel via vibration of the substantially rigid interface element relative to the vehicle structure. When the driving source rotates the driving rotor, the lock member is released from the held state to allow the driving rotor



to rotate the driven rotor relative to the housing. Such time code information may be inserted into a user data area of the picture layer of the encoded data stream.

1459826030-4828f712-421a-4675-a020-3788ab66ff75

An apparatus and method for testing a semiconductor device in an AC test regime. During a set mode, a first and second floating gate are programmed to different charge levels that are a function of an input set voltage capacitively coupled to the first floating gate during the set mode. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The odds of the occurrence of one or more subsequent events are determined based at least in part on one or more of the pair of cards selected for the house entity's hand and one or more of the pair of cards selected for the player's hand. The blades may have one or more holes of various sizes in one or more blades of each propeller, either in the distal portion or the proximal portion of the blades. The method of the present invention permits the high forces developed between the occlusal surfaces of opposing teeth when engaged to be utilized to create the applied pressure on the photo curable material.

1459826030-a2a8b2e7-6d26-4d0a-bb36-330403172867

There is provided a semiconductor device capable of reducing dispersion in electrical characteristics, preventing occurrence of bridge shortcircuit in a silicide process and operating at high operating speed and method for fabricating the same. The assemblies have small cross sections and low bend radii while maintaining acceptable attenuation losses. , free swell blood absorbence capacity and after load blood absorbence capacity of superabsorbent materials is enhanced by combining the superabsorbent materials with enhancing agents which serve to enhance the blood absorbent properties thereof. halogenated aromatic hydrocarbons and polar aprotic solvents, in a weight ratio of solv.

1459826030-bfbfb162-3ac1-48c8-89d1-0bc63d5b58c9

A magnetoresistive sensor system includes a plurality of chip carriers, such that each integrated circuit among the plurality of chip carriers is associated with a respective magnetoresistive sensing components. The stations are equidistant from each other. The die is formed at its surface with an opening.

1459826031-39b7e144-ed92-45b3-a6e7-efda823fa473

A vehicle, particularly a motor vehicle, has a flap, which automatically opens as a result of an opening command. Messages are collected from a client and sent to the gateway or backend application in one round trip. The interface further requests a first set of priorities corresponding to the first set of user contacts, wherein the notification system will attempt to provide notifications to the first set user contracts in an order based at least in part on the first set of priorities.

1459826031-4f7b7e0e-7c0f-4216-b878-6ba3da20987a

A system for monitoring strain as an indicator of biological conditions, such as spinal fusion, glucose levels, spinal loading, and heart rate. The screen processing unit executes screen processing for an image to be processed. The primary storage node communicates the missing data strip to the secondary storage node, which writes the missing strip data to an outstanding strip log.

1459826031-a0ac9ba1-9545-44a3-9810-ab35c268ef85

The invention is a method and apparatus for purging an oxidant or residual fuel by controlled oxidation within a closed loop system. The calibration method is used for calibrating the optical touch display, and the optical touch display has a plurality of image detecting sensors. An audio signal is converted into a stream of audio packets and sent hop by hop to the different routers in the network having the loopback interface.

1459826031-b0580429-d486-42b7-aa68-520de86e779c

An apparatus for inspecting warpage of a sheet-like member includes a conveyance device for conveying a glass substrate in a substantially horizontal attitude and a non-contact displacement meter for measuring a distance to a surface of the glass substrate. The catheter transducer may comprise an intra-vascular, intra-cardiac or other transducer for insertion into or through a small space. These results are utilized by a multivariable linear controller to achieve nonlinear control of the subject process.

1459826032-6906b16a-4288-4e25-ac29-9b43b083ec6d

The present invention relates to a simple fuel vent assembly for use in inboard and outboard fuel tanks for marine vessels. Other embodiments are described and claimed. The attachment system of the present invention allows for simple and efficient connection between individual rigid holders.

1459826032-740fdf47-f9d2-4919-a290-63c0b988f29e

A wireless power transmission system for use in a mobile asset comprising a host transmitter for providing at least one of a microwave or a lightwave energy signal, a receiver configured to receive said signal, a converter for converting said signal to a storable energy form, and a controller to control the transfer of storable energy from said converter to at least one energy storage device. The dental capsule comprises a body portion, a transition portion and a discharge portion. The assembly presumes that there is some sort of baffle above the fire directing the flames to the front and a non-airtight glass door. The processed portion of the particular incoming stream is transferred to the selected processor. If the authentication is validated, then the programmable memory circuitry is unlocked on the next boot of the system to allow for reprogramming. New data can be written by applying a write voltage across the two terminals of the memory element.

1459826032-785fa07b-2f66-47ba-a318-6bfd04db0ad2

An improved gripping arm assembly including a two-piece gripper arm body construction which includes an arm clamp having alignment pins, and an arm main body with corresponding alignment holes for receiving the clamp pins, and a means for securably attaching the main body with the clamp. A second antenna element is placed at such a position where resonance arises at a frequency band of a first antenna element and connected to a ground pattern of a circuit board by way of an antenna grounding unit connected exclusively to a radio system unit. The unique system identifier is associated with the digital assets to generate digital assets entitlement data. The second portion physically receives at least a portion of the battery pack. An average pore size of the ePTFE is not less than 0.

1459826033-bed77e92-b0ed-4fdc-b373-d23ca7ca3d2e

According to one embodiment, a nonvolatile memory includes a memory cell array having a plurality of memory cells configured to store 3-bit data corresponding to first to third pages. 7 \u03bcm to 3 \u03bcm and a shape factor of at least 60. If every Transmission Time Interval has padding bits, the UE may send the scheduling request signaling to Node B in every TTI. The biometric analysis unit is also for providing match data that is indicative of whether a match exists and whether the match is above a certain correlation threshold. The table can be accessed by the storage system to reduce the amount of time spent locating the records. The optical component is sealed by a sealing member made of a resin.

1459826033-c580afa8-eab7-493f-9bea-199428ae3481

In an embodiment, a water containment barrier may include a hollow body at least partially defined by a front wall, a back wall, a top portion, a bottom portion, a first end, and a second end. The cryptographic algorithm may be an ECDSA signature, SHA-based Message Authentication Code or any other cryptographic algorithm. A second IPO layer and a polysilicon layer are then formed on the substrate and are etched to form a conductive wire and a top electrode plate thereafter. Each mattress clip includes elongated openings through which bolts are passed for

reception in aligned openings of the thigh support to permit limited transverse adjustment of the mattress clips.

1459826034-a2d100b6-7ddc-493e-9474-050caf9d22c1

This tolerance ring, which is for a torque transmission device, preferably has a ring body that comprises an elastic plate and is roughly a hollow cylindrical shape having a pair of edges that extend in the axial direction. An energy storage device and a bidirectional converter coupling the energy storage device to the power converter are also provided in the system. The method includes adhering a large glass substrate to approximately an entire surface of the large substrate opposite to a surface to which the second substrates are bonded; and cutting both the large substrate and the large glass substrate into first substrate units. The method automatically detects and monitors dispensing events, including detecting the type and amount of liquid, reconciling dispensing events with register ring-ups recording information, saving video specific to the dispensing event, and sending a page indicating anomalies. The icon display unit stationarily displays the icons representing display objects located farther than the predefined distance from the current location and movably displays an icon representing a display object located within the predefined distance so that the icon moves towards the current location in accordance with the movement of the current location. The flange has a pair of right and left flange bodies, bridges for joining the flange bodies, and an opening portion formed at the center portion thereof.

1459826034-d4723e0c-77c3-4048-8137-0941e5612a17

A security attachment device can be used to securely attach a license plate to an automobile. The core circuit includes at least one real input for receiving scan-in data for controlling operation of the core circuit. The mixing chamber has a mixer to allow it to form a homogeneous mix of the individual compositions.

1459826034-f6b63b02-288a-4cfe-aed9-f63f3f2d5377

Eyewear includes two ends portion and a frame having a bridge. in the heating chamber followed by irradiating the silicon film with laser light so that a silicon film having a single crystal or a silicon film that can be regarded as the single crystal can be obtained. An electrode paste is coated in a predetermine pattern on the thus-produced ceramic green sheet to form a sheet provided with an electrode.

1459826035-1c9c3da9-fd51-41f5-855f-974f7a15f4c9

A biodegradable polymer is disclosed having the composition g) from 8 to 80% by weight of a starch modified to include an hydroxyalkyl C2-6 group or modified by reaction with an anhydride of a dicarboxylic acid, preferably hydroxypropylated high amylose starch, a) from 0 to 87. The timefrequency map is further characterized by marking frequency bands with ingress level above a predetermined threshold with a \u201c1\u201d. A converter 120 is between the first battery 12 and the second battery 13.

1459826035-8270b99b-2543-49ef-a17d-bd0718128535

An electronic lock box contains a secure compartment for storing keys to a structure. Vaccines incorporating the immunovariant strain are effective in eliciting immunological protection against coccidial infection. Multiple light sources at different incidence and/or orientation angles apply light on the test surface, and scattered light is converted into signals and then analyzed. The changing device can be arranged and moved into a position with respect to the light-emitting diode and the fiber entry end such that the entry end of the light-guide element lies opposite the light-emitting diode and the exit end of the light-guide element lies opposite the fiber entry end. The mobile tag communicates with the communications facility using randomly scheduled communications each including a status message.

1459826035-8bb21b5d-e458-4a3c-aac4-338c6023627d

Starting and ending of a task is detected, where thread pooling is employed. The support structure includes two suspension members supporting the foils along the respective side edges, and each support member has several support elements interconnected by hinges and in sliding cooperation with the foils. The invention is comprised of a common ophthalmologic lens and a yellow pigment that absorbs short wavelengths of light of 350500 nm, both appropriate for use in humans. The double hinges include axial cams that apply a holding torque in the open position that resists the first and second housings closing.

1459826035-d000737d-eae1-4ec9-9418-ffd7870741d1

The present invention is a self-aligning walking aid that is suitable for use walking on level surfaces and for ascending and descending stairs. Accordingly, they devised systems, methods, and software that facilitate online access to documents, such as non-opinion legal documents, in context of a legal workflow. The method includes forming a high dielectric constant layer on a semiconductor layer. The other loop may be removably attached to a pole on the back of a chair and can also include a first portion of the connector. The first retaining seat has a first opening, and the second retaining seat has a second opening.

1459826036-a0e69572-c149-4d44-83dd-624a5963241b

Edible WO-emulsion spread of which the fat phase comprises a vegetable hardstock fat, which hardstock fat contains at least 5 wt. A flat base supports a supine patient's head. The remote server performs a database search based upon the requested information and caches the results of the database search in a local storage device. Those LLRs associated with noise-affected portions of the signal are handled differently than LLRs associated with portions of the signal that are not noise-affected.

1459826036-de6bf0f9-d217-4fdc-960f-0fe2c956eeda

A parking brake especially for an automotive automatic gearbox or an automotive automated manual gearbox. Feed rollers for feeding a wire are rotatably mounted on the upper and lower tables. The projection part can be integrally formed at a front end of the transferred medium. After attracting the attention of the subjects by playing back a recorded audio sound, an image may be automatically captured. An object oriented computer system having multiple participants is disclosed that utilizes a communications bus for sharing data between the multiple participants.

1459826037-a98526bc-700a-4b57-aedd-5a7c4c1a6695

A bat having a handle portion, a transition portion attached to the handle portion, and a barrel portion attached to the transition portion. A correlation system uses both a taxonomy distance metric and a term space distance metric to represent the similarity between categories. After a predetermined period of time, second information indicative of instability of the first portion is obtained. A coordinate detection unit detects a coordinate value of a position where the light beams are interrupted based on intensity distributions detected by the intensity distribution detection units. At least either of the base guide portions and the cover guide portions have projection portions that bring both of them mutually into a press-fitted relation in a cable connected state. Preferred compounds are 3-pyridyl ethers.

1459826037-b18a11da-9ba2-478f-a2db-2a276d397ce7

A delay section delays a detected signal by less than one bit time in the NRZ data. The microstructure of the web is controlled so as to facilitate throughdrying. Pulling the motion arm and leaning back to the straight standing position contracts the abs. The object contacts the adhesive side of the label portion to apply the label portion to the object. A parameter for local meshes divided from the basis meshes is determined. In this case, the method includes the step of sending another message containing an executable code for the reactivation of the modules, this executable code having an inverted function to that of the executable code used for

the deactivation of the security modules.

1459826037-f2fdc859-1897-493b-88ed-ae1f6805d9a5

Described is a system and method that separates a managed code runtime library or program into four parts, comprising a header, resources, metadata and method implementations. The pivoting lever is part of the mechanism used to lock the plug to a jack of electronic devices or other terminal housings. A gate mask having a spacer-shape is formed on the control gate layer. The fluid output of the steering pump is compared with the fluid output of the powered pump and the powered pump is operated so that the output of the powered pump is commensurate with output of the steering pump.

1459826037-fc6cee42-b5fc-4eb0-9095-00fe42fcadee

Some embodiments provide an application for retrieving, tagging, analyzing, and delivering content. The social network is represented as a graph structure and stored in distributed memory. The fruit grows in large tight clusters, the vines have medium vigor, and the plants are healthy. The bonus may include a fixed or variable number of additional turns.

1459826038-3ffe9cc0-7135-4136-84b4-dee75c331515

A method for extracting and matching gesture features of image is disclosed. The TSV repair circuit includes a first chip, at least one second chip, at least two TSVs, at least two data path circuits, and an output logic circuit. Statistical IDDQ values are measured in increments of the test vectors, and first array data is created including identifiers for the test vectors and the statistical IDDQs as elements.

1459826038-776f224d-ff2f-4f06-b9e8-4a5aa78c89b1

A display mode switching device and method automatically switches a display mode of a television set to an overscan mode or to an underscan mode depending on a content of a screen. A first processor core of a plurality of processor cores of a computing device may be transitioned to a shielded state, in which no new tasks are to be assigned to the first processor core and tasks already assigned to the first processor core are executed to completion, in response to a determination that a criterion has been met. The present application further relates to a method of identifying an object in an image using a keypoint descriptor; and processing apparatus and computer program products for implementing a method of the present application.

1459826038-90242077-3b9c-49bf-be02-8a6837571978

A method of mounting an accelerometer to an internal combustion engine comprises securing the accelerometer to a mating surface on an engine component external to a combustion chamber where the accelerometer can generate a signal output that is characteristic of engine knock, when it occurs, and at least one other combustion behavior inside the combustion chamber during a combustion event. Preferably the universal tint paste is 100% solids and substantially free of any solvents. The electron emission portion emits electrons in response to a voltage difference between the first driving electrode and the second driving electrode. Social networking communication data of the user is extracted from the social networking site. An intent log is maintained of all data and metadata modifying transactions, which is then relayed either asynchronously or from a last known consistent checkpoint to a requested checkpoint thereby rendering the requested checkpoint data and metadata consistent.

1459826038-939ecf46-b84d-4bb0-a66d-67467dba776e

A process for forming a polycrystalline silicon layer includes the following steps. A plurality of tuples is received via a data stream, whereupon the data stream is determined to be invalid based on at least one tuple in the plurality of tuples. The mounting hub is fixedly coupled to one of the first and second housing

portions.

1459826039-4221896a-975b-4606-8baf-6f6a77f07407

Power dissipation of a semiconductor integrated circuit chip is reduced when it is operated at an operating voltage of 2. The ventilator 11 is allocated to its own ventilator housing 18 that is connected to the dedusting device housing 10 and has a muffler 20 inserted downstream. When the male luer is engaged with any standard female luer, a female luer connector device drives the resilient member of the male luer into a compressed position to open the forward end of the male luer and permit liquid flow between the luers.

1459826039-afc8b845-e174-4808-b725-ce875d7330a5

A new and distinct Chrysanthemum plant cultivar is disclosed, characterized by a decorative-type inflorescence, consistent flowering response to short days, blooming consistently after 49 days of short day length, free branching habit, light pink ray florets, a very uniform round growth habit, and a large quantity of blooms per flowering branch. The trapping device includes a permanent magnet and a cooperating soft iron member which together form an L-shaped configuration relative to each other, with the magnet extending axially relative to the rotation of the wheel and the soft iron member extending radially, or vice versa. The at least one mounting feature may be configured to couple the retainer to a card. Alternatively, the well may be configured to contain a fluid having an identity calculated to affect the crystallization process. A process for monitoring a urea solution in a tank of a motor vehicle is also provided. The controlled release block copolymers comprise least two blocks selected from the group consisting of polyesters, polyethers, and polyurethanes.

1459826039-ea6ef85d-9edb-4247-a03e-654901379632

An electrical connector system for mitigating corrosion and maintaining an internal environment conducive for connectivity and the protection of internal electrical contacts is disclosed. The method comprises a step of placing the casing containing the bundle in a vertical position, the lateral opening of the casing being disposed toward the bottom, and sealing the lower end of the casing. The air supply duct is preferably comprised of a double-fluted distributor pipe leading to one of the transverse ducts. Further, parallel implementation of thermal process and adhesion enhancement process exerts no influence on throughput. Increased doses of dopant simply reduce the substrate resistance with no effect on junction depth. Control devices are provided in the form of a state machine to control the generation of the internal clock through the switching device and to control the clock request generation device in accordance with a predetermined state of two signals, one generated internally by the device, the other by the external clock controller.

1459826040-3b6f9d0f-6092-4709-ad9e-17cef1425ff2

An apparatus and method for removing cuttings in a deviated borehole using drilling fluids. The display device is installed at the back of a face panel on a host computer, comprising a dial meter and a signal detection circuit, wherein the output of the signal detection circuit is connected to the dial meter and the input is connected to a specific hardware component inside the host computer to receive signal outputs from specific hardware components. The vendor then notifies the delivery agent to make the delivery. Upon completion of the transaction, the call agent asks the caller to take part in the survey and seeks permission of the caller to use the caller's caller identification information in the survey. The strips are also oriented in the lid so that they are substantially vertical when the device is in the tilted position thereby enhancing a condition for proper capillarity.

1459826040-6046e050-edd4-480d-9ccd-be445405a3f8

A method of manufacturing footwear includes providing a modular forepart and a modular rearpart, overlapping these parts along an overlap margin a preselected distance, and permanently joining the parts to selectively manufacture footwear of

at least two different sizes, for example, a full size or a half size or some other partial size. The subscriber-based system acts as an electronic repository to ensure that data files remain intact, secure, and unaltered from their original form. A configuration file having one or more macros included may be stored at a TFTP server. The plate is integrally formed of an extruded polymeric material. In response to either determination, another pre-started job is determined in which to perform the task.

1459826040-86a820f6-2a88-4ade-a970-9e7948ec03e6

An element is inserted between the upper edge of a wallboard and a fluted ceiling. The system includes a power transmitter and a plurality of power harvesters or receivers. The carrier may include a high-speed portion to assure high-frequency connection between the semiconductor chips and may also include an internal capacitor and/or thermally conductive member for enhanced operational capabilities. The second chamber interior is in fluid isolation from the first chamber interior. The lip holders of the corner bracket assemblies receive the connecting lips of the panels. The cage is linked to a vertebral spacer for artificial vertebrae by means of bone fusion to prevent vertebral sinking or slipping of the vertebral spacer and to improve bone fusion efficiency.

1459826041-28b48a07-d2d6-4294-a62b-8fbdb5aed9de

A method of strengthening glass plate is provided. The compounds are useful in the treatment of diseases and disorders where RTK activity is implicated such as a hyperproliferative diseases. The first processing water stream is supplied back into the treatment step and the second processing water stream is subjected to a chemical-physical clarification. The polyisocyanate mixture includes a polyisocyanate compound having two or more isocyanate groups or a urethane prepolymer having two or more isocyanate groups. In contrast, when the pressure adjustment assembly is oriented in the stop position, the axial compression pressure is substantially reproduced at the calibrated operating pressure, PC.

1459826041-5cf78dfa-e49a-4c26-898a-91f1acd9b457

The present invention provides cement compositions that comprise water, high alumina cement, a soluble phosphate, and cement kiln dust. In a memory read control circuit, burst length is changed based on whether or not a read instruction is issued at a cycle after a cycle at which a read instruction R is issued. Five upper electrode layers are formed on the lower surface of the fixed substrate so as to oppose the lower electrodes. The output shafts may be enclosed within pivotable housings.

1459826041-6e34cf21-6a31-4825-9b37-3508365f65cd

A torque wrench for implantable medical devices is disclosed. Prior to distributing a product to consumers, a manufacturer may affix a reactive tag to the item for gathering consumer feedback about the product. The GSSI bit slice includes balanced cells and bit delay elements, and may be placed either within or close to I/O buffers. On the other hand, the command decoder 108 can disable the specific command, for example, when a user uses the device 101, thereby preventing the specific command from being executed even when the specific command is erroneously issued.

1459826041-e23c40e4-2565-43ff-a857-37e07ecc53b5

The invention includes a method for placement of sidelobe inhibitors on a radiation-patterning tool. The bearing segment is provided with at least two flights having a sectional shape of a complete meshing type with one streak in the axial direction, the flights are arranged in the rotational direction with uniformly displacing a phase thereof respectively, and length of the flights in the axial direction is set to 0. Grooves extend forward from the rear of the planar portion and a part of the planar portion before the groove defines a deflection support of the lock arm. Moreover, it is unnecessary to fix the deodorant and easy

to compound with the absorbent article. Insertion of the apparatus into the EDP interfaces automatically triggers the execution of the embedded software for auto loading of the necessary code to control the transfer of the data directly from one EDP to the other. Unlike the known method translation techniques that work only with the constant pressure gas chromatographic analyses, the invention can translate the gas chromatographic methods where column pressure and/or carrier gas flow rate change during the analysis by an arbitrary program.

1459826041-e8b31237-bdd5-45b4-af21-85357a4e1c5e

A base station apparatus is disclosed for use in a mobile communication system including multiple cells having multiple sectors. A coated composite substrate is prepared in the press by applying a layer of a primer coating composition to the surface of a compressible mat comprising fibers and/or particles and a resin binder. The defocusing system is configured to modify optical power of either the transmitted portion or reflected portion of the collected light. The contrasted sheet is analyzed to determine the quantity of contaminants that create bleed-throughs. The data attributes are associated with corresponding structured data elements of the accepted hierarchical textual file. The second resistor has a resistance sized for controlling a trigger voltage of the parasitic NPN bipolar junction transistor for protecting a gate oxide layer of the NMOS pull-down transistor from an electrostatic discharge.

1459826042-04756fcd-2710-4d4a-ba5a-9a1de22586be

A new cultivar of Hebe, 'Frozen Flame', characterized by its vigorous growth habit, its narrow, variegated foliage with green-gray centers and white margins that is suffused with purple in cool temperatures in spring, and its free flowering habit with racemes of lavender flowers for 6 to 8 weeks in mid summer into autumn. A defect portion is formed at an area corresponding to a corner solder ball disposed at an outer peripheral corner, or at an area corresponding to the corner solder ball and peripheral solder balls at the inner conductive layer. Once cemented, the casing strings are released and moved upwardly, where the securement arrangement clamps the hangers into position, thus creating an axial load on the casing strings while also preventing movement in the upward and downward longitudinal directions. The method includes designing the plurality of gates in a regular and repeating alignment along a same direction, and each of the plurality of gates are designed to have dielectric spacers. A request for dynamic group memberships of the entry is sent to the server. Cylindrical ring couplers are formed by extruding a strip having a coupler cross-sectional profile, cutting a length of the strip and fusing the ends at a joint.

1459826042-cc09c0d1-375b-4127-91e9-088b3e8e7d43

An electrostatic chuck comprises a dielectric ceramic layer made of an alumina sintered body having a volume resistivity equal to or greater than about  $1 \times 10^{17} \Omega \cdot \text{cm}$  at room temperature and a volume resistivity equal to or greater than about  $1 \times 10^{14} \Omega \cdot \text{cm}$  at 300°C. The method includes detecting and monitoring by a computing system, a frequency signal associated with an input voltage signal used for powering computing apparatuses at a specified location. The discount or special price is granted upon a purchase of the item by the identified consumer prior to the withdrawal or termination of the promotion to the identified consumer. % of a bonding agent, about 20 vol.

1459826042-d3526b5c-6395-45b0-b7cd-5de395b740da

An electrostatic-writing mechanism for an image-formation device having an optical photoconductor mechanism of one embodiment of the invention is disclosed that includes a light source and an array of micromirror devices. Then evaluating a credit rating for the buyer and passing over the Internet the credit rating to a seller, and then receiving over the Internet from the seller seller's credit options for the buyer. The properties of the interconnection network are preserved during each recursion to thereby configure the massive switching fabric from



scalable circuitry.

1459826042-df00b779-4117-422b-abe7-03ab608a7157

An approach is provided for mounting individual wires from multi-wire cables onto circuit boards. The technique creates a sandwich structure with a weakened region at a selected depth underneath the surface. Electrical contacts are assigned to the semiconductor chip and serve to establish an electrical connection to electrodes provided on a printed circuit board. The typical inline compensator of the present invention is self-contained and compact enough to fit in the limited space available on a floating drilling structure. The rolling members are movable from an engaged position with the clutch members to an override position.

1459826043-a76e044b-2398-49c0-acdb-f0a9babeeaa3f

A cloud computing environment provides the ability to deploy a web application that has been developed using one of a plurality of application frameworks and is configured to execute within one of a plurality of runtime environments. The method includes forming a buried N layer overlying a substrate, and forming a monocrystalline layer overlying the buried N layer. For cells derived from animals or humans, or human or animal sperm and/or ovum and/or fermented ovum, the preservation is conducted at a temperature at which to start freezing to  $-196^{\circ}\text{C}$ . The vector is supplied to a two-dimensional inverse Fourier transformation as the input variable. The hard mask layer is polished down to the surface of the spacer layer, leaving the hard mask layer in place overlying the spacer layer inside the opening created in the sacrificial layer. The semiconductor substrate includes one or more vias having conductive material formed therein and which extend from an active surface to a back surface of the semiconductor substrate.

1459826043-b34db4ad-5e2f-4b21-851e-5b559dfd1301

The present invention is generally directed towards an air induction system in a motor vehicle and more specifically to a methane storage device connectable to the air induction system. Thus, a bidirectional current flowing in the bidirectional main switch for cutting off an excessive charge current and an excessive discharge current of a battery E can be detected by a simple circuit with low power losses and a high accuracy. To achieve compliance with foundry rules, the electrical element is fabricated to include a non-conducting region that negligibly effects the electrical characteristics. The color manager further comprises a driver operatively associated with the luminaire, the converter and current selector and arranged to drive the luminaire in accordance with the driving current level as selected by the selector. A towing vehicle protection valve is integrated into the parking brake modulator, and a compressed air line to the compressed air control outlet is automatically blockable when the reservoir pressure made available for the trailer falls below a predetermined threshold value. The LEDs and the substrate of the LED light bar are arranged in a plurality of sections to correspond to a predetermined backlight scanning arrangement.

1459826044-98002264-4c65-4e95-ad85-e44ed32152a0

An intermediary system that seamlessly evolves the 2G2. The airfoil may include a first compliant region positioned between an inboard section and a first outboard section and may include a second compliant region between a second outboard section and the inboard section. A plurality of communication-related functions are mapped into a corresponding plurality of regions of cells, and local instruction memory is configured to store program instructions for implementing all or a part of the associated function. By the above-described structure, ON characteristics when the gate is turned on can be improved while suppressing the elevation of the forward voltage  $V_f$  and the recovery current of the diodes. An apparatus comprising a substrate having a dimension suitable as a medical or dental implant and a coating on a surface of a first coating layer derived from an alkoxide and a second coating layer that promotes osseointegration.

1459826044-bf84835f-36e9-4ed1-941c-326011c2f424

A method for manufacturing a semiconductor device is provided. The stator may be comprised of either a typical three-phase winding, or a series of magnetic actuators arranged in a toroid for which the rotor band acts as a continuous armature. The loosely coupled inductors allow manipulation of the LC tank circuit of one of the oscillators to increase the bandwidth of the other oscillator, and vice versa. In use with a pneumatic power tool, the outer sleeve member is securely held against the tool by way of coupling the conventional gas line assembly, placed within the inner sleeve member, to the conventional pressurized gas line connection of the tool. So that differently thick print media, especially label courses, can be printed with little wear on the printing head, the invention provides that the pressure beam is made liftable and lowerable. This invention further relates to methods for producing maize varieties derived from maize variety 10914980.

1459826044-f29d4076-5e65-4c8c-b4df-6549012c9e3f

Methods and apparatuses that enable memory devices to inform graphical processing systems about the results of WRITE de-skew training. A voltage equal to or higher than a withstand voltage is hardly applied to the piezoelectricelectrostrictive body, and consequently, the sensor is prevented from dielectric breakdown. A top cover is mounted to the adjustment plates and has multiple guide holes, the nozzles extend through the guide holes.

1459826045-155d9b2a-7131-4465-bb71-e1c1218a1424

An illumination poi is provided, comprising light emitters and light waveguides optically coupled to the light emitters. The rotor blade may generally include a shell having a pressure side and a suction side. The database models all the major objects in TAPI telephonestatic line, static phone, static addresses, open lines, open phones, open addresses, calls and request Ids.

1459826045-60f741fc-61b7-4756-834c-d351594e226d

Fixing device for railway rails, including a ribbed plate which supports the rail, is to be fixed on a rail substructure, and has ribs between which the rail is accommodated with its rail base, with the ribbed plate being a drawn sheet member. The main tubular body identifies at least one balloon. The coaxial cable also has an inner conductor having an end that extends longitudinally outwardly from the end of the shield conductor. This enhances the accuracy of the learned electric mileage, thus accurately calculating a possible EV running distance.

1459826045-9c11cdee-fe14-4c4b-b658-9dcc8ab3f1cb

A discrete rotor position estimation method for a synchronized reluctance motor is provided. The cutter elements, the ends of which directly contact and cut through rock and other materials, have tapered contact structure ends which are flatter than those known to the prior art, obtaining increased durability. The valve system may comprise a common rail fuel injector, electrohydraulic actuator system, electronically-controlled fuel injector, gasoline port injector, fluid metering valve, relief valve, reducing valve, direct valve or direct-injection gasoline injector. The capacitor includes the pixel electrode and a second multilayer film overlapping with the pixel electrode, positioned at a predetermined distance from the pixel electrode, and having the same layer structure as the first multilayer film. The method still further comprises assigning a visual indicator to the location data point based on the EP parameter value associated with the identified point and in accordance with a visualization scheme corresponding to the EP parameter.

1459826046-0be673a8-1b2e-4ffa-877f-73970ebd3876

Therapeutic composition having anti-infective activity. The storage medium comprises a plurality of separated electrically conductive charge-storing elements on its surface. The first position locks the table to the miter saw and the second

position permits rotation of the table.

1459826046-4be80f67-5a33-42f0-b7a4-b7fe8ed47973

A water-dilutable epoxy resin composition ABC of an epoxy resin AB and an emulsifier C, a process for its preparation, and a method of use thereof to make elastic coating films that impart good corrosion resistance even in thin layers. The device comprises at least one sensor providing an output signal, the sensor being responsive to body movements of the sportsman. The handle allows simplified construction, reduced costs, and increased user safety. The conveyor enables loading and unloading of the dolly on the first side of the trailer and on the second side of the trailer. This can make it easier to be manufactured, reduces the cost, and decreases environmental pollution. 5 at a temperature ranging from 5 to 80 C.

1459826046-5de54dfd-1847-40e1-a732-18f82e4f18a8

A lamp driving apparatus includes a controller, generating a control signal for lighting at least one of plural sets of lamps, each set having at least a first lamp and a second lamp, and generating a switching signal; and a lamp driver, supplying power to the at least one of sets of lamps in accordance with both of the control signal and the switching signal. The temporary memory stores one or more rendering instructions and rendered results therefor in association with each other. Returned ultrasound is sensed by an FBG sensor. At least one probe is arranged to measure the clearance between blade tips and stator lining.

1459826047-200a93e5-c14d-4d36-83e7-c7d02f3f0613

Methods of controlling calcium intake and phosphate metabolism and metabolic acidosis in patients suffering from renal failure and associated hyperphosphatemia or patients predisposed to development of a hyperphosphatemic condition are provided. An integrated circuit includes configuration memory cells coupled to a hard macro via configuration registers. The identifications of the goods and the electronic addresses for the corresponding hangers are associated with each other and stored on a computer database. Voltages applied between the X and Y electrodes and between the A and Y electrodes at the trailing edge of the ramp waveform are denoted by VXY and VAY, respectively. The storage node oxide is in a peripheral region over the semiconductor substrate.

1459826047-74a3d811-f37f-4a5e-8e20-03f9fd0c35df

An electrical connector includes an insulative housing and a plurality of contact modules received in the insulative housing. A base of the transistor is connected directly to one contact of the winding, and a second contact of the winding is capable of shifting a voltage of the base of the transistor. The method involves applying a first soft erase pulse on the first electrodes of the plurality of display units to reduce the wall charges of the plurality of the display units followed by applying a soft priming pulse on the second electrodes of the plurality of display units to re-generate the wall charges of the plurality of display units. The plurality of through-holes of the first layer may at least partially be aligned with the plurality of through-holes of the first conducting layer and the plurality through-holes of the second conducting layer. The access node transmits the QoS neighbor list to a subset of the access terminals. A side of the manifold having the outlet is engageable against a face of a bearing house.

1459826047-bdecd8a7-aef7-4dad-a7c2-764b0b153b63

An apparatus for mounting and arranging a plurality of flat panel video display assemblies. The source and reception signals are separately subjected to preprocessing 2 and psychoacoustic modelling 3. A card-type medium can be detachably attached to the card slot that is exposed, and with respect to the card slot that is not exposed, the attaching and removing operations of a card-type medium are restricted.

1459826048-088f3db7-606c-4762-8043-290aa66848e9

The present invention relates to novel arylpyrrolines having the formula and their use as insecticides, as well as to processes for the preparation of the arylpyrrolines wherein L, A1 to A4, Y1 to Y3, R1 to R3 are as defined in the specification of the patent application. This enables to measure a fine oscillation of an object to be measured. dipeptidyl peptidase IV, according to general formula. The at least one oxidant may be oxygen, water, ozone, or hydrogen peroxide, or a mixture thereof. This technology is designed as a replacement for conventional light sources, such as incandescent light bulbs, halogen bulbs, CFLs and metal halide lamps.

1459826048-34cc17eb-9dae-4154-9bfd-2c6acfc7822

A process reduces the insect, arthropod or pest content in land mass by providing molecular iodine in the land mass in a concentration in aqueous material in the land mass of at least 10 parts per million. The present invention further provides for players to be highly distributed, for example throughout the US, while still using the single centralized ball draw and still supporting different bingo games in parallel. The adapter also includes a first seal for sealing an opening in the threaded portion and a second seal for sealing the aperture. The system-side circuit includes a switching circuit connected to the positive output terminal and the control terminal. The second transistor receives a second input signal inverted to the first input signal. Each clamping unit includes two parallel first crossing sections of the string disposed at a front side of the stand, and two parallel second crossing sections of the string disposed at a rear side of the stand.

1459826048-b4401edf-065b-48cc-8c8b-8bf81d97179b

The invention provides an improved ceramic packing element having the basic shape of a cylinder with an aspect ratio, defined by the diameter to length dimensions that is from 2. Multiple light sources may permit a single apparatus to have the capability of emitting multiple, preselected wavelengths. The dopant compound only adheres on the hydrophilic regions.

1459826048-fa1f675f-ee54-4fa5-ae99-14e3dbe9543d

An axial conveyor is described, in particular for conveying gasliquid dispersions, wherein the conveying elements comprise a wall-sweeping edge pointing in the direction of the pressure side of the conveying elements. The invention also includes the method for manufacturing the RFID label and the machine applying the method for manufacturing the RFID label. In addition, several instructions and apparatus for implementing these instructions are described which obtain performance advantages if the operands are not limited to the width and accessible number of general purpose registers. The polyimide membranes have UV cross-linkable functional groups and can be used for the preparation of UV cross-linked polyimide membranes having CO<sub>2</sub> permeability of 20 Barrers or higher and single-gas selectivity for CO<sub>2</sub>/CH<sub>4</sub> of 35 or higher at 50°C. The latches include pawls that fit within pawl receiving chambers in the socket and couple the plug to the socket.

1459826049-023341ec-3f3c-48c4-98a7-754e5b108a8c

A device used to prevent water from exiting a shower or bathtub that consists of a guard, a curved channel, and a pair of hooks to rest onto the lip of a bathtub. The handle can be moved into or out of an emplacing space, so as to prevent the inner casing from being dropped on a ground surface due to an excessive exertion of force upon pulling out the inner casing from the emplacement sink. MOS transistors connected in series are disposed between the power supply terminal and a backup capacitor. The image with restored brightness is displayed and the surface condition of the solder is judged on the basis of the distributions of the color components of this image.

1459826049-8813c488-0e25-4c2d-81c6-466fe2a4bbea

A system for performing broadband differential time domain measurement on a

subscriber loop. The safety controller has an input module for automatically reading process signals, a failsafe signal processing module for automatically processing the process signals, and a failsafe output module which produces control signals as a function of the signal processing module. The collapsed bags can be re-stored for future use and the gel biodegraded as by disposition the conventional sewage system. The control unit is further operable to generate an alert if an expected print job has not been received at the presentation system in accordance with the schedule.

1459826050-157e4f03-a7b4-4b93-bafd-6ac030eb2c43

A method of making an integrated circuit includes providing a semiconductor substrate and forming a gate dielectric over the substrate, such as a high-k dielectric. The apparatus may detect a user object that controls the 3D image, and determine a target virtual tool matching movement of the user object. The planar illumination facility converts a light beam from the LED received on a side of the planar illumination facility into a top emitting planar light source, uniformly illuminates the reflective display, and is substantially transmissive to allow reflected light to pass through towards a beam splitter. The grouping program is used to identify periods where the vehicle is in a stationary mode and periods where the vehicle is in a moving mode traveling from one location to another, based on the information provided by the GPS unit.

1459826050-39287c2a-23a5-461a-b655-e3e2b902b106

At least one forward-biased semiconductor diode having a potential barrier is used as a temperature sensor whose sensitivity can be finely adjusted. The housing of the hydraulic unit is mounted on a mounting surface of the casing of the electronic control unit so that the casing of the electronic control unit protrudes from the housing of the hydraulic unit to one side. The MOAF algorithm also automatically determines those cells in an area which are most heavily loaded and those cells which are lightly loaded.

1459826050-4e6980e8-a5db-4689-8601-64e4a7673f74

A new and distinct cultivar of *Alstroemeria* plant named \u2018Zalsadim\u2019, characterized by its erect and strong flowering stems; vigorous growth habit; intense golden yellow-colored flowers; and good postproduction longevity. Addition, subtraction, multiplication, and division are accomplished with the controlled application of energy to a phase change material. Lengths of line segments obtained by connecting the selected coordinate points in chronological order are calculated. A plurality of exterior cladding units are held in place by the bracket members. Insertion openings in the front portion of the front retainer have guide surfaces for guiding male terminal fittings therein.

1459826050-7896f917-9ed6-4196-bb91-7909172a5c52

A system and method for determining whether a wireless device has transmitted one or more forged satellite measurements. Among its unique features, is the fact that different compression strengths can be obtained by varying the proportion of ingredients and resulting densities. An opening having a width  $W_2$  is formed in the guide. NFET2 includes a source, a drain, a gate electrode having a gate area  $A_2$ , and a p-substrate.

1459826050-e0e0967c-8ba3-4f57-97ec-82dcd1537d61

A tool and method to identify a defect in a vehicle through a vibration frequency is provided. Also disclosed is a network comprising a first path computation element and a path computation client in communication with the PCE, wherein the PCC is configured to send a request to and receive a reply from the PCE using a PCE protocol, wherein the request comprises a lightpath constraint. The collection of the EDI transactions is received according to the source format. The capacitances of operating the phase lock loop at the two frequencies are determined and stored. Also disclosed are compositions and products for screening and for treating cancer

in a patient, as well as methods of treating a patient afflicted with a cancer. In one aspect, the invention concerns a method and apparatus for cooling and initial cleaning of raw syngas gas, so that the treated UCG product stream is suitable for downstream applications such as for energy or chemical production.

1459826051-18d66ca6-b7e7-427f-9ef1-d31869068c4b

Bearing bores for engine mount components must be periodically repaired. The expandable storage volume includes a namespace for storing information for accessing data objects stored at a plurality of data constituent volumes managed by a plurality of nodes of the storage system. In this device, a reset voltage for resetting the sample hold circuit obtains at least two different values. Upper ends of suspension struts are fastened to the top surfaces of the towers by bolts and nuts. At a depth of 100-700 m a given amount of hydrogen is mixed therewith according to the wishes of the diver, whereby the oxygen content should not exceed 3 vol. The present invention is also directed to a method for vacuum depositing a conformal composite coating directly onto an organic optoelectronic device, such as an OLED device, on a substrate.

1459826051-47f08984-f8d4-4d98-bd30-0a8998aa3cc9

A fault tolerance system for one or two failed disks in a disk array includes a CPU, a disk array, and a bus. The roving yarn is manufactured according to the invention from a fiber assembly, which undergoes a true twist application by means of one or more air flows. The disk is non-movably held in an axial direction on the hub, in the tensioned condition where the threaded shank sits in the threaded bore of the shaft. Video primitives are generated based on the received video data. The circuit is coupled to the temperature sensor and configured to identify for a coarse temperature range one of a plurality of fine temperature ranges corresponding to the temperature measured by the temperature sensor and generate temperature data that is provided on an asynchronous output data path. Magnet wire is wound upon the assembled bobbin and flux rings to form the coil assembly.

1459826052-116936db-a036-49c3-b7cf-bcc79d00b17f

A timer for assisting in the control of various medical regimen is described. A plurality of projections define drainage channels. Ions in the plasma diffuse from the core portion to an annular volume within the chamber where the ions are separated according to their respective mass to charge ratios. As such, the cable may maintain a lightweight character and a low profile of less than about 0. Within each cell, the bit lines are arranged on a layer separate from the wordlines, and extend orthogonal to each other.

1459826052-45eb10f2-fa68-4887-ae0b-52e736f7ff39

The present invention provides a novel compound that is capable of largely improving a life time, efficiency, electrochemical stability, and thermal stability of an organic electronic device, and an organic electronic device that comprises an organic material layer comprising the compound. LED dies, either as bare LED dies or packaged LED dies, are mounted to the substrate to form separate arrays of LEDs. In certain embodiments, SRPs that indicate an increased risk for altered bone mineral density occur as gender-associated polymorphisms. The request is sent to initiate a communication link for real-time user support.

1459826052-4e1fd693-74d1-429b-8d07-37a9cebddd6f5

The invention relates to an asynchronous transfer mode method of transmitting digital signals in which terminals send to the same station. The frequency multiplier receives a test clock signal in the test mode and generates multiple internal test clock signals, each of which has a frequency equal to a frequency of an operation clock signal in the normal mode. This tip segment of the housing structure is positioned to form a gap over the touch-sensitive surface.

1459826052-9572092a-0ff4-43c4-9681-a6b4f3f8fcfd

A baby bottle dryer and organizer is herein described. In a market area in which an LTE RAN and CDMA RAN operate, a base station receives a PCI that indicates a particular one of the LTE coverage areas detected by a mobile terminal. These devices include but are not limited to a spin-wave crossbar, a spin-wave reconfigurable mesh, a spin-wave fully-interconnected cluster, a hierarchical multi-scale spin-wave crossbar, a hierarchical multi-scale spin-wave reconfigurable mesh and a hierarchical multi-scale spin-wave fully-interconnected cluster.

1459826053-546e222d-f10b-4caf-8d27-005fcbc7c65c

In a system comprising a first fabric and a plurality of devices coupled to the fabric by fiber channel connections, the devices are logically grouped to form configurations and zones. One or more interdigital transducers and a passivation layer can be formed upon the piezoelectric substrate. A second open-faced bearing is coupled to the dampener frame. The control mechanism operates the switch in conjunction with a separate physical switch as a single logical switch and assigns a virtual switch identifier to the logical switch, wherein the virtual switch identifier is associated with a link aggregation group.

1459826053-ae4e91f0-c3f7-4374-8473-ac3c18b41988

A process and system scribe sapphire substrates, by performing the steps of mounting a sapphire substrate, carrying an array of integrated device die, on a stage such as a movable X-Y stage including a vacuum chuck; and directing UV pulses of laser energy directed at a surface of the sapphire substrate using a solid-state laser. Similarly, single-ended write circuitry includes transistor which provides aid in transitioning latch node from a logic state 1 to a logic state 0 when latch node is being transitioned from a logic state 0 to a logic state 1. Each of the tufts has a tuft base proximal to the nonwoven web and a distal portion opposing the tuft base. The evanescence is limited to about 100 nm from the tips.

1459826053-fe07f639-8369-4aa6-9188-648384d06c88

Methods, systems, and apparatus, including computer programs encoded on computer storage media, for automatically updating metadata. The computing device transmits vehicle notification data to a second vehicle based on the location data. In response to a wager amount, the processor randomly selects one of a plurality of outcomes and causes the selected outcome to be represented on the display. The scan operator continues to process new data added to the table until the initiating user or application closes the associated cursor. Therefore, the maintenance cost is reduced and the system may be operated normally.

1459826053-feacc80f-9f7e-45f5-b762-d8696ba6b3ac

Techniques for determining which resource access requests are handled locally at a remote computer, and which resource access requests are routed or \u201credirected\u201d through a virtual private network. The semiconductor device may also include third insulating pillars disposed between the second insulating pillars and disposed opposite one another across the first through third regions. , preferably an isolate having a protein content of at least about 90 wt % d. The inlet port draws gas from the outside of the motor housing.

1459826054-6156e06d-0401-4349-a132-0e0b520fb3af

An internal voltage generator when activated, generates an internal voltage to be supplied to an internal circuit. The ultraviolet light bulb preferably includes a casing for holding a starting gas and a vaporizable material, and at least one electrode electrically coupled to the power source for exciting the starting gas and the vaporizable material within the casing. The built-in systems of the aircraft process the data to allow pilotless operation of the aircraft along a predetermined route while maintaining proper spacing from prior art and other automated aircraft. A smart sensor system includes an on-board processing unit for performing the method of the invention.

1459826054-f6ee001d-5ce6-483a-bc18-59b69ddc6fffb

When information is received specifying a desired product and a desired light source type, e. To simplify the process of configuring a network monitor, information about the service level objectives is loaded into the resource itself. The storage control unit receives data transfer requests directed at available logical subsystems in the storage control unit, wherein the available logical subsystems are determined based on the configuration of the plurality of logical subsystems. The system may further comprise a mixing valve operative to proportionately mix the fuel and modifier agent. , in particular the PAHs of naphthalene, phenanthrene, pyrene, flouranthene and benzopyrene may be reduced with placement of a carbon-based andor metallic disc at the tip and with practices of the invention herein.

1459826055-09ab05e1-66dc-4204-afe3-fe74e6cf0b5d

A method and system are disclosed for playing, storing, accessing, and retrieving multimedia content and providing the content to a surgical environment. An action receiving element is bendably connected to a distal portion of the transition piece and extends distally therefrom. The loop desirably has a diameter that substantially corresponds to the inner diameter of the medical tube.

1459826055-41b149f0-f485-44b3-b549-80494921a17e

Systems and methods for assigning short codes to provide uniformity among wireless carriers. A CPU 15 determines an output of a feeling model based on signals supplied from a touch sensor 20. Specially, a cellular communication system is described in which the basestations are centrally located and RF channels are diverted, by means of an RF switch, to remotely located cells.

1459826055-6128aead-c778-4a08-8836-5cc7181633bf

A vegetation cutter attachment system for a trolling motor to aid in cutting water weeds and grass that wrap around the propeller or motor housing of the trolling motor during use. According to embodiments of the invention, the vane can have multiple concentric layers of radial cooling holes extending about the vane; each layer being fluidly connected to the adjacent layer or layers. Some embodiments may employ a clamp, for example a peripheral clamp such as a cover or bezel clamp. The brackets may have a vertical adjustment allowing for an increase or decrease in the working height of the stall dividers. The package structure has an elliptic bottom surface having a semi-major axes and a semi-minor axis and a semi-ellipsoidal surface connecting and surrounding the edge of the elliptic bottom surface, wherein the maximum height of the ellipsoidal surface from the elliptic bottom surface is between the semi-major axes and the semi-minor axis.

1459826055-e6512a78-7b84-41aa-ae0-b25264a844d9

A connector housing includes a resin body and multiple metallic terminals insert-molded into the resin body. Presynaptic neurotoxins are delivered focally, targeting the nerve endings of the trigeminal nerve, the occipital nerve and the intranasal terminals of the parasympathetic fibers originating in the Sphenopalatine ganglion. Reconfiguration data is sent by the line termination device to at least one of the network termination devices, the reconfiguration data being specific to a communication protocol to be used for the transmission of the above-mentioned frames and enabling the reconfiguration of a modem of the destination network termination device. The additional current may be provided gradually in relation to the signal line voltage, or may be provided in full whenever voltage exceeds the threshold. A phase of the first light is delayed by about 14 phase so that a second light is emitted from the first surface toward the reflection layer.

1459826056-03235c7b-028c-4d09-8b03-ff1f56d013fa

A semiconductor memory device comprises a logic circuit supplied with a first supply voltage; a cell array supplied with a second supply voltage higher than the



first supply voltage and including plural mutually intersecting word lines and bit lines and plural memory cells connected at intersections thereof; and a word line driver operative to drive the word lines. The semiconductor device also includes a laminated structure of a SOG layer, wherein the laminated structure is composed of a base layer and a surface layer formed on the base layer and is formed over the MOS transistor and wherein the surface layer is denser than the base layer. Yet another step includes moving the actuator arm after completion of a startup delay period from a pre-actuation position to a discharge position along a path substantially parallel to an axial length of the container to actuate a nozzle of the container to discharge a fluid from the container. An electronic circuit board, a normal pressure cavity, a sensor, a vapor-liquid separator, an atomizer, a liquid-supplying bottle are sequentially provided within the shell, wherein the electronic circuit board comprises an electronic switching circuit and a high frequency generator.

1459826056-0ef09b63-fe35-4743-b921-91aeae523ac3

The invention relates to a light indicator, comprising an indicator element illuminable by a light source. The method comprises forming polysilicon lines overlying a substrate with a dielectric layer therebetween. The MRIC instruction includes the address of a run-time-instrumentation control block. The splitting apparatus may comprise a pair of arrays of half-cylinder lenses comprising a convex side and a flat side. Further, the action table may be divided into portions corresponding to the group number.

1459826056-41379137-5fd1-442e-adc8-6adcac3438f9

Aqueous coating compositions containing a first polymer containing reactive functional groups with a selected level of carboxylic acid functionality and a polyfunctional crosslinker agent containing functional groups that are reactive with appropriate functional groups of the first polymer, are disclosed. A current source is connected to a first electrode and a switch is connected to a second electrode for selectively connecting the second electrode to ground. In the second step the deposition unit is activated in order to deposit the metal on the plate when in the first step the detection means has not detected any defect in the plate. A second directional control device is connected to the reservoirs. Anti-lock braking systems are used to provide signal information indicative of the wheel rotation status. The recording and reproducing unit records the display screen on the recording medium as screen data through the capture operation.

1459826056-9e9e86d3-557c-4390-9a3b-81e383292661

A combination electronic communication and medical diagnostic apparatus includes a first component for transmitting or receiving a remote communication signal and a second component for generating vibration to be used in a medical diagnosis. The device may be in the form of a boxed hardware component and may be configured from an HTML interface. Access to a location estimate of the mobile device may be selectively authorized at least partially in response to a request received at the mobile device from the location server including the location identifier.

1459826057-c58f9937-0210-4915-8529-139969a051e8

The invention relates to a method for test pressing tablets with at least two layers. The personalization server maintains information about how to personalize a callmessage management interface provided for managing the user's calls and/or messages. The coupler has an elongate body with an open end and a hollow core sized to receive the head of the stake or nail intended for use with the present invention.

1459826057-ed6c0037-3fdd-4a4b-8f1d-8801e31daa40

A system comprising multiple devices that are operable when servicing a device-under service is described. In one embodiment the asset value of a network node is determined. A microprocessor is programmed to recognize the signal produced by

initial deformation of the cornea contactor tab so as to proceed with an eye examination only after receiving the strain gauge signal verifying that a previously unused cornea contactor has been inserted. An alignment fiducial mark extending from the top surface of the wafer into the substrate to a depth below that of the circuit layer is constructed. The faceplate may be angled away from the surface upon which the dispenser is positioned. The notification message may cause the host server to at least temporarily refrain from communicating and/or to queue server-initiated IP messages intended for the mobile station.

1459826058-1c44b246-2a27-4795-9a8a-ae086c6adc62

An anode assembly for an impressed current cathodic protection system is disclosed. Plural retainers are secured within each of the panels at spaced apart intervals, each retainer including a connecting portion extending outwardly from the inner surface of each panel, and an anchoring portion. The image material graded as potentially illegal has the age of the persons shown determined, and potentially illegal image material which shows at least one person whose ascertained age is below a prescribed age is graded as illegal image material.

1459826058-5c76719f-459a-44e7-9f32-b95026d0c7a5

A system for loading videos includes an interactive video player is with a loader. The system can include control circuitry for reducing an amount of bias current at high temperatures and increasing a power of the laser at low temperatures. Sufficient controlled energy is transmitted from the surface into the engaged tissue to contract the tissue and inhibit incontinence. Prior to roller forming the outer edge of the bore, the spider arrangement is supported on the true rotating center of the drive shaft tube. The recessed portion at least partially extends into the opening.

1459826058-6085da79-9ab9-4a5e-bcc6-3758729fd5c0

One of aspects of the present invention is to provide a medical lancet, which includes a first ascending region, a descending region, and a second ascending region subsequently and integrally formed of biodegradable material. Such a location is not easily pointed out especially when the facility is damaged. The pattern of these disturbances is a controlled one, designed specifically to avoid causing noticeable disruption even to sensitive devices, but to be unusual enough that it is statistically unlikely to be naturally occurring. The upper sections of the lace portions are tied together to form a knot and a pair of distal lace ends.

1459826058-8f84df63-1e4b-404b-a0e3-fb9497dfc72f

With a method producing hydrogen by making iron or iron oxide contact water, water vapor, or a gas including water vapor, a hydrogen generating medium, which has a high hydrogen generation reaction rate and is resistant to a repetition of oxidation-reduction without degrading its activity, is provided by adding a different metal other than the iron to the iron or the iron oxide. The controller also includes an input for receiving an enable signal including enable events responsive to the power converter output. A fertilizer tube is mounted behind the furrowing knife. The average fiber length of the kenaf fiber is preferably 100  $\mu\text{m}$  to 20 mm, and the kenaf fiber preferably contains a kenaf fiber having a fiber length of 300  $\mu\text{m}$  to 20 mm. The check valve prevents the waste ink and the pressurized air from returning to the cap member.

1459826058-9bbcce35-22f6-42db-b428-0e150c4fc9e8

A regulated two-stage turbocharger system is described, including high-pressure and low-pressure turbocharger units. The crosslinked nanoparticles on substrates can be used in electrochromic devices and/or photovoltaic devices. 0.2 mass % of Mg and provide a distribution index F1 for the sulfide particles defined by the following equation of  $\theta$ . The MAC header includes a CT identifying a type of each of the information elements multiplexed into the MAC-PDU and an LI indicating a size of each of the information elements.

1459826059-7b0ee702-3e7e-44cc-9076-a989ad9d23cd

A single operator exchange fluid jet thrombectomy method employing a single operator exchange fluid jet thrombectomy device having an outer catheter assembly and separable and exchangeable components in the form of an inner catheter assembly allowing functioning as a rheolytic thrombectomy catheter or as a crossflow thrombectomy catheter. In some embodiments, a radio source may embed instructions to control an electronic device into a radio signal. Systemic delays, arbitrarily imposed delays of a broadcast signal and variances in the precise broadcast times of taped television programs have to be equalized so as to provide fair entertainment. The indicator is configured to indicate operating conditions of the escalator.

1459826059-bc984f41-f250-4f8d-bd30-31b93898974e

The invention contemplates a method for recognition of proteins and other biological molecules by imaging morphology, size and distribution of crystalline and amorphous dry residues in droplets containing predetermined amount of certain crystal-forming organic compounds to which protein to be analyzed is added. The appliance also includes a substantially rigid wand which is connected to a suction inlet on the vacuum cleaner by a flexible hose and which is suitable for use in cleaning above the floor. The second region may be doped with implanted phosphorus and the third region may be doped with implanted boron. The delay circuit provides a result to an external connector at a second clock rate that is slower than the first clock rate. Since a transverse vortex discharged from the side edge of the blade, and on a large scale, is organized by vertical vortexes formed in the notches on a small scale so as to be segmented into stable transverse vortexes, it becomes possible to reduce aerodynamic noise. The flexible substrate is bent so that the light source is disposed at an end of the light-guiding member and that the flexible substrate is housed in the frame.

1459826060-59210257-2ebc-4d7e-b6d9-c1d624b4221d

A resonant DC-DC converter used to drive an LED array includes a half-bridge converter configured to receive DC input power and produce a square wave voltage. The method includes receiving at a calling module, using a standardized interface, a call request from a remote client, the standardized interface enabling interoperability between the calling module and heterogeneous remote clients, generating a call to a party specified by the call request, and transmitting a response received from the party to the remote client for client-specific processing. The method additionally comprising calculating a competitive bid for the user, based on the complex usage pattern and a pricing structure of the provider. The goalie structure is preferably inflatable, and the track is preferably constructed from a plurality of track sections.

1459826060-79612134-b968-4c3e-a315-d79ed66c7e97

A solid mesh swimming pool cover incorporates a mesh layer that has been successfully used as a porous mesh cover for several years with a thin impermeable base layer. The shaving razor can include a razor handle configuration that reduces the propensity for the shaving razor to roll in a user's hand and improves the maneuverability of the razor cartridge during shaving. The disk control device further comprises: a first coupling unit for connecting the internal coupling of each disk control unit to read or write data within the disk control device; and a second coupling unit for connecting the internal coupling of each disk control unit to transfer data between a plurality of the disk control devices. An adapter is coupled to the housing and the vibrator whereby the adapter vibrates when the vibrator is activated. which comprises reacting a compound of the formula: wherein R<sub>y</sub> is chloro, bromo, iodo, O\u2014C(=O)F<sub>3</sub>; and R<sub>g</sub> is a C<sub>1</sub>-10 alkyl; with an olefin forming reagent in a suitable base to yield a compound of Formula, or wherein m=0 and oxidizing the sulphur as necessary or desired. Each value of the hash table identities which of the address tables are storing the address entry corresponding

to the associated key.

1459826060-9a4fe758-d476-4589-857b-403964667b96

A hard coat film comprising a substrate film and a hard coat layer disposed at least on one face of the substrate film, wherein the hard coat layer comprises 100 parts by weight of a resin of an ionizing radiation curing type and 0. The system includes a guidewire, a filter assembly, and a distal introducer. The intensity value for each position in each  $i$ -th spectral band is adjusted to generate an adjusted intensity value for each position in each  $i$ -th spectral band in accordance with 
$$\log \sum_{i=1}^S W_n I_i * F_n$$
 where  $W_n$  is a weighting factor,  $*$  is the convolution operator and  $S$  is the total number of unique spectral bands.

1459826061-2ab78748-a9f4-4edf-8a64-b16bab81bcf2

A process of sending packets of real-time information at a sender includes steps of initially generating at the sender the packets of real-time information with a source rate greater than zero kilobits per second, and a time or path or combined timepath diversity rate, the amount of diversity initially being at least zero kilobits per second. The gate frame is installed on the upper portion of the main frame, has a pair of left and right columns that are disposed along a substantially vertical direction, and has a beam that connects the upper ends thereof. In this embodiment, the identification code is linked to an identification file containing identification information uniquely corresponding to the mailpiece. A lock pin is located in the large-diameter portion of the rotor, whereas a lock hole, with which the lock pin slides into and out of engagement, is located in the inner face of a sprocket. The cavities of each pump are skewed so each pump chamber is larger in volume at the inlet end than at the outlet end. In one embodiment, portions of the gate electrode is in the spaces between the discrete storage elements and extends to more than half of the depth of the spaces.

1459826061-673b5e08-b831-42d3-bf84-744926638798

In a throw-away tipped drill, a slit is formed at the bottom surface of a tip attachment seat which faces towards the end of its axial line direction, with this slit extending towards the rear of the axial line direction. The first pair of wheels is propelled by an internal combustion engine. A resilient element is adapted for applying an urging pressure against the locking arm so as to normally retain the locking arm in a locking position.

1459826061-e4373298-5e95-4e27-a34e-3181bd03eb5e

A system and method for the selective catalytic reduction of nitrogen oxide in a furnace exhaust includes cooling the furnace exhaust in a first heat recovery section to a temperature between 400 F. Preferably, disposed is a thermosensitive layer 24 which changes from a transparent state to a light scattering state when the layer is heated to a specified temperature or higher. One particular application is assuring consistency between forwarding and control planes of a Fast Reroute backup tunnels used to protect an MPLS Traffic Engineering LSP from a link and/or a node failure.

1459826062-97afa42d-d6a6-4f6b-ac03-6478c14d91de

A liquid cartridge detachably loadable in a cartridge loading section of a liquid supplying device is provided. The lower casing and the upper casing enclose an inner space. A cooling system for an area around a lamp that accounts for a good part of an amount of heat generated by the projection type display device is isolated from a cooling system for other parts including a liquid crystal panel. The pulley is coupled to a ring gear of a planetary gear set having a planet carrier with planet gears engaged between the ring gear and a sun gear. The catheter system includes a first channel configured to receive a catheter device, and the first channel has an opening located within the recess.

1459826062-d03ea02c-7e8a-4623-ad09-ebfbd0fe5b15

A free space point-to-multipoint optical transceiver has a reflective element and an optical feed mounted on the reflective element. Thus, the control is not affected by payload information. The lookup table includes a plurality of entries. A solder preform layer is located between the device layer and the top layer for securing any MMIC chips. An electric wind speed detector located in the vicinity of the pool and coupled to the electric control system causes the control system to override the programmed sequence in response to wind exceeding a pre-established threshold to operate the pump system to supply water to the pool return jets. A system for authenticating a terminal subscriber identity module in an IM domain includes: UE, an S-CSCF, a home device of the UE and an HSS.

1459826062-f2082fae-08ab-465c-8aab-b01089fa5cb2

A data security system comprises a host processor, and a plurality of remote computers. Each pair of the display electrodes is made up of a scanning electrode and a sustain electrode which are arranged parallel to each other on the first substrate. The first spectral sensitizing dye is an anionic benzimidazole-benzoxazole carbocyanine and the second spectral sensitizing dye is an anionic oxycarbocyanine. The airbag cushion is attached to, or contained within, a portion of the lap belt portion seatbelt webbing. The invention also provides an efficient method of producing memory devices with the selection element in the same layer as one of the control lines. The fluorine-containing polymer has a weight average molecular weight determined by gel permeation chromatography in the range from 1,000 to 50,000 and a receding contact angle with water and the photoresist film formed therefrom is 70° or more.

1459826063-0ffefef35-2ce3-41a1-a368-e958b7540a8d

A method of fabricating high quality passive components having reduced capacitive and magnetic effects by using a Schottky diode underlying the passive components in the manufacture of integrated circuits is described. A ticket ID is assigned to the service request, and responsive to an initiating action of the user, a virtual token is generated that has a specified relationship with the ticket ID. Another embodiment includes a forming assembly for use with, for example, a battery part having a bifurcated acid ring with spaced apart lips. The client request is processed using the selected agent components. The resulting backup tape contains substantially the same set of files that would result from a full backup, or, if desired, a higher level backup. Also included is a controlled current source configured to receive electrical current from the wind turbine unit or at least one other wind turbine unit located in proximity to the corrosion protected wind turbine unit and further configured to operate the impressed current anode.

1459826063-189d6aec-a03e-41a0-8348-380a8e1792dd

A memory access control device for controlling access to a plurality of memory devices with differing latency, controls, when performing a first access and then a second access, the timing of performing the second access, according to a memory device accessed in the first access and a memory device accessed in the second access. According to the method, a first insulating layer having a contact hole formed therein is formed over a semiconductor substrate. This switching to another communication protocol may be performed based on a variety of factors including effectuating communications of higher throughput, supporting uni-directional communications vs.

1459826063-7a78efc2-1861-4bfa-b89a-d4e1803f117d

A mobile data network supports making subscriber data addressable as devices in a mobile data network. To transfer the thrust of an actuator, especially in an injection valve, mechanical tappets are used, which have substantially the shape of a cylinder whose defining surfaces are substantially triangular, with the corners rounded. An inflatable bladder can be used within the outer structural layer to

cause expansion, and a seal can be disposed for cooperation with the outer structural layer to facilitate sealing engagement with the surrounding wellbore wall. The system transmits the application package from the sharing device to the receiving device via the network connection.

1459826063-b34d4f7b-4bda-440e-b4d8-89ddae9535eb

An improved railroad frog, and method incorporating the same, for facilitating the intersection of rail lines in a more efficient, effective, and durable manner. User input deactivating the appliance is received and processed by a first and second microcontrollers, which separately and independently act to remove power from the appliance upon receipt of user input. The sensor calibration system may also have a controller in communication with the sensor and the positioning device.

1459826063-b99e8e0f-04ae-4ed5-8b79-361856f08fb7

Systems for servicing the data and memory requirements of system devices. The rectifier circuit 110 includes contacts 117, 118 and 119 and functions as one of a full-wave doubler voltage rectifier circuit and a full-wave rectifier circuit according to the opening and closing of each of the contacts. The first PND receives and displays a social interaction information signature of the second PND. Alternatively, the bottom of the tub can include a plurality of ball bearings. The adhesive tape includes a base formed as a thin sheet, an adhesive attached to the reverse surface of the base, and a projection projecting along the length of the outer surface of the base within a portion of the width thereof. The second magnet is disposed on a surface of the first leaning portion facing to the cover plate.

1459826064-2bc2f6e4-9654-4b82-b5a3-bc2b6d2aae1a

The invention relates to a dishwasher comprising a cabinet, a door for allowing access to a washing volume inside of the cabinet, and a water tank to be filled with water for washing. The wall may have a region of varying wall thickness providing a lens. The syringe and marker are enclosed in a sterile package which includes a top cover and a bottom cover. A plurality of buttons may be attached to a top portion of the handle body to release the plurality of handle arms. In this device, the frequency or number of the sustain pulses inputted to the paired sustain electrodes is adjusted in accordance with the detected area ratio, so that the luminance is always corrected to the reference value to thereby achieve proper expression of preset gradations. This reversing of the door assembly of the present invention does not require complete disassembly of either of the inner or outer door assemblies.

1459826064-69df82e3-f73d-445a-bdce-4c6a1f930cca

A production string with flexible electrical and/or hydraulic cables extending along therewith is lowered into a well through a blow-out preventer on the seabed and is formed by screwing together pipe lengths. When coding a B picture as a target picture, information indicating whether or not the target picture should be used as a reference picture when coding another picture is added as header information. The device comprises a main channel and an inlet channel that communicate at a droplet extrusion region so that droplets of solution are deposited into an immiscible solvent in the main channel. A protrusion is disposed on the pivot.

1459826064-7737331e-9a81-488c-a94a-3890a2c261e7

A housing for retaining an electronic component, including a lid and a lower part made of synthetic material, wherein the lid is joined in a force-fit manner to the lower part by clamping geometry, and in order to affix the electronic component in position, the lid applies a specified force to the electronic component after being joined to the lower part due to its design. A P-well blocked layer is formed directly beneath a parasitic device. The apparatus also includes a harrow for further mixing the soil and crop residue, and spreading the mixture evenly over the field.

1459826065-4418792d-86ae-4b38-8364-13c5c47fae97

A hand-operated device that can be actuated to dispense a predetermined volume of liquid food product for use in food preparation and food consumption is provided. The body part includes a rotary portion, disposed at a front end thereof, that can be inserted into the tissue of the organism from the hole, a needle member accommodated in a portion, inside the body part, rearward from the rotary position, and a pressing mechanism for advancing the needle member from a side surface of the body part and pressing the needle member into the rotary portion. A connector plug is plugged into the header connector over the battery to cover the battery and shield the battery.

1459826065-467f6351-14f8-4277-91c9-8d89745e992f

In accordance with embodiments, there are provided mechanisms and methods for determining whether a developed application associated with an on-demand database service will operate properly with at least one other application. Reference and comparison images are acquired at different times from a moving web. The system uses data from the inertial measurement units to estimate a position of the object.

1459826065-d3d63443-3125-4e4b-897d-ad62c862bf9a

A delivery device that includes a cutter for opening a barrier layer to provide fluid access to a dose chamber, and a diverting structure for direct air flow toward the dose chamber. Thereafter, the stored sequence in the receiver is compared to a stored copy of the continuous transmission to determine the time that the stored sequence was transmitted. The first logic tree is configured to provide a flag signal indicating whether at least one bit of the data is active. An output beam is generated by the semiconductor laser based upon the received first current and the received second current.

1459826065-e4ed5642-1e10-4e78-b2a2-6a11840b391e

A safety device for firefighters to mark a viable exit for a building includes an audible sounder and a number of laser diodes in a housing with lenses that create panes or sheets of light. A charge pump circuit is coupled to a drive circuit to provide a power source for driving the first transistor. A method of installing such heat exchangers in rotary kilns is also disclosed. The compressor is stopped by disconnecting a power feed circuit. The invention also provides methods and compositions suitable for therapeutic applications.

1459826066-258a2e8c-e54d-4964-9e31-4ea87787c438

An ink jet printing ink for use in an ink jet printing method. The electric motor includes a rotor and a stator assembly. In addition, multiple test patterns can be selected and customized for the specific needs and constraints of different types of networks to form the basis of scheduling performance tests to optimize the performance testing efficiency.

1459826066-83ec5f87-913e-41a0-b5ff-17442a4a4097

A process is provided for preparing a compound having the formula . The reduced diameters of the proximal section and the distal section are smaller than the reduced diameter of the middle section. Thus, the high reliable and steady movement is performed.

1459826068-4f02814b-b2e2-4389-a400-e8b22c5ad240

Charge balanced semiconductor devices with increased mobility structures and methods for making and using such devices are described. The shaft has a distal end portion which is made deflectable. The wireless device may be configured to dynamically reconfigure a modulation coding scheme to compensate for varying signal qualities in some modes. The transverse rods are connected to at least one of said longitudinal rods to form an orthogonal reinforcement mesh on said mobile workstation and as the workstation in said first direction, said mesh is deposited on said prepared surface. The conducting pattern comprises a curve having at least

five sections or segments, at least three of the sections or segments being shorter than one-tenth of the longest free-space operating wavelength of the antenna. Based on such displayed game actions and sequences, the disclosed gaming system and method determines whether the player or the opponent wins that competition for the competition game.

1459826068-a7640c1c-db88-4122-93ae-0d7faead1ed8

A technique is provided for delivering plant supportive materials to plants. The packet processing device receives as an input a combination of header information and a destination to be registered and calculates an index value by one-way function calculation using the input header information. The airflow-organization testing system for a clean room includes a sample gas supplier and a thermal imaging device, and the thermal imaging device can continuously detect a spatial position of the sample gas and display it on a display, thereby improving detection precision and expanding detection range. In the location of a coronary artery, the surface probe element sensor is moved about against the epicardium over the suspected location of the artery of interest until a surface probe element sensor of the present invention at the surface probe distal end interacts with the lumen probe element of the vessel lumen probe.

1459826068-af5664c8-e057-496a-8677-3c127630a9f0

The invention provides an improved lock bar system for enclosing at least one peg hook. The computer system includes a memory hub controller coupled to a plurality of memory modules each of which includes a memory hub and a plurality of memory devices. Even if chattering occurs in the mechanical acceleration switch, the first-stage igniters and a backup capacitor are conductively connected by turning on a driving transistor, such that an electric current is sufficiently delivered to the igniters. One of the at least one first metal structure and the at least one second metal structure is activated toward metal plating without activating the other of the at least one first metal structure and the at least one second metal structure. The selecting unit selects at least one first operation area that is an operation area in which the amount of change exceeds the first threshold as a halt area for which the operation of the control value used by the facility device installed in the first operation area is halted when the number of first operation areas exceeds a predetermined second threshold.

1459826069-01f5ef6b-f9c4-49a3-a165-8f8565e28110

A processor is provided that includes an execution unit for executing instructions and a replay system for replaying instructions which have not executed properly. The conveyor belt alignment system includes a mounting plate for attaching to a structure, a first plate attached to a second plate, wherein the second plate is adjustably attached to the mounting plate, a support frame adjustably positioned upon the first plate, a plurality of first idlers extending from the support frame, and a plurality of second idlers extending from the support frame. The storage device comprises a solid, preferably silica- or alumina-based CO<sub>2</sub> storage material, which can be regenerated. A pressurized platform bears pressure from the pushing end, when the pushing end is pushed onto the pressurized platform.

1459826069-23b0ac80-7cf4-40a9-840f-7cdf7b548b0c

The present invention provides a method of treating sebaceous gland disorders comprising administering to a patient in need of said treatment an effective amount of a compound named -acetyl-sulfamic acid 2,6-diiso-propyl-phenyl ester or a pharmaceutically acceptable salt thereof. In aspects, image restoration is accomplished by recovering spectral information from data corresponding to a compressed image. A specific portion of the flow waveform is identified, and a linear regression of the identified portion of the flow waveform is performed to determine an estimated leak flow in the breathing assistance system.

1459826069-36d8d434-1ea9-4cde-8be7-a07aeb75d640



A non-volatile memory device includes an array of non-volatile memory cells. The substrate holder comprises a main body, a plurality of burls and a heater and/or a temperature sensor. Then, the mould cavity is opened and the moulded product is removed from the mould cavity. Alternatively, a user set service characteristic configurations may also determine the choice of a communication pathway that meets the user requirements of quality of service and cost.

1459826069-5adf7755-aa05-43bb-a1ac-53e61426b502

In a polycarbonate resin composition containing a polycarbonate resin and a polycarbosilane compound, the use of the polycarbosilane compound modifies the surface properties of the polycarbonate resin composition without adversely affecting the intrinsic characteristics of the polycarbonate resin, such as transparency, heat resistance, and mechanical properties, etc. The first bus and the second bus are each adapted to separately connect to respective ones of a plurality of bus-compatible devices. An ablation catheter includes a coaxial transmission line with an antenna device coupled to a distal end of the transmission line for generating an electric field sufficiently strong to cause tissue ablation. A window extends through an upstream portion of the cylindrical sleeve exposing the flared tube to the exhaust stream. To limit the formation of focal points that can lead to hot spots as light travels down the shaft, the shaft substrate is formed with dimples or longitudinal corrugations. Any received PDU within the TTI that has a sequence number that is sequentially before the starting sequence number or that is sequentially after the ending sequence number is discarded.

1459826070-71ce59bd-c265-4f26-8582-05e2cf98eeb3

An embodiment of the invention relates to a frictional clutch for a hand-held device for transferring a film from a backing tape onto a substrate. The base assembly is vertically movable relative to the housing. In this manner, the phaser may be warmed up rapidly, without adversely affecting engine operation.

1459826070-9d76f553-1ad8-49d7-b6db-d4f639060b57

The present invention provides a lock structure of plug of cable including a main body and a key. The trap has a bend part and a horizontal lower pipe connected to it. The mechanism includes a motor shaft pulley fixed to a motor shaft of a motor, a saw blade shaft extending in parallel with the motor shaft and an intermediate shaft extending in parallel with the saw blade shaft and positioned between the motor shaft and the saw blade shaft. Once the feed forward filter reaches a certain level of convergence, the training circuitry is reconfigured to evaluate and update the actual level of the signal EQTR. Running of the starting process of the optical disk drive with the medium is inhibited when the authorization of the medium is determined as being incorrect.

1459826070-af5c2b03-768e-4a22-a837-138d3a9b533c

A device for protecting medical apparatus from contamination by infectious agents comprises a containment body having an inlet destined to be set in fluid communication with an extracorporeal circuit of blood, and an outlet destined to be connected to a fluid line operatively connected to a pressure gauge of a medical apparatus. In another part, the present invention includes inclusion complexes of a lapachone or a prodrug thereof and a cyclodextrin, preferably a  $\beta$ -cyclodextrin, such as hydroxypropyl  $\beta$ -cyclodextrin, etc. The test element has a sampling end with a sample opening through which the fluid is collected.

1459826071-3b565723-f261-473a-a696-d269d428951d

It is an object of the present invention to provide a focused ion beam apparatus capable of prolonging a service life of an aperture, preventing contaminants from increasing when a column valve is closed, and being quickly restarted. The system includes a transmitter, a variable optical attenuator, a receiver, and a computing device. Preferably, an additional switching device is added to implement such a canceling capacitance for each parasitic capacitance. The user rotates the cabinet

display, the countertop display and the backslash display to visually illustrate various options and combinations. Since the subcache memory serves as a buffer for data to be transferred from the main cache memory to the main memory, the main cache memory withdraws data to the subcache memory even if the main memory is in a busy state. The jumper connector also includes a conductor held by the body, wherein the conductor is configured to be electrically connected to more than one lighting component during the same manufacturing step in which the connector body is secured to the substrate.

1459826071-a613c433-3fa4-4b0e-b5a8-5424ae80ac8c

A closure strip and a cursor of a bag. Further, there is a port switching unit provided for switching to at least one of the parallel and serial ports to enable data transfer to and/or from a storage device connected to the port. The composition is comprised of cellulose insulation and a joint compound. The other ends of the arms are pivotally attached to, and maintained at a fixed spacing, by a crosslink member. In response to the comparing step, at least one time frame in the forward link having available capacity for transmitting a portion of at least one further traffic stream is identified. The method includes taking and saving a snapshot of current state of a virtual machine as well as a snapshot of the corresponding vTPM, upon receiving a request for taking a snapshot of the virtual machine.

1459826071-b9c1bb2b-6635-4bb1-8c36-a6d6e7e3d6ca

A method of analyzing milk components having the steps of collecting a milk sample, ionizing the milk sample, and using an ion mobility spectrometer to detect predetermined components within the ionized milk sample, wherein the ion mobility spectrometer is positioned within a milking system from which the milk sample is taken. The front frame has an adjusting base mounted on the front frame. The control device controls the sewing machine in a first stage under only a normal sewing mode in which the normal sewing operation is executed.

1459826072-24b728c7-1b54-43e5-9139-69c501f7e0ca

Methods, systems, and apparatus, including computer program products, for location-based emergency information. The reactor includes a first toroidal chamber, current carrying conductors, at least one divertor plate within the first toroidal chamber and a second chamber adjacent to the first toroidal chamber surrounded by a section that insulates the reactor from neutrons. It is further determined whether a plurality of operations execute more efficiently when combined. The Pin signal for a bit is true where the bit has a carry in that is the same as the carry in to the block of bits, i. When the embedded component is deviated in the through hole to allow the electrodes to be in contact with the metallic ring, the electrodes are prevented from coming into contact with the same section of the metallic ring to thereby avoid short circuit. The brake modules have assigned thereto individual drives with controls for stipulating a reference speed relative to a speed of the machine.

1459826072-39b0769c-f308-46af-abef-83c9f1c7d3e1

A capillary absorption spectrometer and process are described that provide highly sensitive and accurate stable absorption measurements of analytes in a sample gas that may include isotopologues of carbon and oxygen obtained from gas and biological samples. When the aimed number of fingers is satisfied and there is a path to be added, an unused finger is used if any and, when there is only an effective finger, the number of fingers assigned to a branch signal is not increased. The method also includes storing the corrected OSNR in a non-transitory computer-readable medium. When the amounts of currents of local signals flowing into the mixers increases, the effect of noise suppression is expected.

1459826072-ec820a6b-1ac6-49f1-9230-f4977caeba6f

An antenna assembly for emitting a signal. 2 mm to 8 mm, a bulk density of from 0. The customer can either accept the transaction amount to complete the transaction

or reject the amount to cancel the transaction. For producing a single-curved glass sheet, the elevating mechanism is operated to lower the opposed ends of those beds to their original flat positions. The vehicle terminal determines a range of cells of which cell data are required for navigation based on vehicle state information, and requests the map data transmitting server to transmit the cell data of the cells thereto.

1459826072-fcd7b543-f931-430b-8258-1c66f5c9406e

A data processing apparatus having a plurality of memories is provided in which address generation logic outputs to at least one of the plurality of memories a target memory address corresponding to the data to be accessed. The first power supply circuit converts a source voltage from an externally supplied direct current power source into a first voltage and provides the first voltage to an output terminal. Golf balls of the present invention include one-piece, two-piece, multi-layer, and wound golf balls. The SRFFT control block determines a decomposition structure of a 2M-point FFT and controls the SRFFT processor to repeatedly perform a butterfly computation along the decomposition structure.

1459826073-06a07df8-b0c8-4fa2-b2ba-3c4a6ef41d3e

To provide: a coated wood composite having surface properties such as transparency, smoothness, gloss, uniformity, and depth, and excellent in various physical properties such as durability and strength; and a method for producing such a coated wood composite efficiently and easily. The ejectable device includes an impulse cartridge having multiple charges that are independently activatable. A highly doped silicon region of the first conductivity type is in the drift region and is laterally spaced from the lightly doped silicon region such that upon biasing the schottky diode in a conducting state, a current flows laterally between the lightly doped silicon region and the highly doped silicon region through the drift region. The first wire and the second wire are each horizontally disposed along side each other forming a part of a sidewall capacitor between facing sidewalls.

1459826073-504d02d2-6e9e-4267-85eb-cf3edc6b86a7

It is intended to feed back any somatic sensation information on given body surface portion in easily understandable form without the use of special sensations, such as visual and auditory sensations. 04 times and equal to or less than 0. The system identifies a first string to be transmitted within a first message.

1459826073-644278ee-0786-45ef-8d2d-d6810d5f69d8

The present invention relates to a method and apparatus for controlling data traffic in a time-division duplex system that uses multi-component carriers. The device includes at least two supply circuits for making available the currentvoltage supply and a protective device for intrinsically safe current and voltage limitation of the power supplied by the supply circuits to the load in the explosion-proof area. A method of manufacturing the sealed body in which sealing is uniformly performed is provided. The first copolymeric binder can include at least one of the multiple polymerized monomers but which is different than the copolymeric shell.

1459826073-6feb3589-ace6-4c5e-9cec-be7f9f119a4c

Systems and methods are provided for dispensing portions of viscous material, such as the viscous materials used to form crystals of membrane proteins or soluble proteins. The insulator includes a rear body portion, a middle body portion and a large-diameter portion located between and protruded radially outwardly from the rear and middle body portions to define a rear shoulder section connected to the rear body portion and a front shoulder section connected to the middle body portion. The printed circuit board with a signal connector is connected with the display panel and disposed between the display panel and the printed circuit board. A master clock generates a system time signal that the network devices use,

together with a network time protocol to generate a local clock signal synchronised to the system time signal for both rate and offset. A module card comprises: a base board; a chip mounting on a surface of the base board; a golden finger on the board and electrically connecting to the chip; and a packing layer forming on the chip for covering the chip. The invention is embodied in a route and path management system which includes a data collector for collecting data from the individual network elements, a management server for processing the routing data collected into manageable route and path objects and a graphical unit interface for allowing a user to manage and monitor routes and paths in the IP network.

1459826073-bb54a9a1-6e2f-4520-9b11-1f9d2627350e

Methods, systems, and apparatus, including computer programs encoded on computer storage media, for speech recognition. For example, the method receives at least one block of a signal to be encoded. Further, an insulated gate field effect transistor formed on the same substrate as the gold electrode is used as the potentiometer. The seat includes a seating surface configured to receive the user's buttocks in a sitting position. The first switch control circuit controls the multiple stages of shift register units to turn on in a forward sequence; the second switch control circuit controls the multiple stages of shift register units to turn on in a backward sequence. The resiliency of the contact bumps serves to bias the wobble plate to a normal or rest position when tilt forces are removed from the contact bumper.

1459826074-3662309d-2d10-400f-b7d4-540264cdb647

A computer network environment that supports both Common Object Request Broker Architecture and Data Distribution Service can employ the techniques described herein. The packaging case is used for a wiper blade curvedly deformed into an arc shape when mounted and used on a vehicle. Also disclosed are applications of the nanoparticles of the present invention, and methods of fabrication of the nanoparticles of the present invention. Also partially defined by the impedance assembly is a flow opening which extends from the inflow end to the outflow end.

1459826074-e22af45b-eb35-48dd-aab4-cc1ea68eb6d2

There are provided a semiconductor memory device and a refresh control method thereof to realize a refresh operation without any problem for external accesses while realizing low current dissipation operations for executing the refresh operation in separation from external access operation, in which the refresh operation is inhibited during execution of the external accesses. Embodiments of the invention include an attachment for a harvesting machine, and a method of harvesting a row crop in a way that directs harvest residue into relatively narrow strips, leaving strips of soil between the strips of harvest residue in better condition for strip-tilling. Additionally, vibration of a rotation body can be minimized due to the simple configuration of the disc centering device.

1459826075-3a1ccd19-071f-4be7-8770-b0838e1c2557

The invention provides an antenna system for wireless communications and in particular to a multiple antenna system for operation in conjunction with a radio frequency front end for wireless communication. Specifically, the collaborative presence awareness system is such as to enable users to specify complex presence awareness policies. Novel compositions, methods of preparation, apparatus including layer-by-layer assemblies coating, electrospinning and ultrasonic atomization, skin coverings containing and medical use of the complexes are described. In response to an indication that the name of the calling party is unavailable, the method accesses the databases and searches for the matching telephone number and corresponding city and state names. The sampling voltage adjusted at the lower level periodically adjusted to a higher level to reduce errors in the determination due to insulation films on the contacts.

1459826075-8dfcb2b2-f0df-46e1-93e5-6ed774a77e8e

An oil supply passage of a cylinder head increases design freedom of cylinder heads. The moving part is linearly movable. A bottom portion of the ferrule is sized to receive and surround an upper end of a hose of a club head. For example, in an SOI FET, sub-insulator layer voids can be selectively placed in the substrate below the source, drain and/or body contact diffusion regions, but not below the channel region so that capacitance coupling between the these various diffusion regions and the substrate will be less than capacitance coupling between the channel region and the substrate. The fluency transform has a plurality of modes, each mode being selected in order, the code-length being calculated for all of the modes. This invention also provides pharmaceutical compositions containing such compounds; processes and intermediates useful for preparing such compounds; and methods for treating disease conditions mediated by muscarinic receptors, such as overactive bladder, irritable bowel syndrome and chronic obstructive pulmonary disease, using such compounds.

1459826075-a4b3d4ca-bf6d-4ba6-8bc8-2fa35d2610bb

In an ink jet printing apparatus including a plurality of nozzle arrays, if a print position displacement between the nozzle arrays is adjusted, it is possible to perform high-speed printing at the time of performing a printing operation using only a single nozzle array. The invention is multi-output multiplexor that, depending on the control signals, allows various modulating circuits to pass no voltage, pass some voltage or pass all the voltage on one of the multiplexor's ports. The glass sealing material includes a P2O<sub>5</sub>/Al<sub>2</sub>O<sub>3</sub>/ZnO-based low-melting glass that includes 55 to 62 wt % of P2O<sub>5</sub>, 5 to 12 wt % of Al<sub>2</sub>O<sub>3</sub> and 20 to 40 wt % of ZnO in weight %. Techniques disclosed herein provide an hermetic seal between the tube and the mounting frame and a rigid seal between the MEMS sensor to a pressure sensor while decoupling thermal expansion stress from the MEMS sensor.

1459826076-0e386b87-387e-443d-b9b3-bbd6e4a6a9c4

Articles of manufacture and a method of making the articles are provided. A first WTRU modifies a physical layer protocol data unit frame to include beacon information. The array further includes a plurality of electrical insulators and an electrically insulative housing having a plurality of slots. The current limiting module decreases the output current when the input voltage decreases to less than or equal to the first threshold, decreases the output current until the input voltage increases to greater than the first threshold, and decreases the output current by an additional predetermined amount after the input voltage increases to greater than the first threshold.

1459826076-9c6007a8-f3a9-420a-a6f6-f186c0426c65

Light source monitoring apparatus includes a light source having drive electronics for supplying drive current to the light source. In-fed spring assemblies are precompressed prior to winding on the mandrel, which is mounted to a pivotable arm to permit controlled compression of the spring assemblies against a fixed compression roller. A torsion spiral which is capable of rolling up the special curtain and a stop means for lifting the second circular tube are arranged in the second circular tube.

1459826077-0cd63d00-02fa-4e1f-8bd1-97edf64dafa4

A display apparatus according to the present invention has a plurality of electroconductive layers outside of an image display area. Each combination plate is made of foaming PU and has a protruding edge to extend upwardly. The bed has an opening defined therein. Circuitry on a second data path may be configured to adjust the input signal based on the configured acquisition parameters. The actuator has a third wall that extends toward the base plate and between the first and second walls. When the axial-flow fan is operating, a first airflow is generated.

1459826077-3f59da2a-bb0e-4236-a023-ece0212d8465

A modular weighted base bicycle stand having cross over and adjustable application. In some embodiments, the method provides the ability to specify for a particular firewall rule, a set of network nodes at which the particular firewall should be enforced. Then, a stress-dispersing weld bead is laid to extend between the weld area which is an area subject to stress concentration and the first component, wherein the stress-dispersing weld bead is set to a direction and length capable of preventing fatigue crack from occurring in the first component. In one embodiment, the memory representation is a graph comprising a number of nodes and directed links between the nodes. The extension further has a second flanged area in order to avoid over-insertion of the second member into the first member. Wherein the wobble data signal and the wobble clock is generated according to the read back signal.

1459826077-84de287f-1a8a-4520-bddb-e24fc6e354e3

The present invention provides a method of manufacturing a semiconductor device. Preferably the cocatalyst is organic such as an alcohol or a carboxylic acid. Next, the user inputs an operational instruction for setting a plurality of distortion parameters pertaining to the image data, which include a distorted side of the distorted object image, a central line and a distortion ratio.

1459826077-8592f839-2364-44cd-9d0e-d47e6df3f2dd

In one embodiment, the invention is directed toward an apparatus that includes a first layer and a second layer attached with one another via sets of fastening elements formed on the layers. This change in the closing timing increases with the decreasing engine loads. The display movably is supported by the mainframe. The data contains information for the client system to resume execution from the saved system state without executing a boot-up process after a power-off state.

1459826078-12fe5310-fbc0-485b-990b-d9512c6dc544

A method for detecting a fault in a physical system uses a model of the physical system and calculates estimated dependent variables or conditions for the system using substantially only independent variables that are measured from the system using hardware redundancy or selected based on their better measurement reliability. In some aspects, transdermal delivery may be facilitated by the use of a hostile biophysical environment. This may also be done by determining a center point between the start and end point.

1459826078-5177db86-3e28-4fb1-a992-9c0694202f4d

A disk drive is disclosed comprising a head actuated over a disk comprising a plurality of data sectors. The display apparatus with the camera includes a display element in which display pixels are arranged, and an image-taking module which forms a plurality of object images through a plurality of aperture areas formed among the display pixels of the display element and photoelectrically converts the plurality of object images. As a result, a structure of the device is simplified, and the device may be highly integrated due to repeated stacking. For chemical treatment, on the other hand, part of the water being delivered by the ballast pump is bypassed into an ozone impregnator thereby to be impregnated with ozone from an ozonizer. The numbers  $\lambda_1$  and  $\lambda_2$  are dependent on the wavelength  $\lambda$  of the light guided by the fiber, the number of missing gaps therein, the diameter  $d$  of the gaps, the spacing  $s$  thereof and  $N$ .

1459826078-ac67e65c-8c9d-40ec-b5dc-fc378c877448

A magnetoresistive element measurement circuit configured for measuring resistance of a magnetoresistive element biased by a current source is disclosed. In detail, the invention includes a first reversible electric motor coupled to the member for moving the member backwards and forwards. , as obtained by a handheld device such as a cell phone.

1459826079-36891029-d77e-47e0-a25e-ce2db8a80649

Devices and methods for iteratively sampling a wideband signal in order to recover one or more narrowband signals are disclosed. AV data recorded on a pre-recorded tape is output from a reproducing unit of a first digital VCR with protective information indicating whether the copy of the AV data is inhibited or not. The method provides a guidance information overlay on the image. The ice maker further includes an ejecting unit that is disposed on a side of the tray member and that is configured to facilitate separation of an ice piece made in the spherical shell from at least one of the upper tray and the lower tray. The subclasses are grouped by functionality into at least two groups comprising a standard group and an extension group. In the final state of the transfer of torque, the power-receiving clutch transmits the entire drive torque.

1459826079-64aa9a86-b22c-4df3-aa09-72c6ff460522

An entertainment system for use with a magnetic resonance imaging device that includes video glasses and headphones. In one embodiment, a system includes an eye analysis module that analyzes a patient's eye and generates biometric information relating to the eye. When the vacuum switch is open, the chopper is actuated precisely when the AC grid voltage is temporally located relative to the chopper input voltage, such that the amplitude of a voltage difference between the AC grid voltage and the chopper input voltage corresponds to a predetermined test voltage.

1459826079-d1405e92-e9c7-47e6-9c83-9120a5e0b529

A substrate has a top surface for receiving a semiconductor die. Also included is a pair of leads disposed over portions of the free layer. A cigarette filter of such a cigarette filter material can efficiently and selectively reduce formaldehyde. If no non-congested paths are found, the multimedia bridge scales the video portion of the UBR multimedia conference signals so that the UBR multimedia conference can continue. The etched preliminary active pattern is trimmed to form an active channel pattern having a width less than a lower width of the hard mask. 3, performing crosslinking between the units of the solution, and thereby forming a solid lens in the enclosure, optionally under a forming pressure.

1459826080-483bad6e-8008-4b82-af1c-159f53f276ce

A system and method for securely exchanging plurality of information items used to generate a plurality of encryption keys used in a public key-and-private key system. The level is calibrated by using a known level surface to stand upon and then adjusting the level so that it reads level when standing on the known level surface. The LED array is mounted in the lamp holder. The cooling stream passes through a turbo expander creating work output. The channel is transitioned from partial service mode to full service mode when the channel is in partial service mode and the modulation mode for the channel is greater than the trigger value. If the digital hardware determines that a digital data value is less than the low percentage value, the ratio  $k_i$  exceeds a second threshold value, a predetermined interval of time has elapsed, and the gain level is not set to the highest gain level, then the gain is increased.

1459826081-3554bdce-b8a9-416d-862d-3a3f82e9be06

Embodiments include an article of manufacture, apparatus, device, system, computer-program product, and method. The system includes a driver circuit shared by a pin interface and a complementary pin interface. Improved physiological assessments of photosynthesizing organisms can use SDC analysis and temporal LSE measurements to assess variable fluorescence corrected for SDC-retrieved background fluorescence. The spring biases the axially slidable spring seat against the stack of disks to normally close the compression flow passages, and the stack of disks is held by the spring seat.

1459826081-46cde8d5-4fb1-4bb7-923d-cea4e220dc91

An ADSLPOTS filter arrangement includes a filter and a switchable return loss correction circuit coupled to one side of the filter. The controller circuit

monitors voltage produced by the voltage regulator circuit. A water circulating system is provided for circulating water from the aquarium through the at least one tray and back to the aquarium. The facial image enhancement module augments the user's image using the embedded Facial Enhancement Technology in real-time.

1459826081-cda05d32-c6ee-4270-9e53-98960211bcf0

An isotonic drink that is especially designed for children between the ages of 6 and 12 years. The optical transmission line is formed by fusion-splicing a first optical fiber on the upstream side and a second optical fiber on the downstream side. When a new measurement of the process variable is unavailable to the controller, the reset or rate contribution component that was generated in response to the receipt of the previous process variable is maintained when generating the control signal. Under the condition that the accuracy is reduced, if the latency is likely to be greatly lower than the requested latency, the system changes to a calculation system having a higher processing accuracy. A plurality of link data records may be stored in the first level.

1459826081-fe54a222-5df8-487a-bf4d-1ac7f5d0be13

A semiconductor memory device includes a plurality of memory areas. The pump includes a pump frame with a platen. The jets are composed of wavelet transforms processed at node or landmark locations on an image corresponding to readily identifiable features. , to reduce the encoding rate to meet bandwidth constraints associated with a wireless communication channel. A bracket is connected to the flashing via the fastener, and the bracket is sized to support at least one roof-mounted structure on the roof.

1459826082-af08985d-7c88-453c-9e97-c9276502d31c

A single damascene or dual damascene interconnect structure fabricated with a photo-patternable low-k dielectric which is cured after etching. This polymer is composed of segments A1 and A2 each having at least either of modified and unmodified amino acid groups, and segment B composed of PEG having a number average molecular weight of 8000 to 50000. Depending on the nature of the input power supply, the first power stage is an AC-DC power converter with variable output voltage control and a second stage is a DC-AC power inverter with constant current control.

1459826082-baa3b03f-8dda-465b-abf2-50bc07d14c17

An apparatus for measuring alignment and tilt of a CRT neck attached to a recycled CRT funnel portion includes a support structure that engages and supports a seal edge of the CRT funnel portion, and a plurality of stopper pads which engage respective alignment stoppers molded on the CRT funnel portion. For this purpose, the radiation image pickup apparatus has a switching unit which is arranged between a signal wiring and an amplifier and can switch electrical connection among a plurality of signal wirings and electrical connection between a predetermined one of the plurality of signal wirings and the amplifier corresponding thereto. The assembly has the universal magnet roller press apparatus and a plurality of magnet roller adaptors for attached to the magnet roller during removal and installation of the magnet and the hub. The cartridge containing a first non-isoelectric separation barrier and also a second non-isoelectric separation barrier disposed between a selected one of the cathode buffer zone and the anode buffer zone and the first barrier so as to define a first chamber having an interstitial volume of less than 5 ml therebetween. The system utilizes a variety of sensors inside the container to sense internal environmental conditions. The link assembly couples the trigger mechanism and the bubble generating device in a manner in which actuation of the trigger mechanism causes the bubble generating device to move past the wiping bar and to contact the wiping bar, so as to create a film of bubble solution across the bubble generating device.

1459826082-f49ebaef-ec57-464f-ac07-788b0cf430a3



Described herein are methods and devices that employ parallel compression of image data using a lossless compressor and a quantization compressor. An oil pan is disposed below the crank case. by contacting the solvated FDCA composition with hydrogen in the presence of a hydrogenation catalyst under a hydrogen partial pressure within a range of 10 psi to 900 psi. The present invention can also be integrated with MEMS element into a single chip to achieve single-chip MEMS. The annular locking member engages the case and the driver sub and restricts the rotation of the driver sub relative to the case about the central axis. The flexible head member is adapted to be received by the structure to secure the accessory to the structure.

1459826082-f88993e3-bd36-4fd5-9733-395a0fea72aa

A method and apparatus for restraining pipe against internal forces at a pipe or fitting connection and to join and seal at least two pipes to form a pipeline is shown featuring an improved restrainingsealing mechanism. According to the invention, the inner surface of the straining ring has at least two grooves in the form of circular splines, they extend across the entire angle region of 360°  
0, and the outer surface of the neck has the same number of cams in the form of spline profiles, which extend across an angle range of less than 360°  
0. A ball, coupled to the end of a handle, is inserted into the socket, permitting the sanding pad to both pivot and rotate freely about the handle.

1459826083-33f89ea7-8448-4068-8c47-ecadc5944653

A computer system having a host computer is connected to a disk drive for providing a key to enable a feature controlled by the disk drive. Each flange has an inner edge and an opposing outer edge and joins an opposing side of the nose at the flange's respective inner edge. As more speakers are added, content is adaptively associated with that you speaker, and taken away from the previous. A key-using process execution part 1010 executes the key-using process such as generation of a keyed hash value, by using the key generated by the key generation part 140. The inhalation tube is connected to an apparatus for providing pulsed amounts of the material entrained in filtered atmospheric air.

1459826083-54677638-5bfa-474f-8422-8db7f3370e97

An integrated housing for a lens and a photodetector, which is being cooled to low temperatures to enable the detector to detect faint emission of photons. Operations are also performed to thicken the feature skeleton by replacing the plurality of smooth edges with corresponding pairs of curves that locate longitudinal boundaries of transitions between primary regions of the feature skeleton. A net-list or schematic is generated from the multi-layer display of the vector format data. At a first end of travel of the trolley along the track, the trolley is disposed laterally alongside and vertically offset from the mounting frame such that the space above the mounting frame is unimpeded to permit a user to access the attic space using the deployed ladder.

1459826083-658cdba4-3bbd-4ce6-b97d-d5832399cf82

A general short-range remote control alerting system consists of at least one transmitter or encoder device in communication with at least one receiver or decoder device. The first segment preferably has a unitary body with the plurality of compound segments spaced from such a first segment. The received sheets are scheduled to be printed with at least one of a first and a second sequence by at least one of a first and a second marking engine based on a comparison of the image content in corresponding selected portions of each front and back image. An optical combining switch matrix is disposed downstream of the wavelength-conversion channels and combines outputs from separate wavelength-conversion channels into a single output channel. A software control bit is used to switch between a power-on mode of operation and a power-down mode of operation.

1459826083-74823772-3b46-4cd2-b675-e9b5778732f2

A Push-to-talk over Cellular communication session is established between an inviting PoC client and at least one invited PoC client using an IP Multimedia Subsystem network. The bridge circuit may be coupled to a first bus employing a first communication protocol, and a second bus employing a second communication protocol. The speech data is then analyzed to identify all possible triphone sequences in the stream, and the various units chosen for each context. The cooling circuit additionally includes a suction accumulator and a flow path extending between the evaporator and the suction accumulator, while a fourth flow path extends between the suction accumulator and the compressor. In another feature, a buffer synchronizes phase data to a reference signal before inputting it to a digital modulator of the phase locked loop.

1459826084-0ebd51e6-1500-430c-bd1e-761dd1c98565

The present invention relates to oral compositions comprising a stannous ion source, a fluoride ion source, and a polymeric mineral surface active agent that binds stannous, said compositions providing adequate therapeutic efficacy with minimal side effects of tooth staining and astringency. The oven may include at least one cooking element and at least one control system coupled to the cooking element, the control system including a processor, a storage device, and an input interface. The board-dividing apparatus is equipped with a number of cameras and with controller which utilizes deviation measurement information to adjust the spacing of the saw blades. The first power amplifier is used for receiving the RF signal, amplifying the RF signal and outputting the RF enhanced by the first power amplifier and a feedback signal. The method further includes the step of configuring the peer system components using the propagated parameters during customization of the FPGA-based SoC and creating a software interface to the selected system components and to the peer system components. The contoured composite seat back provides designaesthetic flexibility.

1459826084-7f064d81-efaa-4b7f-a4be-e79081ce89e2

A pawl structure of ratchet wrenches has multiple engaging teeth, a first recess and a second recess. The camera is operated by use of the control device to expose a thermal image over a selected time interval to correspondingly select a thermal image over a particular selected temperature range. slags, which are in liquid form by introducing water into the liquid slag thus causing it to cool at a slow rate so that the solidified slag contains a porous crystalline or utrified structure according to the rate of cooling, which structure is stable at ambient temperature. The plurality of electrode heads can be affixed by the fixation mechanism at a plurality of spaced apart locations of the GI tract.

1459826084-dd7c9791-d2de-45f1-8d4d-7c4733af7755

A method, system and computer program product for adaptively tracking the position of an entry portal, such as an automatic garage door. The print may include additional invisible information which relates to specific parts of the image. The apparatus includes a conduit having a flexible metallic hose portion and a metallic head. The MWT is constrained to operate under an aggregate transmit power limit. The cover is pivotally and slidably engaged with the main body for covering the receiving groove, and the latching tab is latched with the block. Using the mask, the background from the second image can be removed and replaced by virtually any other desired background image.

1459826084-edf52e3f-0005-494a-b876-df907e7b162f

A two-stage amplifier of a first-stage amplifier 21 and second-stage amplifiers 22 and 23 is provided. Related apparatus and methods are also described. The first link plate has an outer side.

1459826085-717e6591-6f0c-49a5-99f0-de52dc215ab1

This invention provides an improvement in a control stick adapted to control the movement of an object. Also described are irreversible inhibitors of Btk. The

intermediate masks are used in a mask stepper or scanner progressively for projection again into a common pattern on a test mask. During the operation local high points which project above the spherical surface are ablated. A first insurance premium may be calculated for the single insurance policy using at least the first amount of insurance and the first replacement cost.

1459826085-9c574321-8171-4ec2-a0cc-ce42020f3752

A method, a user communication device, and a base station are disclosed. The bottom cavity is designed to engage with a through-hole. The invention provides for a reduction in response time of the actuators and a reduction in complexity of an algorithm used to control the apparatus. However, NCT UEs may receive signals from both the first carrier type and the second carrier type.

1459826085-bab3c76a-c5d7-4856-84c1-5781fd60631a

A system and method for reconfiguring a computing environment comprising a consumption analysis server, a placement server, an infrastructure management client and a data warehouse in communication with a set of data collection agents and a database. When a magnetic disk is produced by using the resulting magnetic disk substrate, the yield and, furthermore, the reliability can be improved. The resulting complex is reacted with a polyclonal anti-FMRP rabbit antibody and then mixed with an anti-rabbit IgG antibody conjugated to phycoerythrin.

1459826085-fec82438-8648-4e06-bd86-87b5ea50878b

An environment recognition system recognizes a substance moving in relative thereto, with using a modulated beam. A pair of spaced securing portions extends from an end of the load plate, around which the load plate is pivotally mounted to the stiffener. One of the plurality of input voltages is provided at a center tap of a secondary winding of the transformer.

1459826086-a0bab020-3371-443b-9424-3136e6469f45

A compression and decompression system in which a reversible wavelet filter are used to generates coefficients from input data, such as image data. One embodiment comprises a method for automatically loading data including configuration data to a configurable integrated circuit upon initialization of a system in which the configurable integrated circuit is embedded. Two flow restrictions and a valve mechanism may be employed to control lubrication of the differential mechanism. Stiction, buried charge layers, or a combination of stiction and buried charge layers can be incorporated to modify the stability of one or both deflected states for the cell. When an area density is defined as a value calculated by integrating a concentration profile of second conductivity type impurities in each of the channel region, the first anode region, and the second anode region in a depth direction, an area density of the channel region is higher than an area density of the first anode region and an area density of the second anode region. The method may, for example, be used for zero level packaging of MEMS or NEMS devices.

1459826086-b3e5aac0-8711-4ce4-9a7b-320068ad686c

MDCT or FFT-based audio coding algorithms often have the problem named here spectral pre-echoes when coding an energy attack signal. The method also includes requesting that a data network connection device remotely connected to the end device attempt to determine a cause of the problem when the end device cannot resolve the problem. The station also comprises a stop which is arranged on each side of said sliding surface and which is provided for the printed products, and comprises a slotted nozzle which is provided for the adhesive and which extends over the entire width of the sliding surface.

1459826086-e6e8c962-95c4-4573-b1c4-560806bcac4d

A container for shipping and/or storing a stack of paper is disclosed. The substrate has the semiconductor chip mounted on one surface thereof. Also, since this connecting member only serves to connect the pair of holder plates, a thin rod-

shaped connecting bar can be used.

1459826087-24c8cb8f-ef0a-4eba-b22f-329059b1b2d7

A transceiver of an apparatus supports communication with at least one additional apparatus. The system includes a local agent for facilitating a remote session; an operating system generating a request to enable a display device controlled by a display adapter; and a filter executing in a driver and in communication with the local agent, the filter intercepting the request generated by the operating system. Each seed metering unit is selectively driven by a common drive member, such as a drive shaft.

1459826087-577a8190-5d8d-4a70-bc96-3c2bacab9269

A unified web-based voice messaging system provides voice application control between a web browser and an application server via an hypertext transport protocol connection on an Internet Protocol network. Trenches are formed in a semiconductor substrate at gate edges. In each reaction cycle, the enzyme catalyst loses activity.

1459826087-67a4270a-976d-4d4e-b9c9-cd67427ec42e

A shoe press belt having formed on an outer surface a plurality of parallel machine direction grooves. A storage module is recessed into the rear of the seat back and can be conveniently accessed by a driver in a driver's seat along side the passenger's seat when the passenger's seat's seat back is folded onto its seat cushion. In a preferred, but non-limiting, embodiment the resonant load circuit forms a load in an RF low noise amplifier, such as a balanced inductively degenerated common source low noise amplifier. The timing windows can be viewed in terms of the individual process parameter. If the regular transmission is carried out, the transmission judging part refers to the transmission history table. Such a runtime system enables users to leverage the computational power of parallel-processing computer systems to accelerate/optimize numeric and array-intensive computations in their application programs.

1459826087-7ff16953-e214-4fe5-a444-a5b6f9e836de

An apparatus supplies power to at least one discharge lamp. A tip seal element is mounted on the adapter plates. Remaining peers of the plurality of peers may be arranged at subsequent distribution levels in order of descending upload capacity, such that each peer has an upload capacity that does not exceed the upload capacity of any peer at an immediately preceding level. The power protection element is coupled between the two output terminals to protect to the logic circuitry from high power transients.

1459826087-9c9531e3-0c60-43c9-89c5-24c042e16f3a

The permanent magnet electric generator includes a plurality of ferromagnetic bars disposed in spaced apart relation about the circumference of a non-magnetic, annular rotor body circumferentially surrounded by an even plurality of stator rows uniformly distributed around and arranged normal to the rotor. The outer wall panels in the side walls are disposed orthogonally to the outer wall panels in the end walls to define a rectangular or square outer container configuration, and extension panels on opposite side edges of a first pair of the inner wall panels extend diagonally across interior corners of the container to define with the inner wall panels an octagonal inner container configuration. The lever may consist of two parallel rods fixedly attached to each other and pivotable around a common axis, or the rods can be independent, pivotable around the corresponding axis. The method includes collecting sets of transmittance images representing transmittance of electromagnetic radiation through the dispersion, generating values of a general interfacial property factor from the transmittance images, and characterizing the interfacial property using the values of the general interfacial property factor. The interface system is configured to receive the request message for the processing system. In addition, each of the resources includes a termination

protocol unit which collects states of updating processes of the resources, and executes a termination protocol by determining whether to commit or abort the own updating process, on the basis of the collected states of the updating processes, regardless of the notification from the coordinator.

1459826087-f79757e8-acd9-4edb-b8f6-4baaf18c0a07

An electronic component comprising an integrated device and a plurality of packaging layers in which routing between locations on the device and lands on the surface of the component is provided by a redistribution layer. Then, a reflective action of a muscle to resist this load acts on the gluteus maximus muscle, and then the leg is moved further backward, resulting in a wearer's waist being twisted backward greatly. The inlet and outlet ducts are horizontally spaced apart from each other and are fluidly connected to each other through the intermediate ceiling cavity to form a ventilation path.

1459826088-7928a5c0-8238-46f6-9e95-2696646a0f9e

RGD-chlorophyll and RGD-bacteriochlorophyll conjugates that home and accumulate in necrotic tumor domains much longer than in tumor non-necrotic domains are provided for use in minimally invasive tumor-targeted imaging, tumor-targeted photodynamic therapy, and/or on-line prognosis of necrotic tumors. The cellular cushioning article may be used to wrap items such as fragile items needing protection during storage or shipping. The first magnetic pole width  $H_1$  and the second magnetic pole width  $H_2$  are formed to satisfy the relation  $H_1 \leq H_3 \leq 3T \leq H_2$ , wherein  $H_2$  is a physical tape contact width of the transducing head and  $3T$  is a width of three adjacent recorded tracks traversed by the head. The plurality of membranes are coupled to the liquid-filled chamber, and a plurality of optical waveguides are coupled to the liquid-filled chamber.

1459826089-1789f45b-4627-4af4-a163-fda66bce5687

A variety of electrodes for use in a plasma arc torch are provided that improve cooling between the electrode and an adjacent cathodic element such as a cathode. In one embodiment, the holding tool includes a body portion including first and second curved portions, where each of the first and second curved portions includes two or more teeth. The microwave transmission is received by a base unit comprising another microwave transceiver and Ethernet transceiver linked to a computer.

1459826089-3a870dd4-2706-45bf-b1cb-cd9cb407ef62

A system and methods of using commodity switches to produce a switch fabric are disclosed. In one embodiment, a gesture recognition simulation system includes a three-dimensional display system that displays a three-dimensional image of at least one simulated object having at least one functional component. The mounting apparatus includes a pair of mounting uprights and a hitch tongue which is easily mounted in a hitch receiver which is secured to the front of a vehicle.

1459826089-94c154f3-1f74-4e6c-b861-46d368409cbf

An air suspension includes a plurality of air spring assemblies that each include a piston airbag and a primary airbag mounted over the piston airbag. The pod making system has a base for receiving a pod packaging material and a sealing tool pivotably connected to the base. A securing feature can have a first notch that is adapted to engage the orbital ring to allow rotational movement while securing the gear within the aperture. The first portion excludes at least a portion of the message body.

1459826089-caafe75b-a36f-4357-8a4f-8112a7a73f4d

Devices with electrokinetic elements are disclosed as well as their method of microfabrication for use in micro-scale analysis, mixture separation and reaction. An intermediate node is selected for relaying the message unit between a source node and the destination node in response to the predicted location of the destination node. The first encoding scheme may be performed based on a number of

transitions within the group of data bits for each data channel. The ELCD provides a code-demodulated signal to the TCD and the PE. Thus, a negative electrode can be produced without being degraded by air.

1459826090-2a0232c9-1c62-4bc6-bb40-0897a9a8a8e6

First and second polarization plates are disposed on both sides of a liquid crystal panel in which thicknesses of a liquid crystal layer are set up depending on colors of color filters. The sensor structure is provided with trenches whose width is not larger than a maximum trench width, which is sealable by the first sealing layer in the form of plugs which do not extend to the trench bottoms. In response to the determined conflict, the access terminal can employ a modulation and coding scheme for the data block. The extension driver extends or overrides functionalities of the BAMS driver.

1459826090-f830d2d6-f99a-4605-8551-276bf5175b8b

A method for auto-addressing a device in communication with a controller is disclosed. The first gas stick has a first flow path that includes a first plurality of ports formed in a common plane, and the second gas stick has a second flow path that includes a second plurality of ports formed in the common plane. The electret layer can be formed of a material that retains its electret properties extremely well even in high temperatures and humid conditions.

1459826091-0b3678fa-c96f-4abd-b1a4-9819b0ca4341

Provided is a solid electrolytic capacitor with low ESR and excellent reliability during high-temperature storage. The first battery module is connected to at least one second battery module subject to a current load after obtaining the first voltage intensity. The positive electrode includes an exposed positive current collector portion uncoated with an active material and formed in one end in the width direction of a strip-shaped positive current collector, and a positive lead is attached to the exposed positive current collector portion. A first catheter engages the first component for translation to the implantation site and a second catheter engaged with the first is provided with a prepositioned guide wire inside the second leg which may be employed to easily position a guide wire for engagement of the second leg with the leg extension.

1459826091-5bd36b49-032c-4e4f-a3cc-c71396b94048

System and method for developing cognitive skills in a student, utilizing a computing device to present stimuli and to record responses. The different buses transmit signals changed at different timings. Each processor can work on any one of the connection levels and can independently process incoming or outgoing DTUS. The spacing between the two nozzles along the scanning axis and the spacing between the two positions along the scanning axis are predetermined. Wherein each pressing arm includes a bending portion extending to the central plane and a pressing portion extending from the bending portion, the pressing portions are overlapped seen from a direction along which the contacts are arranged.

1459826091-ee5d7bd9-d0d1-46e2-a916-b4b73d15e641

A vehicle alternator control device has a power transistor, a flywheel diode, a voltage control circuit, a primary power supply circuit, and a secondary power supply circuit. Therefore, a light incidencereflection plane of the LCD panel is disposed in an almost hermetically closed space and an optical path from an integrator lens to the LCD panel is formed in the almost hermetically closed space. It is assumed that the surrounding dielectric material is a first dielectric with a first permittivity and the substrate is a second dielectric with a second permittivity. The conductor extends from the electrical connector to the mounting interface to provide a conductive pathway between the mating connector and the circuit board. An object recognition or identification system or other morphological characteristic determining system may be used to determine that the occupant is one which requires adjustment of the component. 5\xb0 with the plane of

incidence on the exit window.

1459826092-4ddaf4b4-7bc3-40f3-831f-50df381ea33f

Method of producing spring wires shaped as a cylinder. A false bottom or other compartment may be provided within the purse, for containment of the battery pack and its circuitry, and into which the cable-like sources may be plugged into, during usage. The wire is gripped and rotated in the anti-helical direction for a relative rotational interval of greater than one-half, and preferably three-fourths, of a complete relative revolution. According to the present invention, REM mirror uniformity is improved with minimal sacrifice in switching speed by utilizing a lower drive voltage when the mirror electrode sheet resistance is high, and a higher drive voltage when sufficient mirror metal is present to appreciably reduce the sheet resistance. The processes comprise reacting said compound with a hydrogenating agent and a heterogeneous hydrogenation catalyst in the presence of an ionic liquid. The passivation layer is disposed on the first built-up layer and is provided with openings exposing the first interconnection scheme.

1459826092-c45ddaa9-d208-4c15-a789-c97060054d52

According to one embodiment, an LED package includes lead frames, n LED chips and a resin body. The stiffer the media, the more likely the tendency to curl. The adaptive filter may be disabled from updating responsive to at least one of the first condition and the second condition not being satisfied. A first clutch between the first and third coupling, a second clutch between the first rotary element and the third coupling element, a third clutch between the first and fourth rotary element.

1459826092-cb413fd1-ff7b-445f-8724-9cf3afb9c32d

Tools and methods for abrasively cutting downhole pipes and casing. The type of the input image data is determined. The liquid in the orifice effects resonant oscillation with a vibration input during engine idling operation.

1459826092-e7e69702-1ca7-461f-a0ce-a1266d82ceda

A compact and efficient ultraviolet laser source based on a optically-pumped solid-state or fiber laser that produces near-infrared output light suitable for nonlinear frequency conversion. Each circuit module includes a circuit board accommodated in the housing. In some embodiments, a type of shielding mesh is selected to make more routing area available in locally congested areas. When a user speaks, that user's VCC IHS detects audio, thus designating a speaker participant.

1459826093-525330ed-6d6a-4f25-8e80-0dbf451cf7b3

The invention relates to a method of producing soluble polymer granules which are suitable for use in washing and/or cleaning surfactants. The present invention focuses on a surface of an electrode containing a metal and on a layer containing a light-emitting organic compound. An optical radiation source which produces optical radiation at an instantaneous intensity sufficient to cause non linear or otherwise enhanced interaction between optical radiation photons and the donor compound is used to decompose the donor compound and deposit the metal on the substrate. The electrical stimulation enhances air flow to the respiratory system. The limiting filters are switched according to the endoscope ID or observation state in the fluorescence mode. The clock input IO includes a first input buffer having a large threshold, a second input buffer having a small threshold and an input selector.

1459826093-565c9b8b-0a93-4b0e-96bd-e38a24aa1e35

Disclosed is a method of manufacturing a through-via. In one embodiment, an information handling system includes power level detection and power control modules. The present invention, by automatically substituting equivalent medical items for a requested medical item and by automatically archiving each prescription transaction, simplifies the prescription filling and record keeping requirements

for the pharmacy technician and pharmacist. The third wall portion includes a tab.

1459826094-33faff3d-ab11-4f2b-9767-a53d0201d0c9

An apparatus, system and method for a neural engine for recommending picks in an on-line fantasy sport draft and in on-line fantasy trades. In the method, the roll mantle is supported on the roll axle by means of hydraulic sliding bearing members which are arranged to accomplish radial fitting with bearings of the roll mantle in the loading direction and in the lateral direction with respect to it, and the axial fitting with bearings of the roll mantle. The data packet is encapsulated further in another new header, which is used to specify new VMAN tags.

1459826094-35c3a9b1-3598-4060-a0c0-68727c486ee2

An endoscope includes a rigid portion having an illuminating portion disposed therein and a cover integrally molded to include a transparent first resin member and a colored second resin member. The spools comprise an inner spool nested inside at least one outer spool to form a module. The first and second means are alternately disposed to define each of the sub-pixels into a plurality of different azimuthal angle domains. In an illustrated embodiment, the flex circuit includes portions including the first or base layer and the second or top layer and one or more reduced thickness portion including the first or base layer and not the second layer. A method for manufacturing an antenna window including disposing a mask on an aluminum substrate and anodizing the aluminum substrate to a selected thickness is also provided.

1459826094-be75796b-2e5c-4414-afb3-c55b2b9c5474

A system and method for self-servo-writing of multi-slot timing patterns is described. The linear fluid device features a movable piston means for linear motion, a feature wherein said body provides rotational movement for fluid port alignment and a pressure vessel containing an end cap and cavity sized to guide the movable piston. The board may include a frame and means for securing a dry erase marker to the board. A preferred embodiment includes the complementary overlap with a design of any geometric shape. The second forming instruction generating unit generates a second forming instruction for causing the second image forming apparatus to form another page that cannot be formed by the first image forming apparatus. According to another embodiment of the present invention, a method of deflating an inflatable device is provided.

1459826094-e004b815-081e-4f6b-b39f-ecdbf185de22

A method for synchronizing a base station to a mobile station includes transmitting a signal sequence K of length n from the base station to the mobile station. The electronic circuit has input and output terminals. Ventilatory response is estimated based on detected values of actual heart rate, arterial oxygen saturation, right ventricular O<sub>2</sub>, stroke volume, tidal volume, and respiration rate. A finger extends into a recess formed at one end of the cartridge, thereby positively positioning the cartridge in the slot.

1459826095-05c9aab3-e93f-4b64-8256-3a1f294fa229

A fuel cell system has a fuel cell stack and a controller. This SAF is composed of two ferromagnetic layers that are separated by a coupling layer. In the case of viruses, files or storage areas which have been altered are scanned against a super-set of virus definitions. At least a portion of a thermal load from the electronic component is transported to the thermal energy absorbing material, and the portion of the thermal load is absorbed with the thermal energy absorbing material while undergoing an endothermic reaction during a phase change of the material, such that a temperature of the electronic component is maintained below a mounting surface temperature. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.



1459826095-0c4a1926-716e-473f-a835-f4892448acbc

A bismuth oxychloride effect pigment has a zinc oxide or microfine titanium dioxide particulate at about the surface of the crystals of the bismuth oxychloride. The tape measure system includes a housing with a recoil unit containing a length of a tape measure, a dispensing neck extending from the housing for guiding and dispensing the tape measure, and wherein the dispensing neck includes a guide edge for marking a surface of a measured object. Recently, such memory elements have begun to be implemented on chips along with high-speed logic circuitry.

1459826095-615deca4-2b94-490a-ace4-8cfd85125b40

A neurofeedback technique uses color as its feedback cue. The spliced wire also includes a stabilizer structure surrounding at least a portion of the superconductor joint, wherein the superconductor joint is in electrical contact with the stabilizer structure; and a substantially nonporous electrically conductive filler, wherein the filler substantially surrounds the superconductor joint. Also, another manufacturing method includes a first step of implanting an ion of an impurity element for imparting a conductivity type, a second step of implanting an ion of a rare gas element, and a third step of removing a resist mask after the first step and the second step. Each guide rod system includes a guide rod. Each of the isolating bodies has a through hole for slipping on the main core part and a guided slot. Accordingly, the wafer can be prevented from being further damaged, wafer particles are prevented from polluting the fabricating equipment, and the operating efficiency and productivity of the fabricating equipment are enhanced.

1459826095-7c9bf263-bb39-432e-bd23-3c04b2e77b2f

A signal detecting method and device for a multi-codeword multi-input multi-output system are provided, which are used in the field of communication and solve the problem that it is complex to implement a signal detecting method in the multi-codeword MIMO system and the error between the signal obtained through detection and the signal actually transmitted from the transmitting end is large. The device includes a key, a nut and an elastic sheath provided with a wall that is adjustable by deformation in a housing of the support, by screwing between the key and the nut, between an insertion configuration and a locking configuration. The method and system include providing a strain element and providing a coil. In embodiments, data is transformed by decompressing a compressed instruction, decrypting an encrypted instruction, decoding a macro instruction, or transforming a non-native instruction into at least one instruction.

1459826095-c02d4437-1560-467f-ab7d-4957cdc66716

A continuous coating system has several treatment chambers that are arranged one after the other in such a way that in each case, a wall of one treatment chamber having a passage contacts a wall in the adjacent treatment chamber that also has a passage. The composition is effective and convenient for supporting blood lipid health. A portion of the sub-collector lateral to the remainder of the HBT is rendered electrically insulative, preferably by an ion implant, to provide electrical isolation for the device and improve its planarity by avoiding etching through the sub-collector. Specifically, the EPDM rubber composition comprises 100 phr of an EPDM rubber, 5 phr of a polyolefin containing at least one carbonyl group and 10 phr of a crystalline polyolefin resin.

1459826096-1f74a62e-ddd1-4d76-888c-35f64a6ba7ac

A digital image capture and processing system providing a high degree of adaptability to ambient illumination levels and having great dynamic range. Received data is clocked into a FIFO buffer within the elastic buffer based on the recovered clock and read out based upon the local clock, with the buffer expanding or contracting by adjustment of an index to accommodate skew of greater than one clock period. In another aspect, the invention relates to a method of treating a subject having an inflammatory condition, comprising administering to the subject

an effective amount of an agent which modulates the binding of MEC to CCR3 and/or CCR10. The array is configured by providing elongated sourcedrain regions of zigzag configuration in side-by-side relation. The system provides a user with an opportunity to adjust program guide settings with a given one of the interactive television program guides.

1459826096-7b69cd4f-d1aa-4eae-bbca-daf7522cf55e

Methods and systems are disclosed for determining whether a patient is a responder to cardiac resynchronization therapy. A MESH-type of network is provided to allow for the deployment and integration of large numbers of low power radios. A portal at the base of the central shaft provides access for placing shoes on a shoe tray and retrieving the shoes from the cabinet. Each cylinder has a scaled line for indicating the amount of coins vertically stacked in the cylindrical columns.

1459826096-9887667d-895a-48e1-ba26-02c5c979a147

An integrated circuit includes a node coupled between a terminal of the integrated circuit and a transmitter circuit. The radar may be scanned in at least one dimension, which may include angle or range. A damping system employing such a friction wedge includes a bolster pocket insert.

1459826096-c34ce7e0-239b-4825-ae61-57723c75d790

A fuel saving system for a vehicle powered by an internal combustion engine and having a hydraulically activated automatic transmission. In an embodiment, a user's mobile terminal codes the video in multiple layers. A receiving structure is located between the immovable portion and the movable portion for receiving the heat pipe therein.

1459826096-cdb7ce7f-a1e6-41e5-b9de-2c1d2e2f23bb

In a method for exchanging data between several stations belonging to various data bus systems. The cutting portion includes a plurality of blades separated by flutes, and a tapered inner surface with threads. The data retrieval program obtains data from the plurality of power supplies. The two rows of first connection contacts are disposed on the top and bottom surfaces of the connection board, respectively. The magnification results of the image and the high-frequency portion are then processed by a fusion process, so as to output an image having sharp but not blocky edges, rich details and strong contrast.

1459826097-34259249-5414-429e-9473-2c0a768ce043

A tire chain includes a side member. The endoscope illuminating optical system is constituted to illuminate an observed region by light guided by a light guide 1, by way of a gradient index lens 2, and the gradient index lens 2 satisfies Condition Equations and below:  $2 \leq \frac{d}{r} \leq 60$ . The ATM channels can provide ATM-cells at different traffic parameters, such as, for example, different cell or bit rate, priorities, and bursts. A length adjuster threadedly connects one of the longitudinal ends of the center link with the tie rod.

1459826097-3c4ff8b6-5af7-460b-818e-9abdaaaeec86

User interfaces for multiple display regions are described. An inner surface of the cover plate is provided with a fixing portion. The base layer has a volume resistivity set to not less than 1. The loss in water weight and the exit air relative humidity is tracked by sensors and recorded. In addition to functional testing, scan testing of die and ICs is also possible.

1459826097-ddfbbf9f-f335-4a28-a208-0a54b1549895

The timing of output signals can be controlled by coupling a digital signal through a signal distribution tree having a plurality of branches extending from an input node to respective clock inputs of a plurality of latches. In certain aspects and embodiments, the described compounds or salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof are active on one or more

protein kinases, including a Zeta-chain-associated protein kinase 70, and any mutations thereof. The housing space includes a first side face; two second side faces adjoining the first side face, and an insert face adjoining the first side face and the second side faces for admitting the inserted card.

1459826097-ff255737-8a80-49c8-8dbb-535824456023

A system may include several nodes coupled by an inter-node network. The output signal includes an amplified representation of the transmit signals from the two transceiver modules. Therefore, since the amount of the upper can be reduced and a separate insole is not necessary, the total weight of the shoes can also be reduced. Only when the SIR value exceeds the SIR threshold value, a demodulated result of the calibration signal is outputted. The TFT further includes a storage electrode line having a storage electrode disposed in a central portion of the pixel region.

1459826098-1d6bba0a-3119-4068-a2f0-c74d4d5caa86

A golf ball 2 has a hollow center 8, a mid layer 10, an inner cover 12 and an outer cover 14. The input of the amplifier is electrically connected to the at least one terminal of the transistor; and the output of the amplifier is electrically connected to the at least one isolated well of the at least one transistor. The fruit matures under the ecological conditions described during early June, with first picking on Jun. Insulated glass units using the disclosed insulating spacers and windows employing these insulated glass units have significantly better thermal performance than prior art insulated glass units and windows.

1459826098-328cbda9-b7ad-44ef-b2b5-8e71dd06b976

An electronic device may include a printed circuit board and a speaker box defining an acoustic volume between spaced apart first and second speaker box walls with the first speaker box wall being between the second speaker box wall and the printed circuit board. Call records provided by telephone companies are evaluated against specified rules. The command terminal receives commands including read and program commands. Thus, the computational effort invested in the POWs is recycled to accomplish the minting operation. Interlocking hook assemblies for elastic members include an elastic member with interlocking hook devices 900 including two similar interlocking hook devices 800 with a connector groove 801 and a catch feature 802 and elastic member 811.

1459826099-e25eb3c5-4130-4c3b-a6ed-5f7b954d3ce6

A bistatic radar system and method. In one aspect, a method includes receiving a request for access to a security system device; determining whether the device is set to a first mode or a second mode; and in response to determining that the device is in the second mode, generating one or more notifications to authorized users identifying the access to the security device. A radio-frequency current is modulated by the frequency mixing stage to generate an output mid-frequency current signal.

1459826100-6b944a87-d8f6-407b-91e8-b1bfedbf58fc

Methods and devices for forming a contact over a metal gate for a transistor are provided. This invention in it's preferred embodiment is shown on, but not limited to, the stern of a kayak. The strap also includes at least two modes of operation. The package can include a narrow seal surrounding the one or more encapsulated MEMS devices.

1459826100-f910232c-36f9-4e0c-a24e-f2f4c4e37493

Facial animation values are generated using a sequence of facial image frames and synchronously captured audio data of a speaking actor. The susceptor includes a plate shaped main body 13 and a surface corrosion resistant layer 14 including the heating face. The USB flash memory device further includes a folding portion which is proximal to the USB connector and enables the USB flash memory device to be

folded. As a result, the charging device can easily adjust an electric resistance, minimizing variations of the contact linear pressure and the contact nip, material and processing expenses can be cut down, and productivity of the charging device is improved. After the first compilation pass, executable code is made to interact with test data to generate statistical execution data which is collected by previously inserted counters. In the enhanced drag and drop operation, a user is presented a list of options of operations that may be performed when the object is dropped on the other object.

1459826101-dfa4e29b-03f0-4693-bead-cb1cbe8b1f33

A container assembly comprises a vessel for containing a biological medium, gametes and/or one or more embryo. In one aspect, etching a surface of the semiconductor substrate by dry-etching, detecting bright points on the surface of the etched surface with a foreign matter inspection device, and evaluating the quality of the semiconductor substrate based on the number and/or distribution pattern of the detected bright points are included. Instead of standardized models, test models may be developed and utilized, but this also incurs cost and delay.

1459826101-f0d63361-29c8-4b5d-b3af-5bc44e414f5f

Devices and methods for improving device therapy such as cardiac resynchronization therapy are described. The heaters are supported in accurate, very close proximity to the bimetal snap disc to ensure excellent heat transfer thereto. The connection detector does not contact receiving portions of the male housing when the connection detector is at the standby position.

1459826102-abe38b2b-bc97-4fc0-9c04-0f96b2857e80

A gel formed from an intimate mixture of polyvinyl alcohol, an alkaline or alkaline earth metal borate, water and an alginate and/or a carrageenan, having cryogenic characteristics, substances with cosmetic and/or pharmacological characteristics being easily dispersible in said gel, to be released slowly when the gel is applied to the human skin. The results may be trusted and confidential even if the target device has malicious operating system or other software running. A first combustion heater system is coupled to at least one of the reformer, the shift reactor, and the preferential oxidation reactor to preheat the component during a rapid startup sequence. A base portion extending downwardly from the bottom wall includes a plurality of base walls including side portions each having corrugated portions below the side walls. The first connector is electrically connected to some of the plurality of data electrodes, and the second connector is electrically connected to the data electrodes which are not connected to the first connector.

1459826103-9090328a-cec3-4c7f-8491-c304bd309344

An information recording device comprising at least a recording pulse generating means and a recording pulse selecting means capable of generating various multi-pulses each of which is a combination of a leading heating pulse and a succeeding heating pulse, and rectangular pulses each of which is a single pulse, as a recording pulse, is disclosed. The low-pressure buffer tank is in open connection with the engine. Stability is improved by diminishing a moment in a forward tilting direction when the user is standing upright. Alternatively, a pouch contains temperature-retentive granular material and is disposed within a corresponding compartment of the upper portion. A plurality of beads is provided.

1459826103-c12b94e1-55b8-4754-9c0a-cd088bb78c57

An electronic endoscope includes an illumination unit, an imaging unit and an image generating unit. The panel temperature  $T$  of the liquid crystal display device is controlled to be equal to or greater than  $T_{NI-65}$  and less than or equal to  $T_{NI-15}$ , where  $T_{NI}$  is the nematic-isotropic phase transition temperature of the liquid crystal composition of the liquid crystal layer. In other words, storage system may independently reclaim storage space not used by the client file system, without that file system's intervention. In a preferred embodiment of the invention, a

pressure relief valve is incorporated as the pressure relief mechanism in the inflatable module. The sensor can be used in any surface enhanced spectroscopic applications.

1459826103-cd5dd059-5eea-43d0-b7ef-8ceafebf00b9

A folding seat has a support structure, a backrest and a seat base. The right and left wings having at least a portion of which are rotatable from a horizontal position wherein they produce lift in forward flight, to an at least partially downward position wherein they act as landing struts. Two binarization approaches, localized background thresholds and Laplacian edge enhancement, are combined into a process to enhance the strengths of the two methods and eliminate their weaknesses. In decoding a desired level of the encoded data, a checksum is determined again on the basis of the encoded data and compared with the checksum written in the header. Advancement and retraction of a lancet may be controlled by a feedback loop monitoring the position and velocity of the lancet embodiments of the lancet driver can be configured to follow a predetermined tissue lancing profile. The device structure and methods of the present invention thus provide the advantages of uniform finFET fabrication while using cost effect bulk wafers.

1459826104-14e13f84-7a40-499c-8f0c-4202b1f92878

An electronically-scored game comprises an electronic controller and at least one sensor operatively connected with the controller, the at least one sensor adapted to detect at least one activity associated with the game and to generate a signal. The stator includes a first stator electrode of two or more layers and a second stator electrode of two or more layers in the interior of a dielectric substrate. The method can include retrieving a client-side script, for execution in a client-environment and detecting an incompatibility of the retrieved client-side script resulting from a dependency of the client-side script upon an expected occurrence of an event in the client-environment.

1459826104-24e36618-e8bb-4bb4-a88f-b9842cb10551

A printing machine as described has a plurality of image formation units each of which serves to perform an printing operation on a printing sheet. Each finger includes a shank and an inwardly extending tab. Before testing commences, the midpoint of an individual panty is placed at the center of the clamps. For the module, the beam can be an elongated, hollow beam, such as a box beam, which is made of a molded, pre-stressed concrete. The knowledge tree can be updated dynamically with knowledge mining functions or self-learning functions.

1459826104-2f6b7552-b86e-4750-ae48-e8eaa5b40862

An object of the present invention is to suitably perform a zooming control operation in the case that a zoom ring is provided at a lens-side portion and zoom switches are provided at a camera-body-side portion of a lens-interchangeable video camera. In particular, the present invention relates to diffraction gratings applied to a substrate, such as a hologram. Device data may be generated based at least in part on the received data.

1459826104-4e076f88-e7ed-426d-9347-de7b9cc272a4

A body pigment with a good skin feel for cosmetics is provided which has an appropriate crumbling property and combines slipping property and adhesiveness without compromising oil absorption. A gain application element receives a sequence of digital input samples and a digital gain signal, and combines the digital gain signal with the digital input samples to generate a sequence of gain-compensated digital samples. Thus, an antenna apparatus easy to achieve impedance matching thereof by use of a connection member can be economically realized.

1459826104-87a6ec3a-73e2-41fc-a7ec-3f312fec8c01

An approach is provided for improving reception availability for multi-subscriber identity module devices. In one form each of the controlled release ceramic

particles has an active material substantially homogeneously dispersed throughout the particles, wherein the active material is capable of being released from said particles, and the active material in said particles is substantially protected from degradation until release of the active material from the particles. The RRS includes a remote interface unit, a RF transceiver unit and an antenna. A roller engages a bearing surface on the lower portion of the gear racks. The absorbent component is capable of absorbing laser light within a given wavelength range thereby creating a welded area between a surface of the layer having the absorbent component and the surface of a layer facing the layer having the absorbent component while other layers remain unwelded. The photoresist layer is then developed, forming a photoresist pattern having rectangular-shaped openings formed at intersections of the first and the second exposure regions.

1459826104-d36fb172-4f66-471b-8377-9a31295f7a1b

The present invention provides a process for producing an optical connector, an apparatus for producing the same, and a process for forming a polymer coating film on an end face of a fibrous dielectric, which can dispose a refractive index adjuster only onto an end face of an optical transmitting medium with excellent reproducibility. At least one of the wide ion beams has a dose different from that of at least another wide ion beam. The membrane is deformable in response to the parameter.

1459826105-8d9b3b9b-bea4-416b-9c00-c4807fcfc7be

A decoder decodes a binary input string encoded with a variable length code using an offset lookup table and a symbol lookup table. The amplification stage includes a gain medium operable to receive at least one pump signal and to receive from a multiple span communication link an optical signal comprising a leading edge. The centralized registrar provides a content service with an initial script to include in the web page along with the contributor identifier. Processed workpieces and new workpieces may be exchanged by a simple underover motion of the two robot arms.

1459826105-9c1d61f6-f641-4a7a-b577-519a940d8a97

There is provided a method of manufacturing liquid transporting apparatus including: providing a channel unit; providing a piezoelectric actuator having a first and second active portion corresponding to a central portion and an outer periphery portion of the pressure chamber, respectively. Different embodiments disclosed include devices having threaded intramedullary components, devices configured to receive bone growth promoting substances, devices with resorbable components, and devices configured to reduce shear stress. The scanner further includes a couple of pulse width modulators or \u201cPWMS\u201d, a synthetic circuit, and a laser diode module.

1459826105-c86d7ea8-5d47-4db9-b8e0-2d2d971825da

Fluoropolymers containing one or more azide group wherein the azide group is not a sulfonyl-azide group and processes of preparing them. There is a first timing identifier for a first data set based on a timing characteristic of the first data set. The resource may be associated with an application, such as an email application that may be hosted remotely from a client device. Upon determining a current road surface from the monitoring, the road noise masking includes calculating a masking noise shape commensurate with the expected interior sound, and transmitting instructions including the masking noise shape to an audio system in the vehicle. In one embodiment, a trench-based photo cells provides very fast capture of photo-generated charge carriers, particularly when compared with conventional approaches, as the trenches of the photo cells create depleted regions deep within the bulk of the substrate that avoid the time-consuming diffusion of carriers. The substrate plate is transported along the first direction together with the mask, thereby preventing a diffusive reflection.

1459826105-d35e7a79-a7c8-48e1-8d0c-caed67d51fb0

An exhaust system for use with a microwave excited ultraviolet lamp system is provided to receive cooling air emitted from the lamp system and to contain and direct the cooling air so as not to contact a substrate being irradiated with ultraviolet light. The fourth and the fifth lens are cemented with an interface which is convex on the object side and has an aspherical shape. For a precharge-pulldown bus, if the wire has been discharged during the pulldown cycle of the bus, the precharge current pulse matcher does not consume any current.

1459826106-3c9fa7df-ccf3-4b37-a705-0ac42454a5f9

A tamper-resistant outlet cover uses a spreadable grounding socket engageable post to secure the cover in place to thereby block access to an electrical receptacle, typically a wall outlet. Assigned applications are automatically applied via a script to the policy recipients, thereby ensuring that the recipient has an administrator-specified workstation configuration. The data control unit transmits to the Banyan unit a control signal representing a channel to which data belongs, and controls the operations of the Banyan switches.

1459826106-755eda28-2e21-4f60-9c5c-f63538b35d82

A weighted open loop power control transmitter for controlling transmission power levels using a spread spectrum time division duplex technique having frames with timeslots for communication includes a demodulator configured to receive a transmitted signal from the receiver, a channel estimation device, a data estimation device, and a weighted open loop power controller. A method including arranging a plurality of second dice on a first die such that collectively the plurality of second dice include a surface area approximating the surface area of the first die; and electrically coupling a plurality of second device to a plurality of the first die. The method follows on from a preliminary step of detecting ambiguous concepts in a database. Moreover, because a plurality of openings of the porous board 32 are regularly arranged, forming either a tortoise-shell formed mesh 22 or lozenge-formed mesh 26, the porous board 32 can be easily molded with a mold 30 and can be accurately formed with high precision even in mass production. The other surface electrically connects to the circuit board through bonded wires and/or vias formed through the substrate.

1459826106-8a527afd-caa4-4aa1-85fb-1fc618a8c279

An zooming adjustment mechanism for an optical system is provided for reducing the length of the optical system along its optical axis, and enable the size down of the optical system. The scan driver includes a shift register and a multiple signal applying unit. The flared passage forms a convection chimney in which heat can accelerate up the convection chimney. Rounded bearing surfaces are in contact with one another for frictionally engaging one another, and a pair of elongate anchoring members embedded in the sea floor hold the turbines or hydro-foils above the sea floor in an aligned stacked relationship via end portions to assure their frictional engagement.

1459826107-2006c0c5-4665-4252-bcd4-9af73f995e95

A blade server for increasing the amount of processing capacity per rack bay is disclosed. The conical ring structure has a side opposite the tapering side that is cylindrical, and a cylindrical diameter that is concentric with the arcuate side. In varying embodiments, these controls allow a user to select a particular job set and, for example, to simultaneously pause, delete, or prioritize each print request associated with that job set. The connection between the board and the plug end is achieved by melting the solder. The semiconductor device includes a silicon layer, a gate insulating film formed on the silicon layer, a metal boron compound layer formed on the gate insulating film, and a gate electrode formed on the metal boron compound layer and containing at least silicon. For example, compounds of interest are of the formula: .

1459826107-adbf761-6c3a-4019-a79d-0a5c9ba3be6a

An innovative pharmaceutical form for controlled drug release relates to systems obtained by the assembly of individual release modules, of which the capacity to release the drug in time and in space depends on the way in which the modules have been assembled. Such partitioning may be performed by receiving information associated with at least one characteristic of the data and performing an algorithm to divide the data into related data segments. The encapsulation is specially profiled to allow the downhole tool to be expanded into the wall of the wellbore without leaving a channel outside of the tool through which formation fluids might vertically migrate. The sources of the pre-charge devices are grounded. The first socket is disposed through at least one of an edge and an end of the sensor element, and the second socket is disposed through at least one of the edge and the end of the sensor element. By preventing the collection of overspray it is not necessary for an operator to wipe the gun clean.

1459826107-b30d87c9-e576-43ba-a7d6-5969b2ed5d40

A capping mechanism is disclosed for a printhead having a plurality of nozzles arranged to deliver ink onto print media which is transported past the printhead. Foam springs have geometric cross-sectional configurations with mechanical spring properties which work in concert with the spring properties of foam. The transformations are used to create, from a set of CCD products produced from the set of SAR images, a corresponding set of co-registered CCD products. A curable birefringent liquid crystal material is applied to one or both of the layer of isotropic material and the flexible sheet. A second section of the rectangle may be filled by dividing the second section into  $n$  vertical subsections having equal width and filling the  $n$  vertical subsections using  $n$  region fill processors. The light-transmissible electrode electrically connects to the reflecting electrode and extends to overlap the effective margin.

1459826107-e8914c46-5809-40e1-b52d-8563fcfe6faf

Cosmetic compositions intended for topical application to the skin for lightening and/or brightening the skin are provided. The suture housing has an open position and a closed position, and the needle can be removed from the suture housing when in the open position. The intermediate assembly can form part of the equipment of a rail vehicle, or alternatively it can form part of the equipment of a platform. Impinging at least some of the first reflected portion of the beam of light on a second region of the dynamic filter. Air-cured tobacco may be cured in four weeks or less when treated with a wash solution of bicarbonate salts.

1459826108-0a9592d0-5a45-422e-a181-64773271a35d

Disclosed embodiments comprise an energy harvesting computer device in association with a communication device comprising interactive user interface operatively configured with CMOS multiple antennas on chip for boosting signal receptions and for providing faster data transmission speed. The front portion of the club head has a substantially flat surface for striking a golf ball. The transition portion is angled toward an anterior direction and a medial direction with respect to the implement, the proximal portion of the handle being connected to the transition portion and extending in a proximal direction substantially parallel to the implement. Further, the method may include executing, at a third computer, the service using the modified service request and processing, by a second set of software plug-ins based on the sequence, a result from the executing step. According to another embodiment, the biologically active agent is a catalytic antibody and the first substance is a prodrug. A relaxed memory model vulnerability in a computer program includes the presence of program executions that are not sequentially consistent.

1459826108-3a458f62-1b29-4e85-a4af-15cf6b4fb527

Components of an arrangement interval in first and second directions between first to third subpixels in a pixel satisfy the following expressions:  $p_{v1}p_{v2}p_{v3}$ ;  $p_{v30}$ ; and  $p_{h1}p_{h2}p_{h3}$ . The invention makes it possible to obtain particularly fast



colorations. Furthermore, the cylindrical members maintain at least one protuberance. A liquid supply path 53 for supplying the liquid as the detection object to the cavity 43 and a liquid discharge path 54 for discharging the liquid as the detection object from the cavity 43 are formed in the flow path forming base portion 50.

1459826108-6eefd05f-5d08-4f14-b30c-bddb9acade3d

A method for efficiently scheduling virtual resource blocks to physical resource blocks is disclosed. The switching circuit has a mode-selecting circuit, a comparator and a control module. The outboard end is pivotally mounted to a king pin.

1459826108-8b08881a-51be-41cb-94f9-f67b057e24de

The present invention provides a method of making a headliner for use in an automobile interior. In some embodiments, extended operation requests and responses are transmitted over the extension channel using SOAP methods reserved for extended operation requests and responses, respectively. By this method, a layer containing detected different portions is automatically generated in logic equivalence checking between a modified HDL and a gate level logic circuit, so that logic synthesis can be performed in a unit smaller than the unit for the conventional logic synthesis. The reference electrical parameter is compared with an operating electrical parameter corresponding to the operating driving current of the illumination source. The invention also relates to a device for generating and conditioning X-rays for applications for angle-dispersive X-ray reflectometry. Based on this display, an index is selected and the portion of the document data corresponding to the selected index is printed.

1459826109-0085d589-e1a4-4049-b33b-949503eba410

A device for producing an aerosol from vaporizable constituents of tobacco comprises a vaporizing chamber within which the tobacco is placed. The fixation device includes a base portion including a first leg, a second leg, and a groove located between the first and second legs and a top portion extending from the base portion. An exothermically reactive structure is disposed on the controlling mechanism, such that, when activated, an exothermic alloying reaction between alloys in the exothermically reactive structure operates the controlling mechanism. The layer may be formed on the substrate via molecular beam epitaxy. A third loading arm raises the first bale from the first conveyor to allow the first loading arm to raise a third bale from the ground and position it on the first conveyor, and then lowers the first bale to rest on the second and third bales.

1459826109-4c91192d-8090-4059-8c73-5961ea65f146

Methods and apparatus for reducing precision of an input signal, by comparing a portion of the input signal to a preselected threshold value, and determining a selectable bias responsive to the comparison. An animal control device includes a retractable leash assembly for being mounted to a collar or other harness. Signals generated by that sensor are applied to a missile's guidance system's processing electronics that then determines the distance from the missile to the beam from the width of the signal generated by the sensor due to detecting scattered radiation from that laser beam.

1459826109-4f4d265a-729f-47be-9cf0-5ea7e8a7727b

The present invention is a method, system, and product for optimizing timing in a circuit after layout of the circuit has been completed. The selectable torque transfer devices are engaged singly or in combinations to yield an EVT with a continuously variable range of speeds and up to four mechanically fixed forward speed ratios. A read command and address to the plurality of DRAM devices on the command and address busses in synchronization with the clock signal. A hook extends from the end of the shaft. Methods for using IL-12 as an adjuvant in combination with vaccines against Bordetella are also provided. The self-aligned buried contact

in the CMOS imager decreases leakage from the diffusion region into the substrate which may occur with other techniques for interconnecting the diffusion region with the source follower transistor gate.

1459826109-bfd78e46-dff2-4363-ba24-7ffa3a2d74f9

Generation of consistent connection data for a first circuit embedded in a second circuit. The light injector injects light into the light guide panel at a suitable angle for total internal reflection of the injected light at the surfaces of the light guide panel. The distance between the surface with the guide grooves and pits of the  $t$ th signal recording layer and the  $k$ th signal recording layer becomes uniform, and therefore the thickness of the  $t$ th separation layer can be kept uniform. 10 to 20, including near stoichiometric R values approaching 1, being the ratio of charged groups present on the component polyelectrolytes employed. A prong of the plurality of prongs includes a substantially right-angled bend in a middle region of the prong.

1459826110-37078b64-cd4c-4f69-b0d2-c9318795fe9e

The present invention relates to adjuvanted recombinant anti-rabies vaccines and the oral administration of such vaccines to raccoons and other wildlife. or below, and the synthetic resin emulsion has been produced by adding the monomer mixture for core formation and a pH adjustor to an aqueous copolymer solution, which has not been neutralized, produced by polymerizing the unsaturated carboxylic acid and the hydrophilic comonomer in an aqueous medium, and allowing a polymerization reaction to proceed. Subsequently a transition is made to color mode printing.

1459826110-9c2a8275-c2c0-4abc-81f9-973ec2ac3d20

Erroneous determination of an image caused by color shift is prevented. Resources associated with the wireless device are determined they should be re-allocated. A deviation of the measured alteration from the expected alteration is then calculated. The VI probe may then be inserted into the circuit along with a second known load in place of the Load 1, and a second signal may be applied to the circuit.

1459826110-cabac397-c1a7-4b9d-ad97-f1fa7c177a63

A method and system for providing a multi-level interconnection network is provided. The external bonding pads may be formed near the ends of the frame and have an upper surface facing away from the substrate. The plurality of modules includes a satellite signal receiver, a packetizer, a network interface, a concentrator, and a decoder. Thus, optimal welding of head-hardened rails can be achieved. 01% by mass to 1% by mass:where R1 and R2 each represent C2-C4 alkylene; R3 and R4 are each any one of a hydrogen atom, C1-C6 straight-chain alkyl, and C1-C6 branched-chain alkyl; and x and y each represent a positive integer and the sum of x and y is 1 to 16.

1459826111-bfc15a54-0140-4310-a4e3-a25c514dc529

A method and apparatus for providing a single service destination in a telecommunications network is disclosed. Each predefined two dimensional adaptive spline wavelet waveform is formed by the superposition of one or more B-splines. Each network device can receive and transmit media signals from media devices.

1459826111-c69e1347-627b-4a48-8a05-ad11f0ef6d82

A shielding device is provided in which a layer of deformable electrically conductive material is conformed to fit over the components on the board. If a contaminant induced electrical fault occurs in the selectively protected electrical system, the electrical fault is more likely to occur in the un-encapsulated controller, such that the selectively protected electrical system is disabled. With the closing apparatus according to at least one embodiment of the invention, a locking element can have a particularly simple design: it can be guided in the actuating element. The elongate member has a section that extends a longitudinal

direction of the wire body. The communications capabilities and processors in the MMA AT and the MMA AH allow the system to establish MMA AT to MMA AH links after the mines have been scattered. In the device, a pressheat unit presses a recording medium with a toner image formed against the belt member such that the toner image contacts with the surface layer, and heats the recording medium to melt at least a surface of the toner image.

1459826111-d5924ec5-ca52-462b-abd0-cdb2ea2f1e46

A set of seismic detectors is distributed throughout a defense zone in communication with a set of attack or other controllable devices. The method further comprises manufacturing a second key component at the first point of fabrication and assembling the second key component with the first common component at the second point of fabrication. The button is inserted in the cutout, and the arm is pivotably mounted on the computer bezel. Additionally, the handle body can have a compartment including a device for providing access thereto. The same control element also emits control signals for changing the operating state.

1459826111-e7b07420-5105-4e8c-944d-ac6b83f31823

A Lewis acid catalyst composition comprising a specific mixed medium and a Lewis acid catalyst, wherein the Lewis acid catalyst is at least one compound selected from the group consisting of compounds respectively represented by the following formulae and : $\text{NnM}$ ,  $\text{u2003u2003}$ and  $\text{CnM}$ . The firing control housing attaches to the cylinder frame and supports firing control mechanism components, such as a trigger and a pivotable hammer actuated by the trigger. Each sheet has a strip of adhesive proximate a leading edge of the sheet. The electrodes are in electrical contact with the conductive liquid and are located on opposite sides of one of the channels. In other embodiments, this is done by creating a tuple describing anomaly parameters for the anomalous query.

1459826112-0a681f08-bdbb-4cfc-9343-b541411b8fc1

A system is provided for aesthetically covering access openings in a tub skirt when access to the interior of the skirt is not required. In particular, the media objects are optimized according to the mobile device's characteristics to ensure efficient delivery and optimal rendering thereon. The instructions further, when executed by a processor, cause the processor to erase, if the particular service provider is not one of the favored service providers, the data stored at the wireless device. The eccentric weight includes a main body and at least one inserting portion having a density higher than that of the main body. This prevents redundant prices to be stored in the system and improves its cost effectiveness.

1459826112-94efc317-345c-4734-8ef5-d63b380e4745

A device for clamping at least two components for use in friction stir welding supports the components and holds the components in place using a plurality of channels placed under vacuum for clamping of the components during friction stir welding. The housing also includes a locking wedge. The resin composition is useful as a chemically amplified positive-tone resist excelling in focal depth allowance, sensitivity, resolution, pattern profile, and PED stability. The lamp can be easily mounted into and removed from the glass sleeve. This invention also relates to methods for producing other wheat varieties or breeding lines derived from wheat variety W000570E1 and to wheat varieties or breeding lines produced by those methods. Circular and functionally equivalent buffers permit sophisticated data processing in which preceding data subsequently are re-analyzed for the possibility that the data are part of a developing event peak, such as a developing shoulder thereof, or part of a declining peak.

1459826112-a451d91d-ab15-4611-9b7f-b572ae76f8f0

A gate adjustment system has a bull-nose glide, a flat glide, a plurality of spacers, a gap size gauge, and a gap adjustment wedge. The method includes maintaining a database of queues, each queue in the database being associated with

packets intended to be forwarded to a corresponding one of a plurality of final destinations via a corresponding one of the intermediate destinations. The fluid dispenser has an inside wall provided with at least two longitudinal ribs extending over the height of the skirt. The output may be in the form of audio and/or video. The calculating unit calculates a minimum unit forming each of the selected position detection patterns.

1459826113-5d8b4aa0-b0ef-4934-92e6-45695d613a24

Methods and apparatus for intelligent cache eviction at storage gateways are disclosed. If the lock element is moved to a lock position, a device controller determines whether the lead is moved from its initial position to a predetermined position and outputs a first detection signal as the result of the determination. The device of the present invention utilizes the holes produced by impinging photons in a pixel sensor cell circuit. The participant is informed that the item is of current interest. Similarly, a transmitter employing Cartesian transmit modulation is presented that shapes the spectral emissions of a hybrid power amplifier such that they are significantly and sufficiently attenuated in one or more desired frequency bands.

1459826113-70bb9f47-22de-4859-a860-6d799ae168c1

A valve shaft apparatus with a rotary valve includes a shaft having a first portion in an opening of a valve body and a second portion in a cavity of a closure member. A dedicated wireless telephone is provided to a subscriber as a benefit of subscription. A protrusion is disposed on the front surface of the body, with the protrusion extending above a plane defined by the front surface. The transmission member is mounted between the circuit board and the supporting surface, and includes two levers and a press member disposed between the levers and abutting against the press switch. The first opening extends from the inside to the outside of the torso portion.

1459826113-e95069f0-c23c-4fb0-af32-2d76a0e7e4da

Technologies are generally described for providing a notification to a player playing a gesture-based game of a potentially dangerous condition. The method includes receiving a request for spare capacity in the video and data network. An elongate glue applicator is mounted on the chassis and is positioned substantially at right angles to the feed direction.

1459826114-d266997d-3cca-4a8d-bfba-b76a8113a507

A decimation filter in which a coefficient word length of a last-stage FIR filter is shorter than that which attains a necessary attenuation rate, and an interpolation filter in which a coefficient word length of a first-stage FIR filter is the same. A second node has an access link connected to the first port group of the first customer and a first network link connected to a second router. A further hardmask is applied to the one or more encapsulating layers. The plasma etching process may be an oxygen plasma etching process. The converging nozzle provides a characteristic cross section necessary for the mixed flow to achieve characteristic speed as it moves through the nozzle, thereby producing a standing shock wave at the point of maximum convergence of the nozzle and creating sonic conditions at the inlet of the ramjet engine. The apparatus and method further determining the threshold or set-point temperature of the bimetallic actuator during transit between bi-stable states.

1459826114-ea5b7603-4329-44e7-b93f-ee01f237235b

A method and apparatus that includes processing for restricting usage of video signals in accordance with associated access restriction data begins by detecting the presence of the associated access restriction data as video signals are being received. The most significant bits of a sample of the digital signal are compressed and transported as a compressed transport sample. A value  $x_2$  is calculated in a first calculation circuit. The invention also relates to a scale

configuration produced using the aforementioned method. The electron beam direction is optimized by said X-ray source during said second pulse to focus X-rays towards said high density section based on said image data in said first pulse. The cable termination device including a plurality of adapters and a cable pathway exit having a curved surface that guides cables exiting from the overhead cable pathway structure to the adapters.

1459826115-1b33d6c2-8d6d-462c-a103-a72221e07b0e

The invention provides methods and apparatus for drying the backside of semiconductor wafers in a spin-coating environment. An abnormal voltage detection circuit including a varistor detects an abnormal voltage generated in the excitation winding of the resonant transformer, and when the abnormal voltage is detected, its signal is transmitted by a photocoupler to a control circuit, thereby causing the control circuit to stop its oscillation operation to stop a switching operation of the switching element. A feedback controller compares sensed current and sensed voltage to a reference signal and generates a feedback signal, which is processed by a power factor corrector to adjust the current flow through the transformer supplying current to the LEDs.

1459826115-61f55a32-cdc5-4323-9b55-4f7dd36b85af

An auto-operated dip switching mechanism includes a strong-light detector, a strong-light signal circuit, and a switching control circuit. Then, a gate insulating layer, an active layer and a data metal are sequentially formed on the base substrate to cover the gate part. 2octane-3-carboxylic acid -amides of formula 1and their use as inhibitors of Cathepsin C, pharmaceutical compositions containing the same, and methods of using the same as agents for treatment and/or prevention of diseases connected with dipeptidyl peptidase I activity, e. The fluid supply system enables the fluid bottle subsystem to be installed or uninstalled from the fluid supply subsystem without requiring bleeding off of the air or gas supplied to the fluid supply system and/or without requiring the fluid bottle subsystem to be rotated or twisted into place relative to the fluid supply subsystem. The synthesis is carried out by ball milling a mixture containing P205, pentaerythritol, an alkyl benzene having one or two C1-C5 alkyl groups, and a metal halide catalyst, in a ball mill as a reactor and at a temperature of 70-150 C. The gas conduit connects to a gas source to introduce gas from the gas source into the load lock chamber of semiconductor equipment.

1459826115-6efa7db3-c9dc-44a5-9092-5b08fde0cd77

A method and system for allowing a user to access a peer from a remote system are described. In order to enable the generation of information for this database, the method calculating at least one position of a mobile terminal in a cell of a cellular network. The assembly of modules is supported in and guided through a launch frame, with modules being added to the rear of the assembly and pushed through the frame until the gap is spanned. Each sequencer is comprised of a logic processor and the associated program memory for storing the executable code of the assigned Boolean logic equations and data memory for storing the results of processing of logic equations. The coated substrate advantageously shows photocatalytic and hydrophilic properties.

1459826115-7d3bdf0c-9f62-495a-9f6c-753b8a6dc5cd

A motorized bicycle gear shift device comprising a derailleur and an electric motor for controlling the derailleur, associated directly with the derailleur, and an electric transducer of absolute type, also associated with the derailleur and designed to produce an electric signal indicative of the absolute position of the movable body of the derailleur. The resulting metrics provide information useful for understanding human behavior; understanding various combinations of who uses the devices, when do they use the devices, and the purpose for which they use the devices; understanding resource consumption, and understanding device usage for the benefit of service providers. A new parameter, called \u201ccreated,\u201d is

described for the contact header in SIP 200 OK messages, which is used to trigger deregistrations by SIP proxy UAs that no longer serve a particular mobile. A fault signal is generated if the first or second control signal, or a part thereof, is not applied during the control time interval, or if the first or second signal, or a part thereof, is not detected during the control time interval. A removable cover assembly is configured to releasably engage the enclosure assembly. This allows N pairs of a VSA and VSG to test N DUTs with N $\times$ d7N MIMO in substantially the same time as a single VSA and VSG pair can test a single DUT, thereby allowing a substantial increase in testing throughput as compared to that possible with only a single VSA and VSG set.

1459826116-04880ac3-0f79-4e23-98ce-c857240feaa5

An image display device capable of controlling in a differentiated manner the signal-brightness characteristics of natural pictures and those of different image sources, such as texts, in the screen frame is to be provided. A boost converter control and driver circuit is connected with the main power source and the backup power source such that the boost converter control and driver circuit controls the charging of the backup power source with the main power source during normal operation. A cartridge assembly includes first and second members configured for releasable attachment to a medical instrument, and a holder configured to receive the first and second members and to be released from the first and second members upon action of the first and second members attaching to the medical instrument. The resulting resin particles each include a core particle including the acidic-group-containing thermoplastic resin or elastomer, and the filler particles immobilized on the outside of the core particle.

1459826116-1cf32bb2-5c77-4dc6-b213-66155102487d

A new method is provided for the creation of a barrier-free copper interconnect. The blood gas transducer unit is adapted for application to a patient's skin and administration of a local vacuum at the area of patient application. Upon receiving an indication of a perimeter break the base unit device alerts alarm signaling devices such as audible or visual alarm indicators.

1459826116-8e342e57-3891-48e1-9cfa-43f0d4b7183d

A system and method for querying, selection and ordering complex multi-component item packages using a personal computer communicating over a global communications network. The product chips and die include a pattern of features formed in a metallization level of a back-end-of-line wiring structure. The intermediate metal film is provided on the bonding portion and having a larger linear expansion coefficient than the first metal film.

1459826116-a38e3782-f54b-48a9-a444-ea26e4a7cd77

An amusement system includes a cartridge having memory for storing sound data, a processing system to process the sound data and programming executable by the processing system to produce electrical sound signals representative of sound from the sound data. Receptacles, which may be the final containers or intermediate receptacles, are continually fed by a conveyor into the pathway so that material flows into each receptacle opening. This takes place before the softened chips pass through a blow-valve arranged in the outlet line, across which blow-valve a pressure drop of at least 0.

1459826117-3d23cb91-5185-44f1-8e50-656ae5429fcd

The present invention relates to a planar antenna for excitation of the TE<sub>01</sub>-mode of an electromagnetic wave and adapted to be arranged in a waveguide tube. The invention is further directed to a method of producing stabilized TAFIa. A positive capacitive element is disposed in the second insulator and is separated from the negative capacitive element by the second insulator. With the particular reference to the mooring of a vessel, the mooring robot has attractive attachment element fixable to a ship's hull and includes a movement unit with active three-degree-of-

freedom translation, for controlling the position of the attachment element. The first and second patterned layers 20, 28 together define at least one ink ejection chamber having at least one ink ejection nozzle. The composition has phenylephrine stability suitable for a typical commercial product with a two year shelf life.

1459826117-41b41a2d-a066-4450-ae26-2d1e53913545

There is disclosed herein an additive composition including a compound of formula :wherein R1, R2, R3, R4, R5, R6, R7, R8, and R9are independently selected from the group consisting of hydrogen, cyano, and hydrocarbyl groups comprising from about 1 to about 30 carbon atoms. The slope detector determines when the ion current signal exhibits a slope indicative of a time period when knock is likely to occur, and de-asserts a knock reset signal. Finishing surfaces such as discrete finishing members can be comprised of a multiphase polymeric composition. Finally, the system constructs the electronic version of the document by, using the synthetic font to represent text regions of the document, and by using image-segments extracted from the pages-images to represent non-text regions of the document.

1459826117-60e3b414-b722-45cf-be03-12256078eac7

A system and method for performing real-time interventions in a vehicle based on dangerous conditions. The shield includes a needle guide which assures the needle tip is untouched by any part of the shield as the shield is displaced to cover and uncover the needle. The product layout is based a user-selected image, if any, and on the text elements having user-supplied text content. A diverter is provided within the downstream end portion of the incoming conveyor unit.

1459826118-544a5f49-ada8-4835-b80b-fdb8656e1362

A filtering apparatus of a hard disk drive which includes an actuator to move a readwrite head to a predetermined position over a disk and a flexible printed circuit bracket installed in a corner of the base member. A path is defined by the side portion and the support portions. The unique identifier is associated with the emergency information. The coating has a thickness of between about 5-50 \u03bcm.

1459826118-d060975a-753b-4c35-b98a-f0a01f1ccdb5

A micromixing apparatus includes a mixing microchannel formed in a top surface of a substrate having a channel length and a variable channel width defined by a first sidewall surface and an opposing second sidewall surface. The device includes a projection lens assembly and an array of micromirrors for fast and efficient color separation and projection. The first program code determines the route path by applying an algorithm to one or more numerical values associated with the address. A state change of the motor is then detected while increasing hydraulic pressure applied to the engine clutch at a set ratio and a torque transmission kiss point of the engine clutch is calculated based on the state change of the motor. The microprocessor sets an operating mode of the clutch based on the throttle operating parameter value or, optionally, the comparison of the throttle operating parameter value to a threshold value. The present invention includes a memory including an operating system having a scheduler configured to perform a second scheduling function on a plurality of tasks, each having a processing order first-scheduled in accordance with a first reference and a processor performing an operation related to the operating system, the processor processing a plurality of the tasks.

1459826118-d8e2e04d-b07b-4b00-9232-f6351601363b

A container, such as a drink container, comprises a body for accommodating fluids, a bottom, a side wall, a body opening, and a first connecting element. Proliferation or survival of hematopoietic stem cells or hematopoietic progenitor cells is supported by using stromal cells in which the isolated gene is expressed or a gene product of the isolated gene. The clearance surface is of varying width. The image forming apparatus is characterized by further including a detection means for detecting density information of an image to be formed by the image forming

means and a control means for variably changing a heat generating rate of the fixing apparatus depending on the image density information detected by the detection means. The spring piece of the shell can be made pliant even though the profile of the connector is low.

1459826119-06f73817-676d-4da9-b0c2-90cacf7b641e

A system for detecting noise in a signal received by a microphone array and a method for detecting noise in a signal received by a microphone array is disclosed. A pulse width modulator integrated circuit operating in conjunction with a field effect transistor induces energy in the secondary of a step-down transformer to provide a reduced pulsating DC current to a lamp load. The method further includes contacting the water or treated water with a living aquatic organism wherein the value of at least one property of the organism is correlated to the concentration of pollutants in the water.

1459826119-219f4ec9-f06d-4890-b460-86f3029cb888

A handle for a tire bead breaking tool is disclosed, comprising an elongate shaft having a gripping portion, a shield portion, and a working portion at a forward end. An exit table is provided to handle references with session memory that refer to locations in call memory, in which each entry in the exit table is associated with a corresponding reference in session memory and contains a pointer to the location in call memory. Automated highlighting or marking of measures or text assists the performer in keeping track of progress through the performance. The resulting construct retains comparable in vitro kinase activity to that of the wild-type KID, and more importantly, allows complete crystallization of the protein such that it may be characterized by X-ray crystallography. An apparatus for cleaning a microelectronic device is provided that includes a processing chamber; means for performing a SOGanti-reflective material curing process within the processing chamber, means for performing a cleaning process within the processing chamber and means for venting the processing chamber. The access point broadcasts a beacon message if the awake sub-state coincides with the beacon transmission time instant.

1459826119-a8a954b3-6d51-4656-a42b-7504ba3d4b36

A computer software system is provided, namely, An Object Process Graph Application Controller-Viewer system. In the compound, A is at least one of an alkali metal and hydrogen, M<sub>1</sub> is a first-row transition metal, X is at least one of phosphorus, sulfur, arsenic, molybdenum, and tungsten, M<sub>2</sub> any of a Group IIA, IIIA, IVA, VA, VIA, VIIA, VIIIA, IB, IIB, IIIB, IVB, VB, and VIB metal, D is at least one of oxygen, nitrogen, carbon, or a halogen, O. Thus, the structure prevents the shutter members from erroneously moving to a position in which the nozzle is allowed to enter from a blocking position. A multidimensional space is created, which optimizes the spatial separation between the HRTFs according to the classification thereof in the third database to obtain an optimized space. A hollow bridge spans between at least two adjacent item-receiving cavities of the container, a bottom edge of the hollow bridge being lower than a midheight of the frustoconical portion of the item-receiving cavities.

1459826119-fa1f3256-bae7-49f4-8ac1-9a52404f463f

Frame vehicle clamp adapters which allow a frame of a frame-type vehicle to be connected to a pinch weld-type clamp. The antenna circuit constituent body includes the base material made of resin film; and circuit pattern layers formed on each of both sides of the base material and made of aluminum foil. A determination is made as to whether items from the first set are in the second set of items, and the sets are divided into one or more subsets based on the determining. If yes, the base station determines whether to off-load only the user-plane data. To accomplish this, an information processing apparatus allocates, in order to execute an accepted job, a memory area for executing the job preferentially from a memory physically farthest from the SOC die among a plurality of memories, and then



executes the job. The handle is configured to impede an attachment of the fluid source to a water wash connection when the passageway is in a position to direct the flow of the fluid from the drain line to the fuel line.

1459826120-a61ea4a7-b53f-4c09-9550-fe8afa80dddb

A gas turbine engine includes a compressor, a combustor, a turbine, a power turbine shaft, and a gas producer shaft. The method inputs a graphical representation of the business process model using a graphical modeling language. The Queen Batt-Sheva cut with 128 facets makes an even more brilliant; sparkling and eye-pleasing gemstones.

1459826120-d694dd85-2aa4-4925-a7e7-e48e7ef920e6

A flexible display apparatus includes: a flexible substrate; a display unit on the flexible substrate; and a thin-film encapsulating layer on the display unit. In one embodiment, the composition comprises dispersions of micronized metal or metal compounds. The cam has a predefined profile and is able to rotate with the camshaft.

1459826121-0a953a23-bb06-4941-9a44-547f1accbfa4

A method, system, and computer program product are disclosed for generating a pattern signature to represent a pattern in an integrated circuit design. A second keyword group is obtained, by detecting phrases that match keywords of a first keyword group that represent organs or pathologies from within image observation reports. As an additional feature, the products of this invention are especially appreciated because of the ability to quickly and easily replace or change them. The data includes digital data communicated between the radio frequency processing unit and the baseband processing unit.  $\theta$  interface, comprises a protruded end, an elongated portion and a first pin and mounts on the insulated housing. The article may have a nominal profile generally in accordance with Cartesian coordinate values of X, Y and Z set forth in TABLE A.

1459826121-90a527a9-d189-4d67-b9c7-07e22fb522fc

Prior to searching a multidimensional feature space populated with data objects, each dimension in the feature space is divided into a number of intervals. In a preferred embodiment the agent is insulin. The active energy ray-curable coating composition can form a cured film excellent in weatherability, mar resistance, and adhesion to a base material. The second magnetization fixed region 12 is connected to a second boundary B2 of the magnetization switching region 13 and its magnetization direction is fixed to a second direction. It also provides for selecting objects to fit a desired total duration and coverage of relevant categories in the graph. The solenoid actuator is formed by a monolithic assembly obtained in a mould, in which there is injected, on a core and a coil coupled to one another, a plastic material, which defines, once it has solidified, a body for insulation of the core from the injector body and which forms, once it has solidified, a monolithic assembly with the core and the coil.

1459826121-f0e5cbdd-8e29-450e-8fc6-d6878b2409d7

An improved cooling design and method for cooling airfoils within a gas turbine engine is provided which includes a plenum longitudinally located within the leading edge of the airfoils. A magnetized field-shaping element is provided for shaping the magnetic field such that the magnetic field is substantially perpendicular to the direction of the electrical current for generating a force in a first degree of freedom. A separating layer 3 that is transparent to a wavelength of the light beam 7 is formed between the information layers 2 and 4. Before applying the aqueous dyeing solution the carpet is heat-set at 120 to 150\xb0 C. The invention also provides a reactor for bulk polymerization for polyester, which comprises an inner surface that enabling the resulting polyester to be released therefrom upon its volume shrinkage. A tessellated input triangle is divided into the multiple output triangles that are rendered in a computer graphic system.

1459826122-428114cd-0763-43e1-9439-ea509d97734e

Various methods and apparatus are described for archiving of an electronic document between multiple interconnected archive units of a distributed server network in geographically-dispersed locations in order to store identical copies of the electronic document at the same time. The at least two of the electrocardiogram signal, the hydration signal, the respiration signal or the activity signal are combined with an algorithm to detect the impending cardiac decompensation. In addition, connecting portions at the upper ends of the metal terminals engage with a case main body or a covering member to be retained at predetermined positions. The policy rule is then used to control operations involving the files and processes. The invention further relates to a circulating belt for use in a device according to the invention. The catalysts have high performance characteristics, including higher comonomer incorporation into ethyleneolefin copolymers, where such olefins are for example, 1-octene, propylene or styrene.

1459826122-756392e3-2cb5-4c03-8575-8ca3a87d2c75

A computer-implemented method computes the steady-state and control voltage of a voltage controlled oscillator, given a known frequency or a known period of oscillation of the voltage controlled oscillator. A wireless point of sale device may be configured to locate a payment system and transmit a payment authorization request from a remote location to at least one payment system, either directly, or via a payment system directory and/or a SSL Gateway. In another example of the fishing reel, an improved bail and spool system may facilitate retrieval of the fishing line. After that, a precursor pole portion layer is formed in the aperture of the photoresist pattern, and the precursor pole portion layer is polished so as to form an air bearing surface, thereby the pole portion layer is formed so that an exposed surface exposed to the air bearing surface has an asymmetrical inverted trapezoidal shape.

1459826123-338e9202-c492-4f0a-9a0a-57b768cb14bd

A high-resolution, per-packet measurement tool for analyzing a computer network that operates by sending a predetermined number of packets from a sender machine to a receiver machine with measurement information inserted into the packet. The roll screen includes a receiving case, a guide rail, a moveable shaft, a flexible net, and a tape. A plurality of elementary streams are statistically multiplexed to create the single data stream, wherein the single data stream is forward error correction encoded and demultiplexed into a plurality of transponder streams for transmission by the plurality of physical transponders. In one embodiment, the peripheral structure includes at least an inner peripheral structure and an outer peripheral structure. From the first to mth coarse adjustment delay signals, 2m fine adjustment delay signals are generated, where a jth fine adjustment delay signal leads a th fine adjustment delay signal in a phase by a time interval dtc, where time interval dtc is finer than the time interval dtc. The controller is configured to diagnose a responsiveness of the air-fuel ratio sensor on the basis of an output voltage of the air-fuel ratio sensor in a predefined period.

1459826123-9b9fa86c-80bd-4e59-919d-d2c21d01ecd2

Hydrophobic-core microcapsules and methods of their formation are provided. A parity check matrix corresponding to a specific coding rate is extracted from parity check matrix optimized at a coding rate in a desired range while a coding rate is lowered until the error of the reception data is completely corrected, an additional syndrome is generated, and error correction processing is repeatedly executed using the additional syndrome. The motor unit is attached to a valve handle by an adapter, and the sensor can communicate to activate the motor. In a conventional track width forming step, the IBE irradiates the Ar ion beam to the substrate all the time while the IBE is rotating the substrate.

1459826123-d989e0cf-6ade-4795-ab13-1be0d7d3d6ba

In the semiconductor device composing MOS transistor on which impurities are added from the surface of a P-type substrate, the region of immediate below a gate layer is the P-type substrate on which the impurities are not added, and first and second MOS devices, having an N-type diffusion layer are provided on the surface region of the P-type substrate circumscribing the gate layer. Each IGFET includes first and second output regions of a second opposite conductivity type and a gate which is separated from a surface of the semiconductor body by a gate dielectric layer. An apparatus is described that includes a driver that drives a first current through a line and a termination resistance so that a logical value on the line changes from a first logical value to a second logical value. The measuring transducer is suitable, especially, for measuring a density and/or a mass flow rate of a medium flowing in a pipeline, at least at times, with a mass flow rate of more than 2200 th. The method includes the steps of placing a sample in a heated furnace, heating the sample while measurements of sample weight are made, determining rate function from the sample weight measurements, producing a weight loss correction factor using the rate function and using the weight loss correction factor to obtain a corrected weight loss for the sample. The image output unit incorporates a portion of the first image that corresponds to a differential region for which a designation to output has been accepted into the second image and outputs the updated second image to the second display.

1459826124-6f1aaed5-a9e1-42c6-923c-ba9c85a6c122

An optical apparatus and method are provided for controlling the polarization of light. The information storage medium includes the graphic data, page composition information which defines page composition of the graphic data, and the presentation information indicating when graphic screen data, which is composed with reference to the page composition information of the graphic data, is output to a display screen. The invention also relates to methods for producing a soybean plant containing in its genetic material one or more transgenes and to the transgenic soybean plants and plant parts produced by those methods.

1459826124-a1262688-6388-4362-996b-fb60ccce7d66

Disclosed is a method for producing a package. The caller software method calls a software method in a CORBA stub sending a parameter which is created using a classloader of the caller application. The inter-system handoff control component can then implement tunneling between the source system and the target system, wherein signaling/packeting associated with the target system can be transferred over the source system. The face plate further includes an edge that is adapted to deform or otherwise embed a portion of itself into a boat when installed. Subsequent client service requests and responses are transmitted directly between the client device and the server device associated with service instance ID included in the first service response for the duration of the connection lease. The magnetoresistive sensors produce phase shifted output signals representing magnetic flux flowing through the magnetoresistive sensors such that the magnetoresistive sensors are reactive to gap and angular changes in the circular track of the ferrous target.

1459826124-c645861a-cdd1-4798-b3d5-6295bac40c21

Methods and apparatus to perform associated extensions for negotiated channel security protocols are disclosed. In one embodiment, the magnetic detacher may include magnet assembly to provide open access to a hard tag and a magnetic field sufficient to disengage a clamping mechanism of the hard tag. The annealing is carried out with the protective layer on the gate region. In some embodiments, the first cycle and the second cycle are subsequent cycles. For cooling or heating the interior of a motor vehicle, the system can have a cooling circuit with a compressor, a condenser, an expansion element, and a first evaporator and an APU or a fuel cell to electrically power the compressor, and a second cooling circuit a second evaporator, the second cooling circuit being connected to the first cooling circuit.

1459826125-272f4c82-3a9b-4df0-ab67-3aed5ee22340

A voltage control apparatus checks a battery voltage when an automotive generator gradually increases its output to be within a predetermined range after temporarily stopping the generator. A control device determine the mode of operation of the measurement or protective device, and the mode of operation can be changed from the outside using the terminal. Information is extracted from the personal financial disclosure statement, the personal financial records, and the other relevant financial data and input into a risk assessment algorithm. The detecting step may be performed by delivering a series of acoustic pulses at the free surface and detecting acoustic reflections from the free surface as the oscillating free surface relaxes. The increased destruction of cells brings about the improvement in the disintegration.

1459826125-b6583154-8191-4498-bc64-e0ba01e6dfa0

The object of this invention is to decrease a stress to accumulate in a resin layer while preventing any uncured portion from forming in a side surface of the resin layer. In one embodiment, the entropy of the patient's EEG signal data is determined as an indication of the depth of anesthesia. If a home network is identified as being available, the mobile station selects and operates with the home network.

1459826125-ed4c04ce-1f46-4526-8976-65c69736a774

A fabric treating appliance using steam to treat the fabrics and having an exhaust system for removing the steam from the appliance. A guide groove whose distance from the center of rotation of the rotary body is continuously changed is formed in a bottom surface of the rotary body. The secondary device includes a transceiving unit to receive the second signal and transmit a third signal, an internal clock to store the first internal time and to increment the internal time to produce a second internal time, and an event switch operable to execute the instruction when the second internal time matches the time element. In another embodiment, the supercritical etching composition includes a supercritical component, which is capable of etching the particular exposed inorganic material.

1459826125-ee382e82-53fa-41f7-b403-b90d8dae5d39

This invention relates to the reversible protection of hydroxy-silane functional groups by acid cleavable protecting groups. Unlike the \u2018Meipomolo\u2019 variety, the new variety forms golden-yellow blossoms instead of yellow-orange blossoms. The first communication apparatus moreover comprises training mechanisms for generating a training code to be sent to the second communication apparatus enabling a receiver to match a received signal to a corresponding transmitted signal. The notches are delimited upwardly by an upper surface that is not encompassed by the notches. The laser oscillating unit outputs a laser beam synchronized with a movement of a header unit.

1459826126-735b869c-c9e6-4778-958c-421eba7c47cc

A hybrid oxide capping layer is disclosed and used in a magnetic tunnel junction to enhance thermal stability and perpendicular magnetic anisotropy in an adjoining reference layer. The zoom lens includes, in order from the object side, a first lens group with a negative focal length, a second lens group with a positive focal length, a third lens group with a negative focal length, and a fourth lens group with a positive focal length. In addition, the feeding control of the paper leaves are accurately implemented by the over-press detection of the paper leaves or the thickness detection of the paper leaves. It has a sectional area of 4170 sq mm.

1459826127-4f2dce8e-0f4c-4deb-8674-e718c0bffc25

A node controller in a computer system includes a processor interface unit, a memory directory interface unit, and a local block unit. By maintaining the thickness of lubricant exposed at the ball-contacting surface to be less than 20

microns, the integrity of the lubricant layer is improved and the mechanical locking effect between the soft lubricant and the golf ball is minimized. The hinging axis thus able to assume at least two different angular positions relative to the longitudinal centre plane of the shoe, as required by the user. This configuration on the polyhedral structure forms a potential barrier for repelling the ions from each of the regular polygonal surfaces and containing them in the trap. In a second variant, the nib is constituted by sintered microbeads and blocking is obtained by localized hot-melting of the microbeads.

1459826128-1b2f51c4-cd01-44e0-9e61-20dde5980635

An electrical switch apparatus including a movement sensitive form is disclosed. The diphenol compound of formula is produced by polymerizing the diphenol compound of formula and a halogenated carbonyl compound by solution or interfacial polymerization. The substrate is fixed to the base using the second bonding layer. Hence, mobile routers automatically can form a directed acyclic graph relative to the clusterhead, and can distribute routing information with minimal overhead. The second layers have graded thicknesses with respect to distances from the p-doped semiconductor compound layer. A controller is coupled to the first sensor and the second sensor.

1459826129-28a11e12-6818-4176-b9e4-1aa94eba5bae

A digital still camera for receiving a optical tape cassette having optical tape including an image sensor for capturing an image; focusing an image of a subject onto the image sensor which in response thereto captures such image; a structure for receiving the optical tape cassette; an optical writer for effecting a change in the optical properties of the optical tape. Register storage requirements are reduced by producing the target value from a nominal voltage value and one of a plurality of margin offsets selected in accordance with control data. The acceleration device includes, a global arbitration module, a state machine module, and a matrix for connecting plural fibre channel devices. The point of transition is based upon the switching frequency and the lowest rated voltage of operation. One or more longitudinal filler strips are inserted into the at least one internal cavity, each filler strip comprising at least one longitudinal cavity for receiving one or more fasteners.

1459826129-42b7cf23-b3e8-4aea-a0e9-d2120e3ec1b0

The invention relates to an enhanced method of detecting and/or quantifying at least one analyte in a sample. The handle panel is connected to one of the side panels or the bottom. The hydrogen generation process can be started by feeding the hydrocarbon and air to initiate partial oxidation, before steam is added. A rendering mode, viewing orientation, and/or an area of interest associated with the surface can be prescribed and updated in real-time or quasi real-time. During OS runtime of the Guest OS, a VM switch is performed from the Guest VM to the Service VM without rebooting the computer system. An axial force applied to the actuation rod operates to slide the actuation rod relative to the housing and extend the cutter sets from a retracted position radially outward relative to the housing to form the cavity when the housing is rotated.

1459826129-62f3a14f-3a84-42cb-a711-11c97fca968c

A memory timing model is provided, which includes an address input, a multiple-bit data input, a multiple-bit data output, a capacity C and a width N. Pharmaceutical compositions containing the polypeptide and nucleic acids of the invention are also disclosed as well as methods useful in the treatment, prevention and diagnosis of N. An imaging device 56a detects reflected light of illumination light guided by an observation optical system 30.

1459826129-ba1ee014-5a83-4813-96eb-4006d17d7c35

A center beam car has a main deck structure extending laterally from a main center sill, a laterally extending top truss structure, and a central vertically oriented

web work structure for carrying vertical shear loads. A conductive pattern conforming to the at least one channel and exposed to a bottom surface of the semiconductor package is formed. The sharpener may include a pre-sharpening stage for metal blades and a further pre-sharpening stage for ceramic blades. Effectively, LISP provides a Layer 3 extension stretching a subnet across the first location and the second location ). A pumping-out device is in the cavity for pumping air out of the cavity portion and the intermediate space. The auxiliary guide member projects from the fixed guide member to lead the sheet bundle to the fixed guide member without touching a leading edge of the sheet bundle fed by the feeding device on an upstream edge of the fixed guide member in the sheet bundle feed direction.

1459826129-c2a70eab-8d2c-4950-8c9b-fbede2e5d847

An apparatus is provided for finding and defining a prescription for prism glasses for Diplopic patients and AMD patients whose Macula and Fovea are damaged enough that the patients have double vision, but, still have relatively good acuity. An installation computer begins execution of the script program, and before a line or stanza of the script program is executed to initiate installation of the computer program, the installation computer determines that the line or stanza is programmed to initiate installation of the computer program. The gate electrode has a spacer layer located adjoining a sidewall thereof. A measuring device measures an electrical characteristic between the electrode and the shielding film.

1459826130-507a9501-ee23-4d7c-9bd0-774842090090

A panel of a computer's main unit includes a display board, which is capable of showing colors responsive to electrical signals. The labels are used in specifying access control lists for content of the users. Further, the scanning line driving circuit 350 supplies each of scanning lines 312 in a non-display region with non-selection signals by inverting the polarity every one or more vertical scanning time periods. Microprocessor 105 provides validity criteria which changes depending on the grip status inputs. The technique includes determining, at the server, a status of the specific phone associated with the geo-fence based on a previous status of the specific phone and the position information.

1459826130-6fe39f35-85d1-490a-ac3e-f3374c055fc4

A wrench is configured to rotate a fastener. When a threshold value violation has occurred, judgement is performed from which use purpose the threshold value derives. The main body houses the memory for data storage as well as the encryptdecrypt device and ancillary circuitry. The first transmission gearwheel is connected to a second transmission gearwheel, on which the second butterfly valve element is connected by a one-way positive drive element.

1459826130-74ad7962-ef74-4240-86e7-ecd465ff6d25

A microelectromechanical systems device includes a substrate and a movable element adapted for motion relative to the substrate. The process includes estimating a cost of executing a live migration of a virtual machine, using a count value of an access counter for counting the number of accesses to a memory allocated to the virtual machine, a capacity of the memory, and a bandwidth of data transfer between physical machines relating to the live migration. The guide tube extends into the distal tube, and the proximal ends of the guide tube and the distal tube are joined to one another and at the distal end of the main tube. It also carries out data relocation between storage subsystems by shifting data stored in an origin LU to be relocated to a destination LU. The fresh gas distributor may have a housing flange securing the fresh gas distributor to the cylinder head. The compounds and pharmaceutical compositions thereof are useful for the prevention and treatment of a variety of conditions in mammals including humans, including by way of non-limiting example, pain, inflammation, cognitive disorders, anxiety, depression, and others.

1459826131-1e841c4b-746a-4deb-97be-059d71e226ee

A system that executes a long transaction in a system with limited transactional hardware resources. 5, and functionalities that react with one another to cross-link i and ii at cure to yield coatings with an excellent balance of hardness and mar resistance. The surfaces of fiber yarns of the knitted fabric are integrated with the molded product body by melting and solidifying. The bone is cut into first and second bone segments based on a position of the saw block.

1459826131-5cb8462f-8888-4c9a-bfde-173c42f6f48a

An optical semiconductor device includes a first light receiving region and a second light receiving region provided on a substrate and the first and second light receiving regions include light receiving elements, respectively. The fixture seals the lamp and heat generated by the same to a reflector interior. The systems also include an electronic or communications device, for example, such as a cell phone or smartphone, configured to communicate with the measurement device. The transom nose portion has extensions extending beyond opposed ends of the transom body portion received in the notches of the mullion body portions whereby the framing portion is formed for sealing receiving a panel to form an air barrier, with a gap being defined between the extensions of the transoms and the mullion nose portions. The node prevents re-flooding of the LSA, if the other nodes in the communication network are located outside of the predetermined range. In one example, an engine is started and idled before engine torque is required so that driveline torque response may be improved.

1459826131-b51e8f6b-e040-4168-b833-4412395d5cb3

Embodiments include a system for determining cardiovascular information for a patient. When a scanning utility identifies a data error on the mass-storage device, it writes structured information descriptive of the error to the scan buffer. Such a composite pipe may be made by selecting a polyetheretherketone pipe having an outer region having a crystallinity of less than 25%; overlaying the selected pipe with overwrap; and subjecting the combination to heat, thereby causing the crystallinity of the outer region of the polyetheretherketone pipe to increase. The device structure of the present invention facilitates the control of the rate of the carrier transport, and thus, leads to the formation of a light-emitting element with a well-controlled carrier balance, which contributes to the excellent characteristics of the light-emitting element of the present invention. The label may take the form of a flexible, disposable label that is typically powered by a small battery.

1459826132-30dc2701-4632-4926-a90f-f5eaad6dd43f

The invention relates to metathesis oligomers wherein one or more alkoxy ether groups are attached to the oligomer moiety. This configuration produces a very high quality analog-to-digital converter with a very low surface area requirement. This determination is made with one field being common to the first and second motion values, and taking the minimum of the first and second motion values to be the motion value at that position.

1459826132-3ead099e-90fc-4867-a0de-7f37ef13f504

The cartridge can include a mixing component for mixing different solutions so as to form a product solution. 7 and containing at least one cross-linkable functional group comprising a step of radically polymerizing a mixture of ethylenically unsaturated monomers comprising at least 50 mole % of methacrylate monomers to a polymer, in the presence of a) a radical precursor and b) I<sub>2</sub> or a sulfonyl iodide. A specific region is then defined through photo resistor mask, and the stress of the region is changed by ion implanting. The second semiconductor package may include a second package substrate and a logic chip on the second package substrate.

1459826132-7859130c-5e64-421e-99e0-7571b441fe71

A system and method for generating and utilizing a computer model of the craniofacial features of a patient is claimed. One or more layers of material may conformally coat the walls to a substantially uniform thickness. In particular, a display is provided to a user that indicates various events in a \u201cstacked\u201d format. The transition rules are stored in the first memory in a ranking order of generality. A virtual test environment is created emulating an actual test environment, and a virtual device emulating the actual device is created and is stimulated with an input test signal emulating an actual input signal. Thereafter, the method includes modifying uplink Modulation and Coding Scheme level of the one or more MSs.

1459826132-bda407ee-3179-4b25-8ceb-7ae9070900e6

A chassis with horizontal plugged frames includes an air inlet, a board area, a first air chamber, a second air chamber, and an air outlet. The projecting body has a reference surface facing a corresponding thrust surface of the main body and spaced from it, the connection section being configured so that its deformation makes it possible to move near each other and bring into contact the reference surface and the thrust surface when the fixing element is connected to the base element. The system includes a plurality of nodes.

1459826132-e87215ef-9ab6-4311-a58e-5c262720dab6

A method for removing defects from a semiconductor surface is disclosed. The combined communications device and ignitor device facilitate the ready availability of an ignitor device for lighting smokable items or for igniting emergency flammable items, such as flares or kindling. Solution studies demonstrated formation of monoprotonated and diprotonated species upon irradiation, each resulting in distinctly different absorption and fluorescence properties. Compensation for the timing offset in the first chain can then be performed.

1459826133-5cdc68b1-8668-43d3-9443-7e01402e0270

Some embodiments provide a configurable integrated circuit. At least one tooth is formed on one of the dose knob and the dosing ring, and at least one groove is formed on the other of the dose knob and the dosing ring, with the groove being formed to receive the tooth. The surface of the attachment layer has proper viscosity or suction property, and the attachment layer has its underside fixed on the circumferential portion of the positioning hole of the sheet body, having its surface range covering at least the circumferential portion of the CD carrying tray, which supports the CD. Local notification data defined by the recipient may also be evaluated. The semiconductor chip may thus act as a function switch.

1459826133-71399cf8-8d2e-4b36-b9a7-af899252970d

A system for adjusting the position of a load supported on a conveyor cart includes a driven lift mechanism for controlling height and a turntable for controlling rotational orientation. Various structured polymers are prepared and characterized. The housing has white LEDs and blue LEDs mounted thereon. Since the delay time may be a function of energy released, the delay from energy release to shunt initiation is optimally a function of the energy storage time of the inductor. Ramp generation circuitry may generate a ramp signal based on the counter value and apply the ramp signal to the pixel signal at the first input of the analog-to-digital converter circuitry. The control section, when the charge rate  $C_1$  exceeds a set value  $C_s$ , performs overcharge-prevention control of making assist power by the electric motor action of the generator-motor be greater than that when  $C_1 \leq C_s$ , the set value  $C_s$  predetermined as a charge rate at which receiving the regenerative electric power can overcharge the electrical storage device.

1459826133-93e5615f-9c1b-4b83-a0b4-2569d76b359c

A method and apparatus to attach multiple components to a common heat dissipation device. The imaging device includes pixel groups, each of which includes first pixels arrayed in the row direction and second pixels arrayed in the row direction



at positions adjacent, in the column direction, to the first pixels. The device can be used in WDM systems. Nonlinearity is corrected through adaptive region enlargement by using the maximum horizontal length and the maximum height of the divided character regions. Thereafter, another layer of the absorbing powder is formed on the intermediate transfer member, and the liquid is applied to the powder layer so as to form a second visible image.

1459826134-251e6778-7429-43fa-a839-4f720bf8f87b

A viewfinder of a small size and a small thickness is implemented to achieve a miniaturization and reduction in thickness of an image pickup apparatus. The active regions defined by isolation structures disposed in the substrate are extended in a first direction. These photovoltaic cells have large power generation capability per unit physical area over the conventional cells. A second path to the device is selected if the first path fails. In order to increase the tamperproofness of the image to be recorded and the identifiability of the said image, without adversely affecting the brilliance and colour fidelity of the image, the invention provides for a portion of the image information that is to be recorded to be additionally written to the substrate with the aid of radiation. At least a portion of the coating and intermediate material layers is removed at the weld notch so that certain constituents from such layers do not affect the integrity of a nearby weld joint when it is subsequently formed along the edge region.

1459826134-2f2f7af5-3c06-45d3-8dc4-1092830b7c37

A data storage device including a solid state memory comprising logical block addresses corresponding to boot data accessed by a host during a boot process, and a controller. The assay can monitor for the presence of antibodies in the patient which interfere specifically with the anticoagulant function of APC in an oxidation dependent or independent manner. In one embodiment, the invention employs a rotating optical switch to time multiplex an input signal through multiple bandpass filters and into a single optical detector which is electrically activated only when the filtered input light pulse is about to impact it. The second piezoelectric microactuator is electrically non-conductively attached to the load beam and the mount plate.

1459826134-5553b1d7-8017-4d80-9d1a-c72a3c6870f1

An inorganic coating material maintains the properties of high heat resistance and high electrical insulating characteristics of inorganic materials, while enhancing the degree of adhesion with respect to an object to be coated. The structure comprises a bolster frame having a base and a stanchion connected to the base. Regarding the easy and short process, a remarkable energy saving is possible. The contact surface contains abrasive particles while the metallic coating provides at least conductive qualities to the contact surface.

1459826135-6b328169-c7b4-4609-bba7-677008c23a0d

A preparation is disclosed for producing enhanced blood flow in tissue thus causing beneficial effects such as promoting hair growth on scalp tissue lacking sufficient hair, restoring normal sexual function in males with erectile dysfunction. The image data read by the reader is output to an image output device designated based on the read image output instruction data. The ear pieces fit over the ears, and are configured to receive the strap at a point proximate the anterior, center portion of the ear, causing pulling forces to be on the posterior center portion of the ear rather than on the top of the ear. The apparatus also includes a first harmonic reduction circuit selectively connected between the first band selection circuit and the circuit ground and configured to reduce 2nd harmonic frequencies associated with the first frequency band when the amplification band is set to the first frequency band. The modified structure is provided by attaching additional structural components or elements to the end or outside of the structural member or by modifying the shape of the structural member.

1459826135-c3f45ad7-5fd6-400e-a1d1-2dd923ae60d5

A semiconductor wafer is thinned to a predetermined thickness by grinding the backside thereof, and then a metal layer made of metal having a linear thermal expansion coefficient close to that of the semiconductor wafer is formed on the ground side. An appendage extending from the top of the module may include a handle and/or an adjustable support mount that allows the module to hang from a variety of surfaces. The invention can be used during dental occlusion operations, for example. The signal processing system also includes a data exchange capable of exchanging data signals modulated by a voiceband carrier on the switched circuit network with unmodulated data signal packets on the packet based network. The cooling system comprises a cooling means equipped at a back surface of the coating blade, interconnecting hoses for communicating coolant to the cooling means, a circulating unit, and a heat-exchanging unit.

1459826136-02a71c04-07d4-486b-a719-51267a5b02fc

A method and a device for applying large areas of glue used for a bottom film of an absorbent pad at the four corners of the bottom film of the absorbent pad of a health care article is described. The dispenser has a handle portion, a dispensing portion, and an elongated cylindrical tube extending between the handle portion and the dispensing portion. In an illustrative embodiment, skin containing acne bacteria is treated with a series of pulses of light from a light emitting diode. Greater privacy and control is provided to users over current and subsequent browsing sessions. In some embodiments, the crus muscles may be sutured together to reduce the hiatus size and a reverse stent may be deployed to reduce the annulus of the lower esophageal sphincter.

1459826136-7b29cedc-2b7e-477b-a60d-9586ce33f707

Methods, systems, and apparatus for magnetic resonance imaging are described. Each node implements a respective routing strategy for routing data through the network, the routing strategies not necessarily being the same in every node. Switching between power reception mode and data communication mode is detected. A plurality of flexible fins are mounted in tension between the outer ring and the central rotator bearing such that the fins are able to flex when contacted by wind at certain wind speeds. The controller can also receive from the current-sensing device a plurality of measurement values for the current through the actuation coil. The wave-inducing device is designed for arrangement in the casing and includes a movable element which, when the wave-inducing device is arranged in the casing, is designed to be moved by cement and/or another fluid flowing through the casing so that wave motions and/or vibrations are provided in the cement during the cementing of the casing.

1459826136-d47d2147-bd28-4739-ad25-4009e2efb9a5

Disclosed are a backlight unit capable of determining a deviated degree of a lamp grip by a guide line formed adjacent to the lamp grip a PCB that connects an electrode thereof with a lamp electrode, and a manufacturing method for the same. The system and method further provides a computerized mechanism for creating an inventory and marketplace for available properties for use in telecommunications networks, providing quality and/or performance monitoring and control for wireless communication systems based on data in the clearinghouse, and providing localized content over wireless networks using the clearinghouse. The first detector may obtain data from the second detector via the first SAP and use the obtained data to determine a location of the apparatus. First, whether an external energy storage device is connected is detected. The positive and negative capacitive elements form a capacitor.

1459826136-d4e5c456-008c-497e-b2b7-9d2458587ae4

Apparatus, process and article for treating a gas containing one or more of a chemical and/or biological contaminant. The composition of the present invention has superior effect to prevent and remove calculus, and removing interdental plaque.

However, non-adjacent STI regions, rather than adjacent STI region, receive the implant. The invention further relates to a combination of the two dipole structures such that together they act as a monopole to cover the low frequency spectrum. The indicator may be configured to generate an alert upon generation of the alert trigger.

1459826137-6492a99d-9e82-417a-8f2e-275d4a915c62

PKC V5 isozyme-specific peptides are described. A preferred formulation comprises 0. The photographic camera records an exposure opening position signal indicative of the size of the exposure opening on the photographic film, and the automatic printer automatically prints the photographic film using the exposure opening position signal detected from the photographic film.

1459826137-65908d03-b7aa-46d3-b95e-d332deb289b4

A liquid supply assembly for use with a printing system of a type in which a liquid is deposited from the liquid supply assembly in a receiving region on a plate and any excess of the liquid in the receiving region is scraped from the plate by the liquid supply assembly. In the gland packing 4, ends 1a, 1b in the width direction of each of the braiding yarns 3A to 3H constituting the gland packing are directed to the inner side in the width direction, and the reinforcing fibers 2A to 2H protruding from the ends 1a, 1b are confined to the inner side of the braiding yarns 3A to 3H. The X-ray source is configured to generate a vertical beam spot pattern and does not generate beams that move horizontally. At least one further compact unit is provided which comprises at least one communication arrangement with a short-travel drive, wherein this further compact unit is likewise provided on the snorkel tube. The porosity-controlling agent is selected from the group consisting of agents that change size as a function of temperature, agents that change size as a function of electrolyte concentration, and agents that change size as a function of temperature and electrolyte concentration to provide a change in an overall porosity of the separator. In one embodiment, a collimator may be used during a sputtering process to filter out charged particles from the material that may be deposited as a metal layer.

1459826137-94458226-f33c-40b7-87c6-aa4393f59f13

A radiation detecting cassette includes an IC card detector which detects insertion of an IC card in a slot, outputs a detection signal representing that the IC card is inserted in the slot, and reads ID information stored in the IC card. In executing the associated method, the controller determines whether continuous output torque is required through a torque exchange. ECU calculates a parameter fluctuation amount of an engine occurring in response to the valve lift switching operation, and corrects the valve lift switching characteristics when the calculated parameter fluctuation amount exceeds a predetermined judgment value.

1459826137-945e1a4f-a156-4a5a-b28a-976cc2625749

A yoke main body formed of an upper yoke and a lower yoke accommodates therein a magnetic substrate, a plurality of line conductors, a plurality of capacitor substrates, a magnetic member and a spacer member. A spring arm and a damping arm are connected fixedly to the front part. The accelerator column includes a plurality of accelerator electrodes. A conducting portion is mounted on the bottom surface of the insulating body. The device may also be installed in a window opening to serve as a window screen, if desired.

1459826138-5b927973-9475-4cd1-b57f-43a0d1427049

A joining assembly for joining a pair of structural members, comprises a bolt having a thread and a nut-like blind rivet adapted to be inserted into mounting holes of the structural members and to be threadingly engaged to each other. The water-impervious member 16 is formed into an upper opening vessel shape, and has a water reserving function. A wafer W to be subjected to plasma processing is mounted on the electrostatic chuck. In this way, the terminal has no knowledge of the

actual keys pressed and the secrecy of the alphanumeric data is ensured. Y is C, O, S, NH or a single bond.

1459826138-a4a7a4f3-9b67-4cd9-ad7e-a3a8db791363

A scanning mirror useful in laser projection devices is provided. One vehicle has a platform supporting two wheels in line along a central longitudinal vertical plane through the platform. The updating operations are performed while a connection to the remote network is left idle, to maximize usage of on-line connection time. The body includes at least one electrical outlet and one networking adapter. When the retainer portions are squeezed together and permanently connected, such as by weldment, projection is urged more firmly against lens bearing surface and lens abutment surface is urged against lens aperture.

1459826138-ea0032b9-18a9-4f6f-a846-2cbb593f4f57

A novel and improved method and system for paging a cellular telephone or other wireless terminal using two paging channels that reduces standby mode power consumption described. The stopper prevents a lid assembly from being rotated more than a maximum opening angle. Players enter the values from the playing cards into the control pads. In a first position, a first, smaller distance and in the second position, a second larger distance are provided between the bearing surface and/or the lower edge of the clamping element and the contact surface of the respective distancing element is determined by the held shelf base. , by looking for a paper and pen. Once the graft has been successfully placed on the glenoid, the loops are positioned in close proximity to the pre-drilled holes.

1459826139-26c82057-3fa0-4fb2-8fa0-f0f616c63bc5

An electronic load includes a current control circuit and an interface circuit. In accordance with the invention, the animal litter comprises discrete plural particles of a seed meal, which particles tend to agglomerate into clumps when wetted. The switch is coupled to a diagnostic tool to receive a power status signal from the diagnostic tool. A dielectric layer of the probe is disposed side by side with and connects to a dielectric layer of the signal cable. In one set of embodiments, populations of one or more tracking cells are associated with different logic levels of a multi-state memory. Thus, a user can adjust a setting angle of the comb head relative to the grip by means of the engagement of one of the first coupling portions of the grip with the second coupling portion of the comb head, thereby enhancing convenience of use.

1459826139-b907d55f-65c7-4662-97c5-11253bca2d6b

The invention provides sodium channel modulating compounds which are useful for treating diseases or conditions associated with sodium channel activity, such as neuropathic pain. The system utilizes a remote monitoring unit located on-site. For instance, reversibly protected silanes are of particular value in applications where room temperature cure and/or adhesion is of value, such as coatings, high resolution imaging, caulks, adhesives, sealants, gaskets, and silicones. A main pointer queue contains addresses that point to storage entries in the central buffer.

1459826139-c25d9b39-ce07-4b4c-b446-303ed094259e

Novel system for supplying power from multiple power sources to a powered device has first and second input power supplies for respectively providing power from first and second power sources. The method of providing secure access to content comprises determining an identification from a secure medium including content. Further, the at least one electrodeless plasma lamp generates light having a light power spectrum similar to a solar light in a region of UV light and short-wavelength visible light corresponding to a range of about 300-500 nm. The fibers can be cross-linked, if desired. The invention is preferably applied to render non-moving dither patterns invisible in a plasma display panel driving method in which the display signal is subjected to a dithering.

1459826139-f6a49fbb-42dd-481f-8e6d-839866cd2744

It is an object of the present invention to provide a communications system for communication between two remote terminals, where even at very long distances between these two terminals and/or at very small signal-to-noise ratios a robust communication is possible. The method includes receiving seismic data with regard to the P-waves, wherein the seismic data includes vertical and radial components recorded with a buried two-component receiver; calculating with a processor a primary component and a ghost component from the vertical and radial components; and computing an image of a subsurface based on the primary and ghost components. Data is transmitted using an N2 point inverse FFT within the bandwidth, BW1, wherein N2 is greater than N1; and subcarriers associated with the N2 point inverse FFT are employed to transmit the data. An optional energy attenuating liner can also be included as an inner layer that is disposed adjacent to the rigid liner and intermediate the head of the wearer to more safely distribute kinetic energy.

1459826140-3f5c104d-5b7d-4c82-b7f6-b2e1306d24fc

A pad backer is described, comprising a backing plate, an elastomer layer and a pad backing ring. The contacts have four conductive contacts and at least one pair of differential contacts for transferring high speed signals. An electronic device includes a molded product of the polyphenylene sulfide resin composition. Within the inner volume is a tray or cassette configured to be moveable within the inner volume. The first interface node has a configuration table to store structural information for the memory storage system and in response to the frame sent from the computer, analyzes the applicable frame, converts information relating to the transfer destination of that frame based on structural information held in the configuration table, and transfers that frame to the switch.

1459826140-ca849aa3-5684-4e1a-a430-6d3e1c2654d5

This invention provides a method for modulating the efficiency of translation termination of messenger RNA. The quartz crystal wafer is etched in a second etching process different from the first etching process to form a groove having stepped portions in at least one of opposite main surfaces of each of the quartz crystal tuning fork tines. In at least some embodiments, a key or keyboard element can be associated with comparatively little or no actuation force and/or travel distance.

1459826140-cf0bc90d-e971-4758-88ff-4663410ce9de

Wafer order is randomized in-situ by use of a separate wafer staging area and randomly shuffling wafers to and from this staging area to shuffle the processing order of the wafer lot. The original interface is not redefined nor is the real target object implementation modified. They are furthermore indicated for the treatment of benign and malignant prostate hyperplasias. The field plate is placed adjacent to the drift zone and is isolated from the drift zone.

1459826140-fbe33569-47c7-477e-ba39-f0487570a3c4

An elliptical exercise machine and methods for using the machine where the horizontal length of the stride of the ellipse can be adjusted by the user without the user having to alter the vertical dimension of the ellipse by an equivalent amount. Specifically, the method provides for molding a polyurethane coated sandwich structure comprising a honey comb core having fiber reinforcing layers to provide an environmentally friendly polyurethane molded article with a desired shape such as an automobile load floor. A pressurizing arrangement is provided to maintain a selected, predetermined pressure in the air bag system when the vehicle is at rest to thereby maintain a desired vehicle height. On the yolk layer, serving as the background, which has been formed by the coagulation of the yolk on the curved surface of the boiled egg, a pattern layer is formed by the coagulation of the albumen.

1459826141-0f343d12-8c14-462f-8528-5e0cb7119dc1

A method of and apparatus is disclosed for water desalination including steps of transferring water vapor from salt-water in a vaporization zone 7, via a water vapor transfer zone 12, to a condensation zone 11, and condensing the water vapor into fresh-water. The SIM uses the received updates as a list of available networks for a second subscriber identity and provides the second subscriber identity to the device. An MPU applies voltage having a predetermined waveform to the DC motor, and then detects a waveform of current flowing to the DC motor. The stiffeners may include apertures through which intermediate conductive elements or other structures secured to the connective structure may be exposed or protrude. The organic electroluminescent device has higher luminescent efficiency, a longer lifetime and a lower operating voltage than a conventional organic electroluminescent device, and can be easily manufactured. As a result, it is possible to realize a Braun Tube for projectors, in which an extended life cycle is achieved by constraining the degradation of the illuminant, constraining the browning phenomenon, as well as improving the spot size of the electron beam thereof.

1459826141-3779b27c-19a5-4625-b37f-08893a3fc4fc

In a two-stroke, opposed-piston internal combustion engine with optimized cooling and no engine block, the opposed pistons are coupled to a pair of crankshafts by connecting rods that are subject to substantially tensile forces acting between the pistons and the crankshafts. It is characterized in that it also includes an intermediate tube between the mother preform and the outer tube, the intermediate tube possessing viscosity at fiber-drawing temperature which is less than the viscosity at fiber-drawing temperature of the mother preform and of the outer tube. The slide block has a slot which is wider than the wire but narrower than the means for attachment, such that when the slide block is mounted on the machine, the wire end two can be slid into the slot such that pulling the slide block in the direction away from the wire forces the means for attachment against the slot, but does not allow the means for attachment to pass through.

1459826141-4ddd6532-ba37-4619-8c6d-68b45338eac7

In a transfer unit of an image forming apparatus, an auxiliary transfer roller and a main transfer roller are provided relative to a photosensitive drum, with a transfer belt interposed. When a first frame stored in a frame buffer and a plurality of second frames to be outputted by an audio and video source are the same, the AV source set a AV control signal corresponding to a self-refresh mode, and a timing controller controlled by the AV control signal accesses the first frame to output a display data. The platforms are suitable for providing a logic function, and include embedded programmable logic, memory and a reconfigurable core.

1459826141-97d14515-93e3-451b-97a8-7526ce4cefff

Methods for reducing the complexity of integration of nucleotide sequences into a plant are provided. The length of a burst may then be determined by subtracting starting locations of successive bursts. The receiving device responds by providing desired parameters including an overall file size to the sending device. The constrained shape recovery of the gasket and bolt cores is combined with inverse flexion flange design that constitutes original type of BFC with feature to inhibit flange rotation and creep of bolts and gasket under conditions of a variety of operational temperatures and internal pressures. The detected random access channel preamble is indicative of the best cell portion for communicating with the user.

1459826141-cac25e9b-2f6d-4fd2-b8c8-84cead3c1ad4

A system in an embodiment includes an image forming apparatus, an erasing apparatus, a first apparatus, and a display unit. A low k dielectric layer is formed over a substrate. The full metallic chassis devices may include a keyboard and/or trackpad that include a plastic keycap. The control circuit converts an

oscillator input signal into bias control signals that in turn control the effective resistance of the symmetric loads such that delays through the delay cells are a function of the input signal.

1459826142-20ac0fc4-01b0-4a53-9a9c-8414284cf81f

A bottle-type plastic container includes a container body and an opening at one end of the container body for allowing liquid contents to be charged into the container and discharged therefrom. Light from the light source is projected into a scan field external to the housing and onto a code symbol on an object located within the scan field. To those ends, the sensor system includes a base, a substrate, and a flexible member suspended from at least a portion of the substrate. By such an arrangement, the locking device between the lamp holder and socket is an inner structure.

1459826142-e2627a10-6205-4112-a3b8-0e2915f92592

A protection device includes a substrate capable of suppressing electromagnetic fields, with a channel formed therein, a current dependent circuit interrupter disposed inside the channel, and voltage management circuitry coupled to the substrate. The system can include a source of input that identifies a status of a driver of the motor vehicle. For example, a management infrastructure may create service distributions for the managed entities, which may include virtual machine images hosted on physical resources. The flexible element is used to prevent foreign objects or light from falling into the hollow shell. Communicatively coupling between qubits is realized through respective intra-cell and inter-cell coupling devices. Another evaporator has a refrigerant tube that is sandwiched between a pair of corrugated sheets that have ice forming surfaces.

1459826143-4c6e1f96-fb88-45b7-8a48-d9039cc49d71

An antenna radiation collimator structure is provided as including a number of resonator circuit boards oriented to form a block structure. The patterned metallization is segmented into a plurality of spaced apart metallization regions. The locking mechanism may also cooperate with the disc retaining hub to lock itself to the hub.  $\leq 10^{-10}$  pFm or less and a dielectric dissipation factor of 3. The clipped polygons can then be rendered, and a portion of the previously rendered frame can be copied, to provide the panned frame. The present invention uses a data mining agent that operates autonomously, proactively, reactively, deliberately, and cooperatively to allocate and reallocate data mining processing tasks among computer systems, and/or among processors.

1459826143-4e02c47c-4d81-4078-a548-797ebb952c7a

Methods of depositing a film on a substrate surface include surface mediated reactions in which a film is grown over one or more cycles of reactant adsorption and reaction. After demodulation of the compensated optical signal, error conditions of the signal are monitored and an error signal is output. The movements of the cable activate cam levers which rotate cams that move a pair of jaws towards or away from each other. The actuator assembly is unlatched by measuring the environmental element near the actuator assembly and applying an alternating current to a voice coil coupled to the actuator.

1459826143-927c6f62-2070-4441-adc0-32d8d8a6730e

A method of manufacturing a thin-film magnetic head may include forming a first magnetic layer, a thin-film coil, an insulating layer, a gap layer, and a second magnetic layer. The process steps are: thiophene extraction; thiophene oxidation; thiophene-oxide and -dioxide extraction; raffinate solvent recovery and polishing; extract solvent recovery; and recycle-solvent purification. An audiovisual output section 72 receives the signals and outputs images and voices. Further, an inverter may be provided to convert the DC voltage to an AC voltage for a customer load or for connection to the utility grid.

1459826143-caf26cf0-ed2f-4cec-b309-43f20cbe39fc

A product distribution apparatus, shown in the form of an agricultural air seeder is disclosed having sensors to measure the mass flow through the distribution system, sensors to weigh the tank and the product therein, and sensors to measure the quantity of product in the tank. The prosthesis has a preformed shape that conforms to the wall to facilitate placement and minimize shifting of the prosthesis when positioned on the wall. Thereafter, the exciter connects the first trace line to an excitation node to induce a charge change on the second trace line, and the sensor senses the charge change to detect the variation of the mutual capacitance between the two trace lines.

1459826143-e5cdb846-49d3-4ef8-bf6a-a707b3ff50ca

An ultra-wide band waveform generator and encoder for use in a UWB digital communication system. Each manifest contains a list of file records, where each record contains the name of a file stored on the storage device, and a SHA1 hash value derived from the contents of the file. By tapping intermediate values from one processor, and feeding them to the next, a significant emulation speedup is achieved.

1459826144-29664df2-f6e4-4ce2-b7a5-046bf35397bf

A spread illuminating apparatus having a light conductive plate made of a light transmissible material and a bar-like lamp disposed along and close to an end face of the light conductive plate. The sections can be folded into a transportstorage position or unfolded into a substantially horizontal deployed position. This charge-transporting varnish enables to form a uniform and smooth charge-transporting thin film by a spray method or an ink jet method on an exposed electrode portion such as ITO or IZO of a substrate on which a structure of a simple or complicated pattern is formed beforehand. Grain is discharged from the dryer when the target moisture content after cooling added to the expected moisture reduction in the grain as the grain cools meets the measured grain moisture content in the dryer.

1459826144-2c4a5978-5eaf-4bba-aead-4c55e7688eb1

A system and method that does trustworthy multi-objective structural synthesis of analog circuits, and extracts expert analog circuit knowledge from the resulting tradeoffs. The assembly further comprises a blood transfer guide housing that contains a first optional set of barbs that holds the cylindrical end of the syringe. The thus hexagonally formed lens holder has advantageous air chambers and an enlarged distance from the lens, and also an elastic support deviating from a parallel guide, which lead to a low degree of lens tilting, improved guidance properties and a natural resonance behaviour which is necessary for scanning at high speed. An output of the start-up control unit controls a switch and the transistor. Control data may be inserted within an inter-packet gap, a data packet preamble and/or a Q ordered set and/or may be sent via an out-of-band signal.

1459826144-3365facf-9b6d-4ff9-a460-bcada15f0483

In a system for thermal processing of a semiconductor substrate, an RTP system employs a reflector plate which is highly reflective of radiation in a target wavelength range, and less reflective of radiation outside that target wavelength range. The method offers advantages over existing systems for preparing recombinant proteins including high yield, low cost and compatibility with animal protection regulations. During sintering, the carbonaceous material causes residual porosity in the sintered PCA. Accordingly, the number of mask processes for forming a black matrix is reduced.

1459826144-82bed870-e9b5-42f6-9fb5-52ae12703104

Support matrices for semiconductors are often encapsulated in a region of the bonding leads, the so-called bonding channel. The ratio of detected optical energy in each of two detectors examining the wave intensity returned to a wavelength



discriminator coupled with the characteristic of the wavelength discriminator determines the wavelength returned by the grating. A second jacket encases each acoustic sensor and any electrical conductors coupled thereto. The cast iron coupler body is pivotally supported by the mounting bracket and the cast iron coupler support body. An overlay network uses nodes in partnership groups so that a target node can obtain segments from multiple sources.

1459826144-e948770b-f4e4-4d87-9c68-d002a3dd1060

The electronic device comprises a network of at least one thin-film capacitor and at least one inductor on a first side of a substrate of a semiconductor material. Both sets of blades assemblies are connected to a generator and are operable to rotate the stator and rotor thereof in opposite directions relative to one another due to the blade arrangement between assemblies. 03% or less of cleanliness as stipulated under JIS G 0555, has final annealed temper and a preferred orientation texture in terms of 50% or less of degree of preferred orientation of the plane in a central portion between the sheet surfaces which is expressed by the following formula:. A supported hybrid metallocene catalyst comprises a first metallocene compound represented by a first given formulae, a second metallocene compound represented by one of three given formulae, and a support. The bonding member is formed to cover a portion where the opening edge of the groove which becomes the recording liquid supply path, in the primary flow path forming member abuts on the arm portion of the second flow path forming member. The second indicia containing at least an indication of a value of the voucher.

1459826145-21941d51-ccc7-47bc-b279-38cde5c5430d

A soybean cultivar designated 17110882 is disclosed. In the fuel injection system, a fuel injection pressure applied to the upstream-side fuel injection valve is set at a higher value than a fuel injection pressure applied to the downstream-side fuel injection valve. The top edges 86 are compressed to a lesser degree than the body of the walls.

1459826145-ea8bfe5b-1dbd-4ba8-b1d0-050d2db7b89a

A system and method is provided that facilitates the uniform development of a pattern on a photoresist material layer using a developer. The broadcast receiving apparatus also determines whether the print information included in the broadcast signal that is being played back includes acquisition instructing information instructing acquisition of a print content item transmitted from an external server. The measurements to be fused are each acquired from its respective source and correspond to an associated sampling period within an acquisition interval.

1459826145-f5499f1a-2857-4288-a950-abe0a4c0e4b1

A process, machine, manufacture, composition of matter, and improvement thereof, and method of making and method of using the same, as well as necessary intermediates, generally relating to the field of semiconductor devices, the structure of transistors, and the structure of compound semiconductor heterojunction bipolar transistors. The super-oscillatory lens is arranged to receive a light beam from a light source, the lens having a pre-defined pattern to spatially modulate the light beam in amplitude and/or phase so that it focuses the light beam to a focus at a first focal point having a full width half maximum of less than half the wavelength. The drug conjugates of the invention may also be used as a prognostic tool or as a tool to deliver therapeutics to specific sites within a mammalian body. A series circuit composed of a diode D1 and a capacitor C4 is connected in parallel with a secondary winding 5b of the transformer T, to form a rectifying/smoothing circuit. The manufacturing process for an annealed wafer comprises: cleaning a silicon wafer; and loading the silicon wafer into a heat treatment furnace to heat-treat the silicon wafer in an Ar atmosphere, wherein an aqueous solution including hydrofluoric acid is used as a final cleaning liquid in the cleaning. Other embodiments may be dedicated GSM Prime receiving units.

1459826146-186ca980-48a8-42d1-8463-2a46bc5ff2e9

Protecting a FET from plasma damage during FEOL processing by forming a FET-like structure in conjunction with and adjacent to an FET, in a same well as the FET, but having a body doped opposite to the well polarity. Samples are irradiated in a chamber having a resonant cavity containing a plurality of affixed reflectors, where selective Stokes scattered radiation is transmitted to a detector for determination of sample identity. The module has a plurality of physical layer links. This invention also relates to methods for producing a maize plant containing in its genetic material one or more transgenes and to the transgenic maize plants produced by those methods. The detection section is formed above the vibration section for detecting an angular rate of rotation applied to the vibration section, and has a lower electrode, a piezoelectric layer formed above the lower electrode, and an upper electrode formed above the piezoelectric layer.

1459826146-7480d1ac-f1e4-4798-9801-8791875c1ed9

The invention provides improved security for stored-value instruments. In an embodiment, the AT can register its priorities for multiple physical-layer systems as well as contact information by which an application server can contact the AT over each system. An integrated circuit portion includes a circuit forming, together with the crystal unit of the crystal unit section, an oscillator circuit on the main surface of the IC chip unit, and IC terminals formed with a plurality of IC electrode terminals, and two connection terminals connecting the external terminals of the crystal unit section are provided.

1459826146-d5d264aa-8dc6-416f-97d6-246989dd2d67

A quick disconnect that enables a drummer to quickly remove and apply tension to a drumhead of a drum is provided. The audio input is then converted to a machine-readable representation for later audio playback. The cleaning pad also has a second set of grooves positioned parallel to one another and perpendicular to the first set. A determination is made, responsive to the time-shifting determination being affirmative, a delayed schedule for the data transmission in response to the request such that the data transmission is completed by a deadline. Elastic modulus of the metal compound film is larger than that of the metal oxide film. The plurality of underlayers include at least one crystalline underlayer including Mo as a main component thereof, and at least one of Si and C in a range of 1 mol % to 20 mol % and an oxide in a range of 1 vol % to 50 vol %.

1459826146-f2adcc9e-4fed-4868-908a-d639794af751

The reducing treatment of the negative electrode of which the battery capacity decreases slightly and the internal resistance increases slightly, does not affect the battery performance. Also decision making tools and computer implemented programs for performing the method. The openings extend through the respective regions to the organic insulating layer.

1459826147-9f48e40f-c488-4954-bfac-1a93d61425be

Refrigeration-cycle equipment wherein an oil separator is installed as a refrigerant vessel in a part of the high-pressure-side circuit. Each processor in the multiprocessor shares resources, and each shared resource has an associated lock within a locking device that provides support for synchronization between the multiple processors in the multiprocessor and the orderly sharing of the resources. The templates each include a collection of configurations that were made by the application during installation on a computing device executing the operating system. The necessary operating force of the left and right operating members can be reduced using the rotation of the drive source via the assist mechanism. One of the buses is connectable to a power supply source, while the other is connectable to a power supply ground.

1459826147-f45702d8-a583-4c11-a054-1a07f2ecce40

The present invention provides a device to weld metallic elements. The X-ray

imaging system includes an X-ray generating apparatus to generate and emit X-rays, a detector to detect the X-rays emitted from the X-ray generating apparatus, and at least one collimator disposed between the X-ray generating apparatus and the detector to prevent dispersion of the X-rays emitted from the X-ray generating apparatus. Magnetic toy vehicles are captivated in both capsules while a third magnetic toy vehicle is movable within the center tube between the closed ends. The torque restriction are enhanced or relaxed by moving the position of a torque axis relative to the graph along the angular acceleration axis while preserving a shape of the graph. Gatelines are formed on the steps and along lower regions of the walls.

1459826147-fb932aea-e90d-401a-bc31-31869a7f5ecd

An archery bow has upper and lower rotatable draw force modules. A first electrode is electrically connected to the first semiconductor layer, and a second electrode is electrically connected to the second semiconductor layer. The module further includes a heat sink plate underlying the circuit board to radiate heat generated from the LED chip. A voltage based on total inductor output current is summed with the regulator's reference voltage; this sum and  $V_{out}$  are applied to the voltage control error amplifier, the output of which is processed to operate the regulator's switches.

1459826148-38cd820d-054e-4b92-ae8a-67d66998ce75

A method and system are provided for a trackless autonomous crawling all-position arc welding robot with wheels and permanent magnet caterpillar belts. The driving substrate has a display region and a non-display region, and at least a first alignment mark is disposed on the non-display region. The o-nitrophenoxyketone is hydrogenated to form the corresponding benzoxazine, which is thereafter acylated with an acylhalide to produce the acylamide, such as 4-dichloroacetyl-3,4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine. The input measurement module may include a first outer casing and a second outer casing coupled together around a circuit board that interfaces with a backplane of the carrier through a backplane connector.

1459826148-4d8accb1-20b9-4a0d-b9e1-ea9c1eb89b99

Based on the time series data from multiple components, the systems administrator or other managing entity may desire to find the temporal dependencies between the different time series data over time. The differential noise generation circuit includes a pair of input nodes and a pair of output nodes, and is configured to receive noise signals at the pair of input nodes and to generate differential noise signals at the pair of output nodes. The stem and sliding carriage cooperate with arcuate guide rails in the compact base for positioning the window via pivoting the head about a horizontal axis. Priorities for the activities of the as are determined by motivations. The changed position is used for deriving the position information of the target. As a result of its inventive construction, the device exhibits low loss, large tuning range, low electrical consumption and is readily manufactured using standard processes.

1459826148-7e302e5c-2dc3-4798-8a77-bb61e7291164

A system, method and system are disclosed for using a variable frequency clock generator to synchronize an average data rate over intervals of time in a variable clock domain to make it equal to a fixed data rate in a fixed clock domain while reducing electromagnetic interference, among other things. Chips are attached to one surface of a continuous flexible substrate. The system also comprises a dedicated signal conditioner coupled to the power cell and to the radio frequency module, the signal conditioner conditioning the power signal for use by the radio frequency module. Compressed air is supplied to the gas sample extraction apparatus to maintain the fluid sample level within the sample canister at the desired fluid level. The priming algorithm is operable to activate an electrically powered fuel pump when a fuel system is in an unprimed state. The preferred grain size should be

in the sub-micron region with the grain width of from about 30 to about 300 nm.

1459826149-0d3c1fd6-ebae-4656-861f-38e2729dc8ba

At the transmitter side, carrier waves are modulated according to an input signal for producing relevant signal points in a signal space diagram. The method converts the page into a semantic thumbnail, which preserves the overall appearance of the page and displays readable text segments that enable a user to identify main areas of the page. When the control pressure is greater than 50% duty cycle the locking pin disengages and the VCT moves away from the mechanical stop. Examples of pullers and pulling systems also include constant force pulling which is desirable in particular for small diameter pipe replacement.

1459826149-2e39853e-c79d-45f9-8247-9fddbf116663

A cloud computing platform contains a structured storage subsystem the provides scalable queues. The image projection apparatus includes a facing member that faces an installation surface on which a main body of the apparatus is installed; and a foot that allows the facing member to support the image forming unit. Some embodiments include communicating, via the processor at the NOC, the data to a ReNAT virtual private network with packets wrapped in a private ReNAT defined protocol that includes the public source address and the public destination address. The relatively flexible wall segments may be installed within notches in the male body or be formed integral with the relatively rigid wall segments. Thus, the problems of the prior art could have been solved. The E-fuse cell has a fuse element with a fuse link extending from a first fuse terminal across a thick dielectric structure to a second fuse terminal.

1459826149-da4a798f-b593-42fa-9d27-c8976e7beea7

A method carried out by a first communications device for transmitting data packets, wherein the first communications device comprises a plurality of network interfaces. The components are mounted to a substrate and are protectively housed in an interior chamber of an environmentally sealed enclosure housing. If the program signal is received by the reference voltage generating circuit, the reference voltage has a positive temperature coefficient. As one of the final fabrication steps, the substrate is back-etched so as to form a thin membrane in the sensing area. The invention further comprises a transmitting device and a receiving device for executing, said method. If the comparison shows equality, then the zero detect result Z is true.

1459826150-063046cc-5b5c-457d-b173-8e51b709cb2b

PEG-LHRH analog conjugates, where a PEG moiety is covalently bound to a serine residue of a LHRH analog either directly or via a bifunctional linker molecule, such as an amino acid, and methods for producing these conjugates are provided in the present invention. The implement of the low NO<sub>x</sub> control makes it possible to compensate for the deterioration of the three-way catalyst with respect to NO<sub>x</sub> purification and to keep NO<sub>x</sub> emissions from the three-way catalyst equal to or less than the regulation value. The same measurement is conveyed to an adaptivity function at the receive end for use in the communications receiver to select demodulator variables such as gain control, and equalization of amplitude and phase, versus frequency. A basic test tube is utilized and a varied number of extenders may be added according to the energy influence of bullet under test. coli 0157:H7, in meat from food animals, and in other food stuffs. More specifically, the present invention provides according to an aspect thereof, an abrasive agent comprising abrasive particles, said particles being in the form of a composite material comprising more than one metal oxide material.

1459826150-28b98e8a-8cf2-463a-88d2-805bb80951f0

Systems, methods and apparatuses of establishing an IPsec VPN tunnel are disclosed. This ceramic material comprises a ZrO<sub>2</sub> phase composed of 90 vol % or more of tetragonal ZrO<sub>2</sub>, and containing 10 to 12 mol % of CeO<sub>2</sub> as a stabilizer, and an

Al2O3 phase. When a request to write the predetermined data to the page again is received, the predetermined data is written to an empty free page in the log block. The control gate is formed with a planarized upper surface.

1459826150-85d9f80c-a79f-4ee0-8eb1-a42d56920c74

A sample load and injection device includes sample introduction capillaries attached to a microfluidic device. The combination of zippers and hook-and-loop fasteners provides a dual fastener system that protects against freeze up and clogging of exposed zippers and may include alternate connections to provide two different tubular leg sizes. Each slot has a slot header relating to the slot and a data packet.

1459826150-88645463-0250-460e-a71c-9e83aa03c54d

Polymeric composite materials, particularly highly filled polyurethane composite materials are described herein. The watermark embedder encodes a watermark signal in a host signal to create a combined signal. The collar in the preferred form has eight conical gears that mate with corresponding teeth in the top.

1459826151-2989f629-04b8-4a6f-9df5-0bf013ceae63

The present invention relates to methods and arrangements for access control in a multicast system when data is distributed from a source VS on a common link L3 to at least two users U1-U12 via a node BN21 that comprises a request arbiter ARB21. The described apparatus configures the physical and virtual resources that run on the converged infrastructure to communicate with the rest of the data center. The second brake arm includes a second brake arm mounting portion for mounting the second brake arm to the bicycle frame member and a second brake pad mounting portion. The processor compares the text information to the known text formats and determines a text format of the text information. The contiguous emitter design provides an improved electrical emitter connection for the device, minimizing any unbalance that can potentially occur when using separate emitter fingers and improving the ability for the simultaneous turn on of the multiple emitter-base elements. The position at which the battery is disposed overlaps at least one of the motors in plan view.

1459826151-cd3c9e4f-54f2-4396-9a8e-e41eb02053e1

The present invention includes block molds and manufacturing processes as well as a composite masonry block comprising a block body having an irregular trapezoidal shape and comprising a front surface and a back surface, an upper surface and a lower surface, and first and second sidewalls. One or more variants are first defined through the use of a browser-based editor application that initially examines the webpage for a snippet of code. A perimeter edge channel encloses a perimeter edge of the laminate along the sides without enclosing corners of the laminate. Pre-characterization templates are created using FFT techniques to identify only those frequencies indicative of tool breakage.

1459826151-de864973-b5ca-4577-92cb-1b66ac3a38f2

Methods and systems for taking acoustic measurements related to subterranean formations. A vulnerability is acquired from the at least two scanners and stored in a data store. The apparatus further comprises at least one Servicing Organization communicating with the Requesting Organization and defining the credentials required for access to a service via the resource server by end users associated with each of the organizations.

1459826152-64024691-5b0f-497e-901c-98547d97ece9

According to one embodiment, a local proxy caches in a local stream store one or more streams of data transmitted over the WAN to a remote proxy. In accordance with exemplary embodiments of the present invention, the disk drive comprises a disk storage medium, a first bus connection, and a second bus connection. ; and forming a film made of a second electrode material on the other surface of the silicon

carbide substrate, and forming a Schottky electrode by performing heat treatment.

1459826152-71ab07bc-aa91-4a17-9232-d295d30e94f5

An easily and inexpensively producible surface-treated metal plate which uses a continuous coating facility for a surface-treated metal plate to provide at least two coating layers. The hook is U-shaped and defines a bight area into which the branch or limb can be guided and grasped for cutting. Such a system can detect irregularities in a roll or the mating structure that can cause undesired vibration. A sensor of the first transceiver device monitors the light signal reflected by the optical reflector to determine whether a power level of the reflected light signal is greater than a given threshold. The targeted bit allocation for a picture to be encoded is advantageously varied based on an occupancy level of a buffer model, such as a video buffer verifier buffer model. The column mixing module transforms groups of four bytes of a plurality of replacement bytes including the replacement byte.

1459826152-b3a6b749-1dff-4612-8240-f9ce2f55d6a0

An apparatus, method and system are provided for carrying and dispensing an ink into a printing system. The drill points are guided through the insertion rod and the flexible strand is held over the drill points as the transverse tunnels are formed. On one side of the electronic semiconductor device is a first, thermally-conductive, electrically-insulative substrate having a predetermined electrically-conductive wire pattern affixed thereto. A plurality of attachment devices are disposed on at least one of the first and second sides or the first and second ends.

1459826152-dcc710c4-15ec-446f-a4af-860b1d5a1cd8

A rubber composition, which comprises 100 parts by weight of a rubber mixture consisting of 70-95 wt. The camera may be assigned a second light source. A satellite transmissive panel 40 is coupled to the vehicle body 30 adjacent to the antenna 18. Hybrid sorghum seed, plant or plant part produced by crossing the sorghum variety PH017QMIT or a locus conversion of PH017QMIT with another sorghum variety.

1459826152-fcf7d105-f06b-4181-97be-b999d18c1336

A recording and/or playback apparatus using a disc cartridge that accommodates a recording medium such as an optical disc includes a holder, a recording and/or playback section, and a moving mechanism. In a preferred embodiment, a rotatable shutter with three positions is placed between a light source and a DMD. The switch cores are preferably located in the same physical area but the SCALs may be distributed in different physical areas.

1459826153-370a5753-bf8b-4443-b7e2-52d6a2ab5097

A method for producing a polyurethane resin which comprises reacting: a compound having an active hydrogen-containing group, containing: a compound having one spiro ring and active hydrogen-containing groups at both ends; and an aliphatic polycarbonate polyol; a polyisocyanate; and a chain-extending agent. Two crash boxes are fixed between the respective front end of the side members and the impact cross member structure. When switching from the first mode to the second mode, start of the synchronous parallel driving from a state where the FET on the low voltage side is turned on is inhibited on the high voltage side is turned on). Residual components are evacuated. An address generation module generates an address for interleaving based on the nominal input signal. The inner telescoping member is fixedly attached to the other of the outer sleeve and the outer tubular member.

1459826153-443d0f27-8b83-4945-a519-e497fb141f76

A digital circuit which can operate normally regardless of binary potentials of an input signal is provided. A broadcasting device transmits the programs and CMS via

separate channels. The internal display can be accessed with the aid of simple network management protocols via a management information base. The attachment also includes a windshield holding assembly having a suction device for holding the windshield via vacuum pressure. Associations of natural language artifacts may be learned from natural language artifacts in unstructured data sources, and semantic and syntactic relationships may be learned in structured data sources, using grouping based on a criteria of shared features that are dynamically determined without the use of a priori classifications, by employing conditional probability constraints.

1459826153-599d2273-5c37-419c-af12-e2bf2243e45f

A semiconductor structure provided with an insulation structure in a moving unit is manufactured easily. According to at least one embodiment, a computing device monitors one or more file system operations for a file stored in the computing device. A base station can also be configured to send an HS-SCCH order indicating de-activation of scheduled pilot channels to next-generation UEs scheduled for downlink transmission, and then stop transmitting the scheduled pilot channels after receiving ACK messages from each next-generation UE. A second transistor has a third terminal coupled to the second branch, a fourth terminal coupled to a reference voltage.

1459826153-b377c977-a10a-4027-9cb6-e56f2089be87

The invention concerns improved sugar-free products, their production and use, in particular, coated products, their production and use. A valve cartridge is sealingly disposed in the bore. In particular, the invention includes light deflection elements that are tilted with respect to one another and that are individually controlled to provide for the deflection of light in an improved manner.

1459826153-ba7087b9-5b9f-46b4-9deb-2d162b7c2450

Audio data is prevented from not synchronizing with video data when splicing. Backed by this, the effect of the local flare on the pattern exposed by photolithography can be quantitatively corrected in conformity with the respective exposure conditions, so that a desired pattern can be formed readily and accurately. The invention further relates to corn seeds and plants produced by crossing plants of variety CV723111 with plants of another variety, such as another inbred line. An economic dispatch module determines an optimum operating point for each DER and an Integrated Volt-VAR Control module controls distribution assets to maintain a voltage profile in the system.

1459826154-3eb89f5f-75f8-4e9f-a978-119fa538f738

For a first gear ratio, the flyweights engage the clutch and thus connect the input to the sun wheel, whilst the ring gear is immobilised by the free wheel. In one aspect, the present disclosure teaches a chassis component forming a part of a chassis including a panel having an aperture formed therein. In particular, a data rights management clearing house is provided that generates permits, permit classes, and enables content packaging across multiple data rights management architectures. by subtraction, of the received signals, disturbing signals received at practically the same level are eliminated while the difference of useful transponder signals is available.

1459826154-421bee86-e33d-43cb-b3b4-68e671e0911b

A wireless communication system for monitoring a communication service comprises a first set of communication devices located in a first set of geographic areas configured to receive the communication service and determine first performance data. The compounds represented by the general formula exhibit catalytic activity equal to or superior to that of organotin catalysts having been employed as catalysts for the production of polythiourethane optical materials from the past, and have high safety. In the metallic layer, a master-side surface on an exposed

surface side of a conductive master body is arranged on a light incident direction side. No personal identifiers are carried on the card to identify a cardholder, the card is impersonal. The decoding circuit includes a decoder decoding an input data packet and a control block detecting a stuffing byte section in the input data packet, converting the input data packet, and decoding a converted data packet when the decoder fails in error correction of the input data packet.

1459826154-54ab5132-4c6b-403e-9494-8e758affa058

An imaging system may include imaging pixels. In another particular embodiment, the method includes receiving a mute command at a mobile communication device while the mobile communication device is performing audio content processing. The article is made in a mold including a surface defining a mold cavity and having a first and second effect region.

1459826154-5f58c27c-3c67-44f0-8f4f-98b524f1edb8

In producing complementary sets of metal-oxide-semiconductor field effect transistors, including nFET and pFET), carrier mobility is enhanced or otherwise regulated through the reacting the material of the gate electrode with a metal to produce a stressed alloy within a transistor gate. The longitudinal element is eliminated in favor of front and back lateral tracks in which the opposing ends of the expansion arms are slideably received so as to allow expansion of the bounded areas in both a lateral and anterior-posterior direction by sliding within the channels. To determine if the requested data block is already in the buffer cache, aspects of the invention compare a fingerprint that identifies the requested data block against one or more fingerprints identifying a corresponding one or more sharable data blocks in the buffer cache. The operating gas for the stripping device is preheated in a partial area of the cooling zone of the heating furnace.

1459826155-0a5d9589-b06a-4e06-a8ea-914463a1bb22

An abrasive tool includes a superabrasive grain component, a filler component that comprises hollow bodies and a vitreous bond. The method involves automatically learning phrase features for classifying questions into different types, automatically generating candidate query transformations from a training set of questionanswer pairs, and automatically evaluating the candidate transforms on information retrieval systems. The transaction detail can be captured from many sources and can include third party data.

1459826155-154d852c-6888-4441-8f93-b7e2ceeb9d6d

The present invention relates to a container comprising opposing top and bottom walls and four side walls each having an upper and lower ends, the opposing top and bottom walls and the four side walls bridging the opposing top and bottom walls. Addition of surface active agents, such as C6 to C22 carboxylic acids, to a two phase liquid-liquid polymer solution downstream of a reactor system and upstream of a heat exchanger system can increase the efficiency of heat exchange by more than 10 %. A unique asymmetric source-drain field-effect transistor structure is formed by changing ion implantation tilt angles to control the locations of doped regions formed by two ion implantation processes. The method includes assembling the radiopharmaceutical pig so that the chamber of the radiopharmaceutical pig contains the syringe in the sharps container housing.

1459826155-c7709392-2d2c-4c54-b378-f1e1f85c98c7

Method and apparatus for processing transmitted data. Each step has a vertical riser portion, a horizontal tread portion, and a nosing on the forward or player-facing edges of the tread portions which protrudes over the riser portions. The input audio signals are mixed into a mixed audio signal. The physical communication link may be damaged for any number of reasons such as a loose connector, rodent chewing on the physical communication link, etc. A user identifies search attributes and the rule data structure is searched to locate entries in the rule data structure that match the identified search attributes.



1459826155-ebe9b149-7885-475c-86fe-29150725bd90

An article of clothing comprises a garment for covering at least partially the bust of the user wearing the garment. The delivery system includes a stented prosthetic valve having a balloon-expandable stent portion with a prosthetic valve disposed therein and at least one self-expanding stent portion. The fluorescence image may be directly measured, e. The damping assembly includes a biasing member extending between the cylinder housing and the head. User selection of a particular policy element via the interactive GUI causes a subset of the security policies to be identified, each security event in the subset based at least in part on a particular security policy represented by the particular policy element. The deposition source includes a furnace, a first heating unit surrounding the furnace to heat the furnace and a second heating unit spaced-apart from the first heating unit by an interval and surrounding the furnace to heat the furnace, wherein the second heating unit comprises a plurality of separate sub-heating units that surround the furnace.

1459826155-fd1dfbbe-b4b8-42ef-81ef-7cfb2e4a92b8

A support for a body of a stringed instrument includes a brace structure having a plurality of legs radially disposed about a central body. A signal path of the connecting member has predetermined impedance which is determined depending on a distance between the second wiring pad and the ground layer. Face coatings may also be applied to one or more of the faces extending in relatively narrow strips around the aperture of the base sheet.

1459826156-32473b9c-c66e-4bb6-a175-3f9e93c43d8f

An implant is disclosed for use in stabilization of one or more bones, for example, adjacent vertebrae. A first part of the active region covered with a first conversion element for converting the emission falling in the primary wavelength range to an emission falling in a second wavelength range. The indication module receives power from an indication power source separate from the telecommunication signal. The coil elements are disposed on a recess formed on the lower core layer. With its low background fluorescence, the cuvette cartridge is useful for high-throughput fluorescence measurements of biological samples. The annular body is made of a first metal with a specific density and the pins are made of a second metal having a lower density than that of the first metal.

1459826156-57d362db-bc16-4a6d-950c-6bd87454adb0

Systems and methods of computer aided engineering analysis using hybrid approach of finite element method and adaptive smoothed particle hydrodynamics are described. A fuel cutoff event is immediately implemented, along with electrical energy regeneration using vehicle kinetic energy. An endpoint data structure is used to store, for each on net endpoint of the call, a key and at least one of an Internet Protocol address of the end point, a phone number associated with the endpoint, and/or a display name associated with the endpoint.

1459826156-60146422-f0c9-4e08-a134-583b79f5721a

A vehicular battery mounting structure includes a floor panel, a battery frame arranged below the floor panel, and a bracket provided on both left and right sides of a vehicle, interposed between the floor panel and the battery frame. One constituent of the concentrate is copper sulphide, which is leached using an alkali chloride-copper chloride solution. The array of photosensors is arranged to view the examination region. The required road information can be acquired from digital maps or images.

1459826156-c68056c5-4843-462c-ab33-0d9e570020b0

Disclosed are pharmaceutical compositions, particularly oral dosage forms, which comprise two or more enteric coating materials, either as a coating or as part of a matrix dosage form, and methods of making and using the same. The clamp circuit

comprises a bidirectional switch having two FETs, and a gate feedback circuit is connected to a gate portion of the FET at a panel side. The length of tube that forms the pump may be connected to shunt inlet and outlet parts, and may also include a valve that is adjustable to prevent back draining of fluid. A cooling fan is located adjacent the inlet to augment cooling-air flow. An apparatus for making a nonwoven fabric comprises means for continuously extruding substantially endless polymer filaments of 0. The first row and the inner return row are parallel.

1459826157-01d57a08-2841-4226-a6bc-04c48d666498

An electron source has an electron emitter with an electron emission cathode, a high voltage unit provided for power supply of the electron emission cathode, and a low voltage unit provided to control the high voltage unit. The mechanical adapter includes shafts rotatably guided by different bearings and couplings for driving said different shafts. The media system further includes an interface program for receiving at least two desired media descriptions from the user, a goal seeking engine for selecting a number of suitable media clips from the media clips based upon the at least two desired media descriptions, and a media player for playing the suitable media clips. The method includes forming at least one hole in the substrate while the core is disposed within the respective interior space. The outer peripheral surfaces of the end-corresponding regions are finished so that a processing flaw depth becomes 10  $\mu\text{m}$  or less.

1459826157-720b7fc1-e6de-42d1-92fc-3324d60355a7

Method of manufacturing a semiconductor chip. Then, one electrode out of positive and negative electrodes is applied with such an amount of electrolyte as being exposed on a surface of the one electrode. Advantages can include fast lock-up time in moderately to severely noisy conditions, greater tolerance to noise and jitter when locked, and improved tolerance to clock asymmetries.

1459826157-9f8d9477-1eb0-42c6-b6d0-55516f4793cf

There is provided a method, system, and computer program product for extracting information related to a monitored device communicatively coupled to a network using an HTTP communication protocol. The system generally includes a media streaming system that is used with a video player in connection with the playback of at least one audiovideo work. As the bias potential is ramped across the electrodes the increase in tunneling current occurs as the carrier energy sequentially matches the conduction band energies of the translocating biopolymer. A thermal gradient can be applied to the electrically conducting material and a voltage applied to the substrate. In other such embodiments, the mind-control toy includes a track along which players can compete or cooperate. A control unit controls the table and the folding units.

1459826157-ba7647ac-5dff-4962-b988-d3384d7ad34c

A riveting tool including a magnet, a magnetically attractive housing, a non-magnetically attractive bucking bar received in the housing, the bucking bar being moveable relative to the housing along a bucking bar axis, and an actuation mechanism to move the bucking bar along the bucking bar axis. The plasma damage detection test structure includes a first antenna, a voltage source, a ground reference, a first transistor comprising a first source, a first gate, and a first drain. A power control strategy may use one power supply for the master DSP, a second power supply shared between the slave DSPs, and a third power supply shared between each of the SSPC channels.

1459826158-6a350587-437c-44ff-ae5a-5fdc23762cd7

A motor generator has a rotor directly coupled to a crankshaft and a stator disposed around the rotor. The housing includes a first hole and a second hole. Alternatively, a material possessing at least two distinct dielectric constants is interposed between the RFID tag and the substrate, such that there is a high dielectric constant at the interface with the substrate, and a low dielectric

constant at the interface with the RFID tag. The first processor may reset itself after providing the reset signal. In another embodiment, a water-reactive material may be used to provide gas to the bladder wherein the amount of gas generated by the water-reactive material may depend on the hydrostatic pressure of the bore hole fluid. The bypass sleeve is installed in the control valve bore and includes an axial bore, and a first and a second port.

1459826158-bb4787cd-85a6-4096-a164-ba327d4e747d

A semiconductor integrated circuit device includes a plurality of internal memories, a main processor, which constitutes a first processing unit having a codec function, and a video interface and graphics processor, which constitute a second processing unit for video display processing. In preferred embodiments, an active PDGF-D polypeptide, or a polynucleotide encoding an active PDGF-D is administered to the mammal, preferably at a location where angiogenesis modulation or stabilization is desired. The home node has no centralized directory for tracking states of the memory block in the plurality of nodes. Memory-access addresses are extracted from the serial packets by the AMB. This partition also permits a portion of the fluid to pass through the aperture to ensure that the sample under investigation does not reach the window.

1459826159-604667e6-ff6f-4e59-9be1-c20e3b1ae3a2

A channel-cut monochromator has at least two kinds of reflecting surface pairs processed on a common single crystal block. In a channel region of the nMISFET, a tensile stress is generated in the direction of movement of electrons due to the first-type internal stress film, so that the mobility of electrons is increased. The adapter assembly includes two probe plates, which hold a probe field. The sub-pixels are formed by the three light-emitting elements that form a pixel to thereby enable the display device to perform display. A surface of the first semiconductor layer connected with the lower electrode is a patterned surface including a number of grooves.

1459826159-6698d830-747a-4aa7-851b-65cddb6d496d

A self-cleaning system for delivering sanitized water to a workstation has a boiler which produces heat-sanitized water and steam. At least two sidewalls, including a first sidewall and a second sidewall, the first sidewall connected to the first edge of the floor, the second sidewall connected to the second edge of the floor. The IP-based node executes circuit selection at least based on a first message, received from one of the IP-based gateway devices via an IP connection and specifying circuit availability for at least a portion of the corresponding set of connected trunk groups.

1459826160-7cd066e3-6318-4e32-b1ad-4c3a09e616b0

A digital signal processor generates in-phase, quadrature-phase and amplitude signals from a baseband signal. In this formula, R1, R2 and R3 are different radicals, X is a bridge atom selected from the group consisting of oxygen and sulfur and Het is a saturated heterocyclic group which comprises oxygen and carbon atoms. The invention further relates to methods for generating a quarterwave foil for use in a liquid crystal display as defined above. A specified time after the animal leaves the box, the turret sweeps the rake through the litter, picks up the collected waste, and carries it to a waste bin, where the waste is dumped.

1459826161-0d595bfa-1496-430f-90c4-195dfe64e820

A method of fabricating an integrated circuit on a silicon carbide substrate is disclosed that eliminates wire bonding that can otherwise cause undesired inductance. the 3-pass serpentine circuits include a first channel positioned along the pressure side wall to provide near wall cooling, a third channel positioned along the suction side wall to provide near wall cooling, and a second or middle channel located between the two near wall channels in the cooler section of the airfoil. A detection component determines chroma values contained in the regions.

1459826161-a8bcbab2-b9f4-4679-abc7-79d46dc7579e

Heat-transfer fluids and lubricating fluids comprising deaggregated diamond nanoparticles are described herein. A plug-in intermeshing connection between the driving disc and the clutch basket is provided such that there is no torsional backlash and such that no rattling noises are produced. Following generation of the output video line, a further X lines are read from the framestore into the linestores to provide a further set of M lines in the linestores. The coating can be deposited on copper, tin-plated copper, tin alloy-plated copper or other metallic substrates, using any of several physical vapor deposition methods. This is applied to a word-document index to produce fast build and query times for document retrieval.

1459826161-b46fd124-6935-4b91-ab41-d09eef9db263

A kind of tetrahydro isoquinoline derivatives, their preparation methods, medicine compositions and medicinal uses thereof, especially their uses as  $\mu$ -opioid receptor excitant in pain relieving, which belongs to the medicine chemistry. A preferred embodiment computes a time slot or frame offset based on modulo function using a field unit identifier in order to distribute field unit maintenance transmissions among available slots or offsets. The diaphragm includes a portion for supporting a voice coil, and a sound emitting portion formed continuously to one end thereof.

1459826162-32e45929-8852-4f97-9734-de6659ad5ffd

A flame simulating device for a vehicle is disclosed. An image that depicts a device in contact with a user is obtained. 83, an Abbe's number of 45 to 55 and a glass transition temperature of 630\xb0 C. The inspection can be achieved as an in-line stage during the processing of wafers or in situ in combination with another processing tool or as a separate off-line analysis device.

1459826162-394b38ab-6e41-4513-b514-d99ccea1eb46

Methods and systems for selecting a language for text segmentation are disclosed. The apparatus and method reduce acoustic fatigue damage to aerospace vehicles that may be caused by the reflection of exhaust energy from landing and/or launch platforms. The light detector generate signals based on the intensity of reflected light detected and the signals are utilized to calculate the distance from the device to the object. The protective film includes a metal oxide film, and the metal oxide film has a film density of higher than or equal to 3.

1459826162-706d59ad-bdfd-4688-afb5-110eb54a019a

Methods for image segmentation are provided herein. The first insulating film is formed not to fill spaces between the plurality of first electrodes. A minimum area of the second discharge electrodes required for addressing protrudes towards the discharge cells. Each level contains information from different levels of slivers of the circular space. The different plates must be precisely aligned. The data series might be reversibly applied to one of the dimensions, allowing for complex geometries to be created with data represented in very flexibly ways.

1459826163-002d8d86-8b62-4c4b-a2d0-fb511bde711c

A method decodes a soft-input cost function for an error-correcting code. The example system includes a power amplifier, a switching component, and a duplexer. Another set or sets of cells include additional interferer cells within another offset range of the serving cell. The instant invention enables the personnel basket to be connected to the outer end of the jib boom at all times without the necessity of removing the personnel basket from the jib boom when the jib boom and the boom structure are in their stowed positions. In one embodiment, the invention relates to a method for mapping digital information indicative of input to a video game controller in a first form to information in a second form, the second form conforming to a protocol for inputs to a video game console executing a music based

multi-player video game. In one embodiment, the apparatus includes: a monitor configured to switch between a display mode and a reflecting mode and a camera located in front of the monitor, the camera positioned to face the monitor and synchronized with the monitor to capture a local image reflected therefrom during the reflecting mode.

1459826163-25ba840f-424b-472e-8b66-5b718f1a8dd1

An exchange blade knife includes a replaceable blade, a blade holder and a blade lock. The anchor is mechanically interlocked with at least one of the conductor and the insulator. User information is collected from one or more data repositories.

1459826163-3fa13173-7c66-4ebf-8335-889d70114857

The shifting of the parting line between split molds due to mold clamping force is prevented. One device includes a through-silicon via and a trench capacitor formed around the TSV. The method of the preferred embodiment can also include creating a signed authentication token in response to a successful user challenge, and transmitting the signed authentication token from the authentication server to the embeddable interface. This embodiment will simplify the process of using layer fonts to set type with multiple-color characters.

1459826164-5533d622-9883-49c1-ba63-4e0f3d117c51

A data storage system and a method of storing data are described including a cache with a variable number of levels. The microparticles also contain magnetic particles that can be heated by application of an external magnetic field and thus heated to a predetermined Curie temperature. There are light sources, such as LED's contained with the light source holes of the jack plate. In one embodiment, the image-recording device includes a high-speed digital camera, the wavelength-encoded light source includes a group of infrared light-emitting diodes and a pair of wavelength-encoded flashes located in two different meridians of the camera, and the control system includes a computer system.

1459826164-b105624c-891d-4fd2-905d-7e771e054715

A system management human-machine interface application for use in a process control system is described herein that enables users to view/monitor information regarding system status and performance and to initiate changes to the operation of system equipment, checkpoint control stations and execute diagnostics. The USB controller may have a host interface module configured to generate hardware logic signals for communication to a backend module having buffer memory. The intermediate portion has an average cross-sectional area less than one or both of the end portions. The memory requests may include a plurality of write requests and a plurality of read requests. A phase locked loop on a second die is coupled to receive the reference clock signal, the PLL to generate a local clock signal.

1459826164-ce0ebc54-97f2-4bbb-b933-e41efd447006

A data caching approach is provided for a distributed computing environment employing coherent data caching. The scanning device defines a form factor that conforms to that of a conventional laser-based point-of-sale scanning device using a housing having a plurality of mirrors, oriented generally at 45-degree angles with respect to the window's plane so as to fold the optical path, thereby allowing for an extended depth of field. Further, the display device has a second substrate opposed to the first substrate and having a resin black matrix. A unique shift buffer mechanism cooperates with the rear derailleur system to buffer and store up to the full range of available shift commands. In this manner, a plurality of meibomian gland secretion grades is obtained. After the entire measurement is repeated at least once, then from the first and second measurement values, the concentration change of the substance in the culture medium and the acidification or alkalinization of the culture medium is determined.

1459826165-0d4d875a-b4d9-4cec-8fe1-899c17d20b6c

In an image reading apparatus using a contact image sensor, an area light source for reading an image from a film original is provided. The handle of the driver includes the electromechanical driver and at least one processor element which controls the actions of the electromechanical driver, and therefore the application elements of the surgical attachment, based on information relayed between the processor element and remotely activatable sensor assemblies in the surgical instrument attachment. A method for producing a human sebum mimetic comprises mixing refined macadamia oil and refined jojoba oil, interesterifying the macadamia oil and the jojoba oil, adding a phytosterol, adding phytosteryl macadamiate, and adding phytosqualene after interesterification. To authenticate the user, the system compares the relative positions and sequence of the keys entered by the user against those stored in a database. Thus, abrupt changes in vehicle behavior are not caused by sudden starting of control, and it is possible to inhibit drive feeling from deteriorating. The electronic device includes: an acceleration sensor that detects acceleration in a gravity direction in a state where the swimmer stands erect; and a first communication unit that transmits acceleration data indicating the acceleration detected by the acceleration sensor to the analysis apparatus.

1459826165-3fa4e44c-1f26-40e4-bab9-209f6c3e972d

A portable linear fastener driving tool is provided that drive staples, nails, or other linearly driven fasteners. The storage node may include a memory resistor and a switching structure. The group of mating bumps is positioned such that if the alignment bump engages each of the mating bumps, the die is appropriately positioned relative to the substrate at that location where the alignment bump engages the group of mating bumps.

1459826165-4365dfd3-56e3-4ed0-98a4-fccd8217861f

\u2018Kakegawa S65\u2019 is a new variety of Calibrachoa plant. The optimized relationship matrix may be used to layout and render a graphical image that positions various elements with respect to the starting entity based on the relationships. Operational conditions of the ice-making machine, such as, for example, water quality, are used to establish service intervals and/or types of service, and the service intervals and/or types of service are indicated to the user with a lead-time to allow for timely obtaining the service. The actuator connects with at least one of the seat back and the seat base. A resulting substrate deposition pattern thus exhibits a density greater than a deposition mask aperture density while avoiding deposition pattern distortion. To read the device, sufficient gate voltage is applied to invert the channel and a sufficient drain voltage is applied to pull down the drain-side barrier.

1459826166-348a2e63-c5e0-4958-beb2-ce4785170551

The invention relates to consumer product packages having impact promotional items printed directly on the package and methods for manufacturing such product packages. The GPS device includes a GPS receiver or sensor operable for receiving GPS satellite signals from a plurality of GPS satellites and a transmitter coupled with the GPS receiver for wirelessly transmitting information corresponding to the GPS satellite signals. With this configuration, continuous and accurate perforation of inflation apertures is possible and automatic tube cutting can be achieved based on the printed tube cutting positions. The drive signal having voltage levels including a high level and a low level. The inner cross section of the second portion is smaller than the outer cross section of the assigned end of the supporting tube.

1459826166-bc52428a-5ddb-4e99-bf64-c2a68e432d6f

A disk drive is disclosed for connecting to a host, the host comprising loopback circuitry operable to loop a pattern received from the disk drive back to the disk drive. The process according to the invention consists of three steps: the fibers spun from the two plastic materials are drawn off uncurled and stretched in a first

step. One of the first or second shock profiles is selected based on which shock profile has the lesser amount of measured physical displacement. The DC\U2014DC converter including at least one power silicon die disposed on the top surface of the substrate. The invention also relates to an apparatus producing such signatures and commands by gesture recognition.

1459826166-c9a13b8c-a03b-4116-8cc3-a19002a158ea

Embodiments of the present disclosure relate to a radio frequency power amplifier module having a saturation corrected integration loop, which includes saturation detection and correction circuitry, an integrator, PA circuitry, and detector circuitry. The common waveguide is located between a first plural light deflection elements and a second plural light deflection elements, each including prisms made by electro-optic material. Methods of using these compounds for modulation of PTPN12 expression and for treatment of diseases associated with expression of PTPN12 are provided. Participants in future conversation may be selected based on their skill in answering questions and their entertainment value, with different future conversations using different weightings of skill scores and entertainment scores in determining who may participate in the conversation.

1459826167-077d1a77-bed5-46fe-832b-0ca99005315a

A method for detecting predetermined fault conditions associated with the supply of AC electrical power to a consumer, the supply having an active conductor and a neutral conductor with the neutral conductor being connected to earth. A satellite navigation system antenna and a tilt sensor are mounted on a range pole, with the sensor at the pole's bottom tip. The cavity of the can case is fitted with the supporting base portion of the stem with elastic deformation of the can case. The optical system further includes a first light redirecting film that is disposed proximate the first opening between the spatial light modulator and the light source. The moving member prevents ambient light, dust and dirt from entering the housing and impacting the sensor output signal.

1459826167-c517ae84-6564-440b-bcf0-b9db2a446c4d

Blue organic EL elements, which have a shorter lifetime and lower luminance characteristics than green and red ones, have had a problem: particularly when blue elements are used in a light-emitting device capable of modulating light emission colors, light significantly attenuates and characteristics further deteriorates. When the squeegee blade becomes dull or damaged, the spent blade is pulled from the handle, and a new blade can be positioned and magnetically pulled into the blade cradle ready for use. The first members and gaps form a primary heat exchange area. The cupped portion has an inner space for receiving the roll and a slot for feeding out a length of wrap from the roll.

1459826167-f973452a-cd8f-4229-b3a3-8ba1f96fbb7a

A multipurpose planting base includes a holding cover having an open window divided by a holding crosspiece, and a tray for supporting the opening side of the holding cover and for receiving a culture soil with which the holding cover is filled. A system can generate a set of index patterns based on a set of library patterns in a pattern library. Preferred embodiments fix the problem with default or limited random variable assignments or flagging the overflow and adjusting the frame encoding such as by limiting spectral components or changing quantization targets. The positioning mechanism holds the container therein while maintaining the given planar surface in position relative to the image forming apparatus when the deformable bag collapses as it discharges developer. In one embodiment, the signal integrity monitor includes: a signal interface configured to receive a signal from a parallel data bus for transmission over a plurality of signal paths and a victim signal identifier configured to dynamically determine a potential victim signal path of the plurality of signal paths.

1459826168-448c375d-b8be-4395-b6f8-9c3b4bf8735a

A conventional storage system immediately executes a received IO command because of importance of response time. An image analysis unit may calculate distances between representations of electrodes in an electronic image and identify groups based on the calculated distances. The third rotating element is coupled to a drive wheel. For being able to restrict adjustability to a forming device and to a sealing device, the bags are conveyed such that their open side opposite the one closed side and the corresponding seam keep a position that is independent of the format of the objects to be packaged at all stages of procedure, and the bags are secured in the region of this open side.

1459826168-94db1690-f5c7-4e16-aff7-903e832a5d37

The invention is a chain comprising a plurality of cage-shaped elements connected in succession, the cage-shaped element comprising a central body from which two or more lateral bodies branch off whose free ends are arranged opposite each other, slidably inserted in another cage-shaped element adjacent to the cage-shaped element and facing the corresponding central body. The homogeneous alumoxane-LCT-epoxy polymers comprise alumoxane-containing sub-structures evenly dispersed and essentially completely co-reacted with the LCT-epoxy sub-structures. The invention further relates to hybrid cotton seeds and plants produced by crossing the cultivar 02Z55 with another cotton cultivar. The phone calls correspond to directory entries, such as those that the user wishes to add to the phone devices. In response to a request to send electronic mail to one of said aliases, the entry of the key to decrypt the encrypted data is required to thereby provide the address of the addressee having said alias. According to the invention, the movement generating device is arranged outside the inner space of the airbag package.

1459826169-020b9b1b-cb06-42d4-aeb7-0782775b105a

A new and distinct Fern plant named NEVADA characterized by having dark leaves, long leaves, fast growth speed and compact plant shape. For a set of storage elements formed over a common well structure, all word-lines are initially charged with the same high voltage erase signal that charges the well to insure there is no net voltage difference between the well and word-lines. According to the invention, a mobile communications device has a non-directional antenna, a directional antenna, a transmitterreceiver section, a switch for switching states of connection between the non-directional and directional antennas and the transmitterreceiver section, and a control circuit for controlling the switch.

1459826169-022c5982-7da2-418c-ae51-dbec2c922f2f

A framing device, used for displaying items such as photographs, certificates and the like, includes a translucent sheet-like material having an outward side and an inward side, both having a common continuous edge. Downstream data to be communicated from a cable service provider head end system to a customer device may be received by a provider edge routing device. The mask has plural openings that expose selected portions of the plural conductor pads. At least one epidermis stop may be provided resulting in the formation of detritus troughs interposed between adjacent penetrator and epidermis stops. More particularly but not exclusively, it relates to compositions containing thaumatin having particular organoleptic properties, and to processes for their manufacture.

1459826169-1cd1ca1b-b90b-4df1-aed3-73873d5f9636

A heart assist device connection system comprises an inflow connector in fluid-tight communication with an inflow section of a heart assist device. The memory controller writes data held in a unit area which holds large amounts of write data, to the flash memories, in preference to data held in a unit area which holds small amounts of write data. On the control shank is displaceably mounted an actuating lever which can be pivoted up and down between a closed position and an open position in order thus to control the water flow. The damper includes a body defining a bore and a piston slidably received in the bore. If there exists a matching speculative load operation, the system replays the matching speculative



load operation so that the matching speculative load operation takes place after an event that caused the invalidation signal completes. A dome assembly is coupled to the first end of the combustor liner that extends downstream from the dome assembly.

1459826169-510fe7d2-923c-4016-ac18-50ca378acc4e

The liquid crystal display module comprises a bottom cover having a plurality of lamps installed thereon and at least one or more of guide projection formed thereon; and a reflection sheet for reflecting light generated from the lamps and having a guide hole in order to be inserted in the guide projection. Flow through the recirculation paths is controlled via respective valves and valve opening is adjusted based on a throttle mass flow so as to maintain a compressor flow rate at or above a surge constrained flow rate. A SPLIT operation splits rows at one partition across a plurality of other partitions. A light diverting member is disposed adjacent to the light source and receives light from the light source. In addition, forming the copper layer may comprise forming the copper layer to include at least one of calcium, cadmium, zinc, neodymium, tellurium, and ytterbium as a dopant.

1459826169-8b26816f-f851-4140-845f-6119b124816e

An optical disk drive includes an optical disk drive controller that can test the write channels between the controller and the laser diode driver. The second memory module comprises a base body made from plastic, by which the latter is fixed to the second guide rail. Data is duplicated by using a control logic to control the multiplexers allowing data to be copied from a source page buffer to one or more target page buffers via a second address bus and a second data bus. The capacitor is disposed in the depression formed near the outer peripheral portion of the imaging element, and stores electrical charges. Some voxel properties used to classify an object are location, brightness and volume.

1459826170-095acb14-24e8-408c-9baa-9521c9fb79e3

An image forming processor includes a generating unit and a correcting unit. The first and second portions are formed both in a cell area and in an edge area surrounding the cell area, wherein an on-state or forward current through the drift layer flows through the first portions in the cell area. A customized feed is generated which is designed to fulfill the nutritional requirements for the animal's diet.

1459826170-62e5614d-db5b-4aa1-b712-ad3c77f58ee4

An image reading device in which a processing time required for prescanning and fine-scanning of a film can be shortened. Depending on the interface between the valve or injector and the rocker arm, the rocker ratio of the rocker arm may be altered, giving a change in lift as well. The firearm includes a foldable butt stock assembly for quickly and easily converting the firearm from an extended operating configuration to a compact transport configuration, and vice-versa.

1459826170-a67d42cf-c28e-4602-9358-3c5da2d4fb19

A location space in an engine compartment is made smaller. Each of a plurality of transistors is formed at a position where the gate metal layer traverses the polysilicon layer, and a plurality of transistor groups are arranged in a zigzag pattern. The pair of electrode structures are arranged to generate a first electric field which is used to change aligning directions of the liquid crystal molecules to make the liquid crystal layer have a lens effect. The boot also includes a circular flange extending radially outwardly from the lower edge of the boot with threaded apertures around the flange.

1459826170-c3ce1e19-82f7-48c8-a275-c8f559c62c73

An access ladder for an access hole in a building includes a plurality of sections which telescope relative to each other between an extended position, where the

sections define a plane and a user can climb the sections, and a retracted position where the sections are folded on each other. The apparatus has a pivot frame located on a transportable base frame. The link mechanism 1 comprises a crank member 2 having a crank shaft 3 and an eccentric shaft portion 4, a pivoting link 5, a connecting rod 7, and a restraining link 8.

1459826170-d5cd289a-c116-420f-9bb5-0e77ba38fdb6

A method for interpolating an encoded signal of encoders is disclosed. processes for the preparation of these compounds. % or less, based on a total weight of the heterocycle. The selective replication region identification process can include identifying regions associated with temporary files. A threshold calculation unit calculates a threshold value used to determine presence or absence of the residual echo in the echo-canceled signal.

1459826171-4b6ad214-c00f-46f6-ae4d-27c28fa50304

Parts are provided which combine structural reinforcement of hollow profiles and light weight means of attachment. High aspect ratio clay nanoparticles are positioned in the substrate in overlapping layers with layers of the substrate interposed. An information flow request is received from a first element to authorize an information flow from the first element to a second element. The plurality of search keys are expanded such that each of the plurality of search keys has two lowest level search keys associated therewith that cover a lowest level of the tree structure.

1459826171-72c7d268-4208-4299-9980-6018c8ba9aff

Boron nitride coated fibers, and composite articles comprising such fibers, are described herein. A factor  $\Delta \mu$  is defined which is equal to whereby the solid-to-solid contact of the asperities is reduced by selecting such design parameters and operating conditions of the bearing that  $\Delta \mu$  is in the range from 8. If signal processing cannot be performed by a digital signal processing section on a camera main body side, a through image is displayed based on a through image signal supplied from the through image signal processing section on the camera head side. Whether a specific region in the third frame is inside or outside of the true ROI is judged based on values of pixels of regions that have been judged to be inside the region of interest in the second frame.

1459826171-ac623278-1721-48cf-b3d2-1e1587d7d9e6

Wood-type golf club heads include: a club head body member defining an interior chamber; a weight system engaged with a rear perimeter portion of the club head body member; and a connection system connecting the weight system with the club head body. Different value combinations for a plurality of weighting factors may be established for a plurality of selection regions. The slide block is disposed between the inner ends of the slide bars, and is movable between locking and unlocking positions that respectively prevents and permits inward movement of the slide bars. at a layer thickness of less than 100 nm. In addition, the method also takes care of QoS requirements for different services and hence every service is addressed to satisfy its QoS requirements.

1459826171-ec6284bc-be37-48aa-bafd-0b9f6c19b9f5

Disclosed herein is a sample supply device that alternates between the supply of samples from one sample line while cleaning a second sample line and then supplying a second sample from the second sample line while cleaning the first sample line. The AT applies power to its transmit chain with a low duty cycle while in the AH state, conserving battery power. The mixture has a has second temperature sufficient to achieve a change in the mixture selected from the group consisting of microbial change, chemical change, biochemical change, and enzymatic change, and combinations thereof.

1459826172-26110f77-40f3-4a36-bfa3-0f2afa43847d

The present invention provides methods and systems for implementing an improved electronic mail Internet appliance. The results disclosed herein indicate that several types of photonic crystal devices can be designed in which free carriers are used to vary dispersion curves, stop gaps in materials with photonic bandgaps to vary the bandgaps, reflection, transmission, absorption, gain, or phase. The light fiber comprises an elongate polymeric core having an input end for receiving light from a light source, an output end for emitting light transmitted through the core, and a lateral surface extending along a longitudinal axis of the core between the input end and the output end. This GRC algorithm can be performed for each possible bundle failure in the network, where a bundle failure is determined by the set of all links which may fail together due to common shared risk, such as a common conduit or DWDM fiber. The guide housing has a flexible elongated body, an internal elongated passage and friction reducing material lining the passage. In some embodiments, current consumption during reading of conductive states may be reduced by using a capacitor coupled across the cell.

1459826172-a1971a19-7512-42f4-97a3-f811489080cb

An injection molding apparatus is provided. More specifically, this invention comprises a valve plug incorporating a choke transfer trim that reduces the time of exposure of the plug head and/or seat to high velocity and high pressure drop at the interface of the plug head and seat when the valve is in the closed position. The RAM-based addressing structure is faster than the CAM based-addressing structure, and in cases of a hit on the first attempt, cache performance is based on RAM cycle time rather than CAM cycle time. A rotational lock is provided to prevent the tool attachment from inadvertently backing off or coming loose. Further, a semiconductor device includes a memory cell array formed by arranging a plurality of memory cells and a reset level switch circuit for selecting a first potential or a second potential and supplying the first potential or the second potential to the word line drive circuit.

1459826172-b031c638-faf7-40ef-8e95-cda38d3a61f5

A bar clamp connection connects an elongated bar member, such as the handle of a dumbbell to a bar clamp. A test port master and a test port slave are connected to an external testing apparatus. In this way, at least one depression results which leads to a reduced volume of the respiration bag.

1459826173-887391e7-f67d-4ea4-a564-40b46aa5fe8e

The present invention relates to compounds and methods for treating retroviral infections and/or Hepatitis B viral infections. The module communicates with a communication network that comprises various nodes configured by a network controller module and a network communication module. Mounted to the base are multiple reticle-support blocks providing three respective, equally spaced, reticle-contact surfaces that support a reticle in the peripheral \u201chandling zone\u201d of the reticle. The seat body further includes a plurality of projecting pivoting pieces, each being formed on a side wall of a respective slot seat. The termination region includes termination n pillars and termination p pillars alternately arranged around the edge p pillar. An optimal connection between rod and pedicle screw is thereby obtained.

1459826173-db7224b3-46be-43b6-b076-6f917421433d

A method of producing digital data, which comprises the steps of making first arrangements for 12-bit word digital data constituting a digital video signal, which include a frame rate of 24 Hz, 25 Hz, 30 Hz, 50 Hz or 60 Hz, 1125 lines per frame, 1080 active lines per frame, a sampling frequency of 74. A first of the anchor fixtures is mountable proximate the peripheral edge of the vessel with the tube oriented to extend in a generally horizontal direction. A first spool and a second spool are contained in at least in part in the cartridge and have a ribbon extending therebetween. A support channel extends at least partially into the rear support member, and is configured to removably receive and capture the rear edge of

the shelf panel to inhibit removal of the shelf panel from the frame in the direction of the horizontal plane. The first device is operable to determine an offset in the position of the microfabricated cantilever, and the second device is operable to reposition the microfabricated cantilever based on an offset detected by the first device. A terminal region of the second conductivity type is disposed in the voltage sustaining layer proximate the highly doped active zone.

1459826174-1d05a93e-f22e-4ba8-b05d-2fbc9d475d24

A one-piece frame is provided for a corecoil assembly of a transformer. The insulating material defines one of a plurality of individual exposed portions along the length of the helix having a plurality of different configurations, e. The high resistance region is formed deeper than the well regions of the p-channel and n-channel MOS transistors, thus preventing induction of an eddy current by the magnetic flux generated from the inductor element. In one aspect of the invention, the rings are provided with inflection points on some portions of the rings which extend in a generally circumferential direction for a short distance.

1459826174-21372dd2-c703-4443-b2af-1ebfba9a6e0a

To reduce the number of simultaneously driven printing elements so that the instantaneously flowing current is restricted in a printing system for completing an image by repeating the printing scan a plurality of times in the same printing area while applying random mask thereto. The plurality of light sources are turned on with a first level of brightness during a white turn-on period, and turned on with a second level of brightness during a gray turn-on period. An information message is then received from the neighboring network, wherein the information message comprises an information element associated with whether the neighboring network is capable of communicating with the heterogeneous network handover module of the mobile terminal.

1459826174-6e2e7557-b871-4a9b-983a-6b75b0531775

A non-destructive method for chemical imaging with  $\sim 1$  nm to  $10 \mu\text{m}$  spatial resolution without sample preparation and in a non-contact manner. The stamp marker includes a liquid-permeating member and a container containing an application liquid, the liquid-permeating member including a distal member, a base, and a fixing member. A fold formed in the spirally wound flexible member allows for increased distance between the two side edges and an increased maximum extended length.

1459826174-8b28b768-bd57-4d9f-b1f5-46a77220ec55

A synthetic board is made from a plastic film ply 4, 6 adhered or welded to a parallel array of thin-walled plastic tubes 2. First and second apertures are defined through the first and second panels in alignment, and a fastener extends through the first and second apertures. One assembly includes a solution reservoir, a solution receptacle feeder and a computer to control the delivery of solution to a solution receptacle. Included in the request is a check signed with data identifying the first resource.

1459826175-0b8effe7-57a4-4287-9651-99852f5b7e7f

A method and a structure for stabilizing a formation of natural substrate having a substantially vertical face. The system starts by receiving an encrypted list of checksums from a server, wherein each checksum in the list is associated with a corresponding block of the content. When the movement is an inter-network movement, the gateway receives the binding acknowledgement message from a home agent and establishes a bidirectional tunnel with the home agent. The detection of protocol events by the protocol sensors is non-invasive in that it does not require recoding or recompilation of software components or redesign or modification of hardware components.

1459826175-b6730f2f-deea-4d79-8237-cf0b4d83e6e7

An indirect light fixture is described wherein the fixture is comprised of a reflector housing and a ballast housing connected together by a support arm. A control unit controls so that a predetermined command is output multiple times to a storage device and each piece of data sent by the storage device in response to the multiple predetermined commands is received in accordance with the timing signal having a different delay amount for each of the multiple predetermined commands. Ultrasonic vibration is applied to the first cable conductor portion and the first connector terminal and the first cable conductor portion and the first connector terminal are pressed, and thereby to be welded to each other. The LCD 60 receives a byte number of a word for every word from the word division circuit 21, and highlights it for every byte number. Objects A and B in each local memory are disclosed which each include primitive fields. A second tamper-evident structure may be disposed between the zipper construction and the package interior.

1459826175-dabfa067-2dfd-402a-87e8-e99122ed72a9

A tandem time-of-flight mass spectrometer is described. More particularly, embodiments described herein relate to virtualizing interconnective paths between two or more electronic devices residing in an electronic network. Then, a nitric acid concentration in the solution is adjusted and a valence of Pu in the solution is adjusted to tetravalence. In the final approximate 60 degrees of the turn, the coil is sloped down to the next turn. Hard or soft decisions corresponding to the search results may then be passed to a decoder. 5% or less in a stress range of from 2.

1459826176-2e3b6c13-4372-486c-98a0-271a6d2d3fcc

A programming system for a robot or similar apparatus comprises a portable programming terminal having a display device, a plurality of jog keys for controlling the robot movements and a plurality of teaching keys. A second variable delay circuit delays the input signal, introduces a second delay into a second edge, and generates a second delay signal. In addition to the measurements of the final time ranges, the intermediate samples are available for purposes of digital signal processing.

1459826176-3e3a6c10-f7ba-47be-8f8d-d47f9abc0ecf

A control system for multiple sterilization chambers for the sterilization of medical and other instruments interact with a common vacuum pump, steam generator and ozone generator via a common controller. The plate member hole can have a spherically shaped sidewall. As a result of this arrangement, the sensor can undergo a back-and-forth sweeping motion coupled with motion along the spar radius.

1459826176-4805bf48-9fea-4ddb-b40f-4ab1cfe86c33

A method reduces noise resulting from a current surge in a circuit. The braking power of the braking system is substantially independent from the elasticity of the tires. The discrimination medium 100 has an adhesion strength XA between the adhesive layer 102 and the partial peeling layer 103, an adhesion strength XB between the partial peeling layer 103 and the cholesteric liquid crystal layer 104, and an adhesion strength XC between the cholesteric liquid crystal layer 104 and the substrate layer 105.

1459826176-ce73157a-cfda-4b24-9342-cef6070a971c

A shock-absorbing apparatus disposed between a binding and a board has a bottom plate for coupling to the board, a top plate or binding platform to receive the binding, and bearing-biasing assemblies coupled between the bottom plate and the top plate. A thickness and a composition of the metal silicide layer are controlled by an amount of the impurities in the metal layer. The method also includes vacuum attaching the slider body to a reference flat surface. A thread-safe or unique search query is generated in response to the fields.

1459826176-d761131c-1d6a-4abf-95fc-63b608ecd1cf

An apparatus may include a connection component configured to connect the apparatus to any one of a plurality of different apparatuses. Embodiments may send display information to a user in response to a user request for display information for one or more items offered on a network-based site. The glycoprotein matrix can be formed by permitting the growth of glycoprotein producing bacteria in the presence of the active ingredient. A beam steering element is embedded in the second dielectric layer and electromagnetically coupled to the radiating element. , wherein the paper product contains from about 5 lb starch to about 500 lb starch per ton of substrate. The polymer of the present invention is a blend of high crystalline polypropylene homopolymer and a high ethylene ethylenepropylene random copolymer.

1459826177-295d9b4f-a32c-4583-a704-b0d9fccfe7af

An MPEG video decoding method and an MPEG video decoder are provided. The design of this instrument reduces traction upon sensitive neural elements, allows controlled removal of the medial portion of the vertebral pedicle, distracts the intervertebral disc space, and allows safe passage of reaming, tapping, and spinal implant insertion devices through the expanded bore of the spinal implant insertion instrument. At least portions of one of the conductive structures have oppositely facing, exposed outer surfaces. If there is a device driver for a device belonging to the sub-area managed by the management server which has responded, one of the devices belonging to the other sub-area is selected as a default device. The inactive memory cell programming pattern identifies all, or a selected plurality, of the memory cells in the inactive column in which a charge is to be stored for the purpose of periodically storing a charge in the memory cells first inactive column to prevent over erasure, during bulk erase, and leakage from the inactive cells to adjacent active cells.

1459826177-8809f034-0d89-453f-ad08-819dc3ae854f

A design structure for an impedance matcher that automatically matches impedance between a driver and a receiver. In order to maintain a high data rate impervious to sudden phase changes, a communication system uses an efficient constellation having multiple rings with different sizes and modulationdemodulation schemes utilizing this constellation. The invention provides a photoresist stripper characterized in containing a tertiary amine compound, an alkaline compound, a fluoro compound, and an anionic surfactant; and a process for preparation of semiconductor devices using the stripper of the invention. The switching signal generator for the -modulation type switching power supply has an improved direct-current transmission linearity characteristic relative to direct-current input, and that is stably controllable and of high efficiency. In the header reduction technique, the audio encoder selectively modifies the quantization step size of zeroed quantization bands so as to encode in fewer frame header bits. An NC data service provider company transmits a home page relating to the data service via a communication line, through a dialog with an NC data service user company via the home page, provides data service relating to the NC data requested by the user company and receives payment of the consideration for the service.

1459826177-cfadcdfe-d35f-4d09-b56e-132a414f1f60

This invention relates to a method of making optical fiber having low polarization dependence. The formulation includes a carrier base of fractionated coconut oil, and an effective amount of at least one essential oil with insect repellent capabilities. The base station may attempt to hand over the mobile device to the wrong base station based on its outdated neighbor list. Furthermore, blocking mechanisms are provided which allow the halves to be blocked in the folded state. A pixel-value-generating section newly generates pixel values for processing from the pixel values extracted by the pixel-value-extracting section corresponding to the motion direction and generates pixel values corresponding to the target pixel based on the pixel values for processing and the specific motion-blur-removing-processing coefficients.

1459826178-0534348d-5e58-419f-9d1e-f7146390f367

The present invention provides a surgical device including an elongate body defining a fluid flow path therethrough. The travel assembly is provided with a cooling circuit for cooling lube oil. The APIs makes the management agent portable across multiple operating systems. An outlet fluidly communicates with the last of the flow zones. The conductive coating provides an external ground plane for the printed circuit board.

1459826178-56fab4a5-b263-430b-8a25-26f6c3daecf3

A semiconductor memory device having a self refresh mode may enter the self refresh mode in response to a self refresh set command and may be released from the self-refresh mode in response to a self refresh release command. The images are generated using acquired 19F magnetic resonance image signal data associated with the perfluorinated gas and oxygen mixture. The receiver may receive a data stream from the selected transmitting stations.

1459826178-6534e66a-6179-4f53-b20e-66e23b3e85d4

Disclosed is a method for testing a memory device, which can test a memory cell block while testing another memory cell block, so as to catch a process defect of the memory device within a short time period, thereby reducing the test time. Crossbar and/or barrel shifter circuitry may replace one or more rows, one or more columns, one or more rectangles, or any combination thereof of programmable logic regions on a programmable logic resource. At least one of the registered users in the directory is associated with an iconic image that is automatically enlarged when the user selected.

1459826178-c27417f2-bb2e-41d6-8154-9eb65fbff054

Methods for ischemic conditioning treatments of a chronic medical condition are provided. The catalyst comprises rhenium metal on a solid-acid support such as mordenite, which has been treated with a sulfur-based agent. The method further includes the steps of subjecting the hollow fiber membrane to a flow of flue gas, removing one or more gas species from the flue gas with the hollow fiber membrane, and regenerating the sorbent contained in the hollow fiber membrane.

1459826178-cf37fdce-ed37-429b-8385-a7c9d578d3dc

A needle safety apparatus comprises a hollow needle having a sharpened distal end and a proximal end. The spacer includes two rings seated on the substrate and spaced apart from each other at a longitudinal axial distance, a tube section supported on the rings and a second ring disposed on the tube section. A hopper is mounted in the housing and above the bottom plate for receiving food particles. Other embodiments include the use of predictive models to predict thermally-induced effects on the fields and thermographic imaging to determine temperature variations across a substrate.

1459826178-cf3c64a9-ed09-4dd9-a53f-40e2cba15bc1

A method and apparatus for reducing intermodulation distortion is disclosed. The electric connecting terminal is connected to a flat circuit body by inverting the tip of the piercing portion penetrating through a coating and a conductor in the flat circuit body toward the plane portion side to pierce the conductor again and superposing the tip of the piercing portion on the tip of the piercing portion to be energized in the direction of the plane portion. A further inventive aspect comprises a multiplexer apparatus and process whereby dynamic bit rate adjustment is applied to eliminate the need to recalculate timebase information for altered streams. The hardware is uniquely configured to allow the L shaped leaves to be attached in two different orientations providing for a work surface that is adjustable in size. To further reduce frictional contact with the snow, the bottom surface of the runner is preferably dimpled.

1459826179-4563ab99-1f86-4fec-be0a-83b215e10d4e

A preferred method for identifying at least one of a grammatical, linguistic and/or conceptual integrity of a data corpus is disclosed. The circuit protection system includes a transistor connected in a channel of a power panel, the transistor connected between return connections of a load and a return path, and the power panel including a plurality of channels connected to the load. Since the substrate is supported by abutment of the projections with an end of the substrate, the occurrence of cracking in the substrate can be prevented or the durability of the supporting member main body can be increased.

1459826179-a144d6cc-ddd7-41c3-ab4c-3d4baa322511

The present invention is directed to a method for reducing monomer loss during curing of a high internal phase emulsion. The single synchronous data packet stream is then transmitted by a high speed statistical multiplexer over a composite link to a second site using a modified high-level synchronous data link control protocol with an overlay of an advanced priority statistical multiplexing algorithm. A floor is located above the bottom platform, forming a space therebetween. The processing function is configured to operate on raw data to produce process data, according to instructions determined by a solution algorithm of the distributed computing system.

1459826179-de7e65e5-e3c0-4f07-8295-b0f742146297

Disclosed is an LED bulb having many advantages over previous bulbs. Herein are described methods and assays to predict and evaluate the cellular effects of nanomaterial exposure. Once a sufficient number and variety of average actual cache memory performance values are measured, a predicted average cache memory performance value is calculated for the proposed cache memory size. Further, the one end of the electromagnet coil is common with respect to each of the electromagnets, and the common node R is controlled by an intermediate-voltage maintaining circuit so as to maintain an intermediate voltage.

1459826179-e0b7b1a7-01c9-4449-8762-96e8e5f62712

The invention provides a mobile phone that effectively meets user needs to a high degree. At least one signal processing evaluates a sensor signal of a sensor in a first operating mode for generating an activation signal for a functional unit. 0.02% or more of solute N in the steel and has a chemical composition which is appropriately adjusted and satisfies a relationship of the following expression :  $0.02267150$ . A matching of individual measured particles is made against individual known particles by means of selected known parameters thereof. The invention also relates to selecting an appropriate oxidation rate from a family of reference oxidation rate data and estimating the oxidation of the coated turbine blade or vane.

1459826180-2e548c1f-6e15-4dc1-a913-946b3b6a3418

A method for producing a nanostructured austenitic sheet by consecutive martensite and austenite phase transformations, in which the coarse grained austenite sheet transforms to nanocrystalline martensite by strain-induced transformation, and then generates reverse transformation to nanostructured austenite by warm rolling due to dynamic recrystallization. The system provides immediate processing of the data input streams from various strike sources, the key stroke depth data, the key strike speed data, the key strike acceleration data. The peripheral edges of the upper lid constituent member and the lower lid constituent member are, respectively, provided with a peripheral wall standing upright along an outer peripheral surface of the side constituent member, and the side constituent member is inserted into a space surrounded by the peripheral wall.

1459826180-a8ceb8e0-6e92-4fc4-9b82-2daf7f7a895e

The invention relates to squeeze pressing of a laid-up veneer assembly having glue applied as glue stripes. The method is applicable to large systems such as trucks,



ships, cranes and locomotives utilizing diesel engines, gas turbine engines, other types of internal combustion engines, fuel cells or combinations of these that require substantial power and low emissions utilizing multiple power plant combinations. The method further determines context data of the plurality of notifications based, at least in part, on their association with at least one remote device.

1459826180-bc8fd5fa-8ce1-4ec5-ae27-9601d2ae3809

A route setup server has a storage unit, an IP routing unit and a flow management unit. These large DNA targeting vectors for eukaryotic cells, termed LTVECs, are derived from fragments of cloned genomic DNA larger than those typically used by other approaches intended to perform homologous targeting in eukaryotic cells. A method of fabricating such a semiconductor device is also provided.

1459826180-d2f5f292-f520-40d9-b47d-8ebd97232862

Previously configured state machines may accept an input string, and for each of the regular expression, check for a match between the input string accepted and the given regular expression using the configured nodes of the state machine corresponding to the given regular expression. An authentication verifying chip in which authentication verifying information is stored is mounted non-removably on a certificate. The vehicle is also equipped with compressed air to power the staplers. Exception handling and hardware initialization can be controlled by a system processor.

1459826180-eac5538b-aa90-43e0-b30b-7fffd6908d88d

A magnetic scrubber assembly and its design method for cleaning the wall-glass of an aquarium are provided. Each bit has opposite side surfaces forming boundaries of surfaces defining projections extending in different directions from the fastening bits, at least one of the opposite side surfaces being non-planar, and each projection has an overhanging head. To achieve reduced losses the design incorporates the use of high electrical resistivity, low thermal conductivity materials for construction of the filament posts and the filaments. The polar coordinate system position of the respective group is then converted to a position in the display window coordinates. After use, the bag can be removed and disposed of, and a new sampling container is inserted for the next extraction. The arrangement of the trays is asymmetrical in such a way that a plurality of trays can be placed in closer proximity to a person or object, but do not upset the overall balance of the tray.

1459826181-5fbdb2e8-138b-45d2-9eae-d5a647f5b742

An electrical charging system having a rectifier which is supplied with energy via an input. The network can also include a defined set of differentiated service classes, each differentiated service class associated with the set of per hop behaviors, indicated in the set of priority bits. The score engine compares the correct key sequence with a recorded key sequence of the performance data set to determine if the assigned task is successfully accomplished. If the measured charging voltage is above the cell pack voltage and the set voltage value, the BMU considers the charging current detection to be a positive failure indication. For example, plural authentication levels are set for the fingerprint authentication in accordance with the importance level of each of the plural functions provided to the portable communication equipment.

1459826181-abfe9826-c1be-410d-9981-b5f564099c9d

A skin antiseptics composition comprising a comprising an alcohol and water in a ratio of at least 60:40, a hydroxycarboxylic acid, a cationic film-forming polymer, and at least one antimicrobial agent; and methods of using the composition are provided. An acceleration sensor is mounted on the sub-circuit board for detecting a walk of a user and outputting a walk signal corresponding to the walk. Also provided is a flexicircuit that electrically interconnects the actuated probes to

external circuitry and mechanically couples them to the instrument actuator. After baseband filtering, the signals are digitized then processed in a digital block BNM which includes a channel decoding module. The method includes: establishing a short-range communication link with a counterpart electronic device using a first short-range communication network; generating an emergency signal when the short-range communication link with the counterpart electronic device is cut off; and broadcasting the emergency signal using a second short-range communication network.

1459826181-c787b8b5-70bd-4bea-bd49-ed509bee7862

A method of decompressing a set of subsampled image data is disclosed. The display units display information from communication channels and images taken in by the camera. The two straight slots maintain attachment to, but allow the clip to slide vertically on, the webbing that runs over the left shoulder of the child. With the multilayer structure, the object of the invention can be accomplished. The conveyor guidance system can have the guide assemblies combined in a wide variety of configurations that best suits a particular application.

1459826181-edd01f53-a6bb-40d0-985d-7e2a1bcb679a

The present invention controls supply of power to a storage device on the basis of an access status, moves a logical storage device between physical storage devices having different power supply modes, reduces energization time, and improves the reliability. Initially, data is stored in a first portion of the main memory of the system. By this technique, static electricity generated at the time when the protective film is peeled off is uniformly distributed on the surface of the polarizing plate, thereby not generating non-uniform electrification of the static electricity. The magnetic forced active surface changes to a magnetic force inactive surface as the feeding roll rotates. A system may also provide an output signal that has less third harmonic distortion than the amplifier output signal. The second pocket may reduce a local substrate concentration without changing the conductivity type of the channel region.

1459826182-8dd7198f-20c1-49ee-8c31-fe4e8813d21c

There are provided a multilayer ceramic electronic component and a manufacturing method thereof, such that a high capacitance multilayer ceramic electronic component having excellent reliability through the suppression of crack generation due to a step portion and an increase in an overlapped area may be provided. A setting part is provided for setting a remote vehicle either in a valid state or in an invalid state, such that only a remote vehicle position transmitted from a remote vehicle set in the valid state is displayed on a display together with an own vehicle position. Mounted on the horizontal extension arm is an articulated arm provided at the end with a manipulator gripper. In a fully implantable hearing aid, an audio input device including the interface system is provided for use when sound from a wireless or wireline source is desired. Moreover, a vibration level switch for measuring the level in containers for carrying out the inventive method is provided.

1459826182-a95f3714-00bf-4cb7-a5e9-a240def109d0

The present invention relates to a device and a method for detaching a fibrous casing from the surface of a cured processed meat product, preferably a sausage, especially when the outer surface of the fibrous casing has been provided with a substantially inextensible net with a view to form protuberances on the surface of the processed meat mixture. The base and deck are provided with posts each projecting in a direction towards the other and able to be coupled to each other in order to form hollow columns. The domain name is configured to include click-through information as a subdomain, and wherein a URL associated with the domain name provides content. The cover extends over the upper and outboard surface of the running board body to provide the desired appearance characteristics. As a result, the beam hitting the specimen is prevented from defocusing if a voltage is applied to the specimen. A boss extends from the body and provides a first feature.

1459826182-caa83996-8cf0-4237-a741-a6c237f6ceb3

To oscillate and output multiphased triangular waves with a designed waveform shape, wave crest value, and phase relationship. A high concentration region is disposed on one section of the oxide semiconductor layer, whereby said region has a maximum In concentration 30 at %; or higher than other regions on the oxide semiconductor layer. Therefore, the voltage command calculated based on the torque command exhibits a waveform absent of variation. The angular position of the valve determines the amount of hydraulic fluid flowing through the valve.

1459826183-33467351-5b96-42f5-b35d-c6e0bf4edb8f

In various embodiments, the invention provides a discrete clock generator and/or a timing and frequency reference using an LC-oscillator topology, having a frequency controller to control and provide a stable resonant frequency, which may then be provided to other, second circuitry such as a processor or controller. One embodiment for a weight assembly, for example, comprises a mass element having a first end, a second end and a sidewall extending between the first end and the second end. An antenna that arches away from the body of a phone, but connects at both ends to the body of the phone has improved performance over an internal antenna, and yet retains the advantages of an internal antenna. The threaded ring will be fastened in place with a stop screw so as to facilitate the later replacement of another punch assembly in a pre-set position without further adjustment of distance. Each of N objects is then assigned an Object Request Value, the N objects determined by taking the N objects utilizing the most bandwidth.

1459826183-4a42e9ec-42aa-44d9-8431-87e557d1f1cc

A new technique for recording a series of images of a high-speed event is presented. A device may be employed to both playback audible content and provide monitored performance information to a user. For diagnostic purposes, utilizing a reference database, a query sample tissue based on the gene expression data of the tissue. During use the memory circuit allows to the control circuit to interrogate it to verify that the ink in the refill unit is suitable for the printer. A combined positron emission tomography and CT scanner is also provided.

1459826183-73fe5d1b-d5fc-4990-b324-f4cd80fb7212

Apparatus and method for producing and metering dry ice pellets and particles selectively from the same apparatus without modification, by appropriate reversal of a production wheel and accompanying selection of dry ice in the form of block or of pellets for a supply to the production wheel. A compact, flat-bed scanner having a light-tight enclosure, one or more detector bars of linear charge-coupled device or complementary metal oxide semiconductor imaging chips, and high working numerical aperture optics scans closely over a sample in one direction and then the opposite direction. The intensifying apparatus includes a cylindrical chamber having an inlet end and an outlet end. The method also includes utilizing a configuration tool to cause the tire pressure monitoring sensor to generate a signal including an identifier.

1459826184-001d6247-4848-4c57-b9b9-2ebf3ed5ef61

Systems and techniques relating to writing servo information on a machine-readable medium. A bobbin that includes a coil holding part for an induction coil and a vessel mounting part with a second coupling member is formed as a single piece. A connecting portion pivotally connects the two plates to each other so that they can be folded to overlap each other.

1459826184-14a99037-eb3a-48b3-8044-ef79c0d78d7c

A vacuum packaged electromechanical micromirror array comprises a 1st packaging substrate, a 2nd packaging substrate, a device substrate with a 1st surface and a 2nd surface, control circuitry on said 1st surface, and micromirrors on said 2nd surface. These peptides can impart photoreactivity to a protein by binding to a

non-heme iron. When a travel condition advisory message is received and the vehicle is in the affected area, an audible signal is delivered within the transportation vehicle.

1459826184-962b2c7e-86c5-4a3f-9372-a4e0d9036ed8

A computer system including wireless terminals which transmit information, a business application server which performs a predetermined operation based on information received from the wireless terminals, and a base transceiver station which relays communications between the wireless terminals and the business application server, are provided. The device comprises a balance, a clamping device for keeping the standard and the porous sample in contact containing wetting liquid inside their pores), an automatic manipulator for moving the sample frames, several drying stations for drying a number of samples simultaneously, automatic flow-meter valves for the drying gas, electric and pneumatic drives for the manipulator and the valves. The fast release of the antimicrobial agents is effectuated by encapsulation or coating of the oral cavity delivery agent. The generated feedback signal may be inserted at one or more insertion points in a receiver.

1459826184-d77c3287-f0e3-4aa0-b17a-3e6d0e46611f

An automatic verification system for automatically verifying a winner of an on-line game is disclosed. and here identify those impurities and provide processes for the removal of such impurities. Systems for implanting pulmonary devices are also provided.

1459826184-eec45e99-d3ae-45b3-920f-6e6e046e58a9

A tool for manipulating and mobilizing the patella and patellar tendon following injury to the knee or surgery thereon to reduce pain, reduce the formation of scar tissue about the patella and eliminate stiffness and loss of range of motion of the knee, is formed by an elongated, rigid bar having a first end, a second end and an elongated portion extending between the ends. In this way, the wear on the shrouds is reduced simply and automatically. The exhaust gas is supplied by an exhaust gas supply line and can be returned by an exhaust return line. The user interface is updatable from the first state to a second state in which a second view of the page of content different from the first view is displayed. The invention relates to the wheat plant 33391, the progeny thereof and to methods for the detection of wheat plant 33391 and its progeny and compositions thereof. The measurements of the input signal and the local oscillator signal are then utilized to enhance the heterodyne signal to noise ratio by removing the intensity noise contributed by the input signal and the local oscillator signal.

1459826185-35605a0c-7a1e-40b7-a275-16d7ba331c03

Database performance assessment typically entails logging and capturing utilities which tend to gather large quantities of unwieldy data leading to a cumbersome and indefinite analysis. A deinterlacer selectively interpolates the selectively filtered pictures into selectively deinterlaced pictures, based on deinterlace motion data. Then the serial of data bits can be transformed into a serial data stream for transmission. The system also provides for display to the user, using the one or more computing devices, information about the one or more messages including the content item previously posted on the social networking site to the user, where the information is provided for display before the request to post the message is received. In addition, the system includes a variety of features enhancing the performance of the apheresis system, including the interrelationship between the blood processing vessel and the blood processing vessel and the utilization of high packing factors for the procedure. When 60i moving image data is generated from 24p moving image data, the phase of the top frame within a pull down cycle is recorded.

1459826185-3a30ba01-6c28-4d01-ab00-83c32cfbbd9e

Fabric conditioning compositions comprising a fabric care active and a hueing dye,

wherein the hueing dye exhibits a hueing efficiency of at least about 20 according to the Hueing Efficiency Test method; and a Wash Removal Value from about 50% to about 98%, are useful in mitigating the discoloration of white and other light colored fabrics. An electrocoating process that includes such a process or based system and methods of using the system are also disclosed. The NATr cookie comprises a set of network-wide activity tracking parameters for each registered user.

1459826185-d2eb74e1-824c-46f2-916e-1b532af71418

According to one embodiment, a communication apparatus comprises a close proximity wireless transfer device, a closeness detection module and a device control module. An isolation material layer is formed abutting the first activated area. In yet another embodiment, intrinsic locations are used to select a storage location for newly written data based on an address of the data. The memory controller comprises a compression map cache.

1459826185-fc5d5d0d-0c2f-44dc-bd09-e349fc35fa48

According to some embodiments, an enhanced heat exchanger may be provided. During the further treatment of the powder over the course of the process preceding the sintering operation, a dopant that contains at least 100 ppm of an iron oxide compound is added to the powder. The first operational data set can comprise information representative of one or more characteristics of an agricultural crop during production.

1459826186-18298369-7af3-468c-9ddf-9adb2c307c1a

The present invention provides for the operation of a downhole flow control device using a snorkel tube. The system also includes a control unit that can acquire an image from in front of the controlled vehicle. The electrodes are connected to amplifiers in adjacent amplifying wells. The digital circuits analyze the signal and use the necessary information to form a series of phased driving signals. The plurality of ceramic layers form a bulge and a cavity having such a shape that an opening area of the cavity gradually becomes smaller toward a bottom of the cavity.

1459826186-dd3da348-fcb9-470d-8967-ad84a691befa

A solar collector system is for support in a building opening to furnish heated air to the interior of the building. A consistent hash key for the backup data is generated based at least in part on the set of metadata. The portion of the print data that has been stored is concurrently read from the storage device, and sent to the print engine, thereby allowing the print job to be printed as the print job is being stored onto the storage device. The flow rate ratios for the silicon oxynitride layer are: silane-to-dinitrogen monoxide between 1:2 and 25:4 and silane-to-nitrogen between 1:100 and 1:10. A strap on which the IC chip is mounted is connected and fastened to the substrate in the position and orientation in which the IC chip is housed in the recess.

1459826186-f7c039f3-496e-4ffb-929b-2ece13e49ded

A magnetoresistive sensor having bias stabilization tabs includes a protective cap layer. An automated dispatch fueling system comprises a fuel management server populated with airport profile and dispatcher configurations. The second opposed electrode unit includes a third electrode and a fourth electrode spaced away from and facing the third electrode, and provides a second capacitance. A support bracket connecting the tube to a seat back frame includes a pair of aligned passages having the tube passing there through and the tube includes a plurality of notches for engagement with a height adjustment structure.

1459826187-13e2a2a6-aba3-4591-860d-45363f9faa21

The invention relates to a formulation comprising a polypeptide selected from at least one of insulin, an insulin metabolite, an insulin analog, and an insulin derivative; at least one surfactant; optionally at least one preservative; and

optionally at least one of an isotonicizing agent, a buffer or an excipient, wherein the formulation is free from or low in zinc. For one embodiment, the portable unit comprises a casing, an antenna and logic employed within the casing. The mold frame receives the display unit and the back-light assembly. An adjacent cell list and sub-femtocell priority selection setting information are set as system information of the broker femtocell, the adjacent cell list including a PSC of a macro cell, and a sub PSC of an adjacent femtocell, the sub-femtocell priority selection setting information being the information for preferentially selecting the sub-femtocell base station. The jumbo source symbols can be of constant size and are suitably aligned along size boundaries that make processing efficient.

1459826187-2d3a35d6-aaec-4c51-b9b1-f765a4155b72

The portable basketball system allows a basketball goal to be positioned in a desired location and readily moved to another location. The toner is conveyed by the first conveying unit to pass through the connecting unit, and conveyed by the second conveying unit. The NMOS channels stop implant mask is modified not to be a reverse of the N well mask in order to block the channels stop implant from an N contact region used for DNW biasing. A polymer-continuous liquid phase may be formed at a selected location in the wellbore, usually near perforations, before the polymer phase is pressured into a formation to form a hydraulic fracture. Each of the possible characters is provided with a probability value, continuously redefined according to the specific keyboard area activated by the keystroke. And a pair of switch terminals mounted in the locating grooves and soldered to the printed circuit board.

1459826187-5ef00859-00c1-4836-bdb1-0a98be61ed59

An internal impedance of an electrical storage device is measured by using a signal of a frequency which ions in the electrical storage device are difficult to follow, and an internal temperature of the electrical storage device is calculated from a measured value of the internal impedance. The device restrictively engages each of a subject's hands so that neither is free to insert a false specimen into a container. In the slave ECU, a signal separation circuit individually receives a CAN communication signal and a serial communication signal transmitted to the CAN bus, while an input/output control circuit to which the serial communication signal is input as the power supply control signal outputs a signal to the power supply circuit to control power-on/off of the microcomputer. The first stage gain circuit has a first input port, which is coupled to the primary coil. The battery recess connector is fixed in a battery recess of the notebook computer.

1459826187-cfcedb1a-a7cf-4196-8c99-3617c82b6690

Compositions, articles and methods for making such articles are disclosed. The basic rack has a U-shaped construction and is fitted with at least a front or rear rack wall connected releasably to the basic rack, as seen by a user who is loading the dish rack with items which are to be washed. Varying the flow rate of the thermal management fluid may include varying the overall supply rate of the thermal management fluid within the fuel cell system and/or providing an alternative flow path for the thermal management fluid such that a portion of the thermal management fluid supplied by the fuel cell system does not come into contact with the fuel cell stack.

1459826187-fde616a4-aae4-48fc-9aa0-0424cb8c4b40

Methods and apparatus are provided for plasma-assisted processing multiple work pieces in a manufacturing line. A proposal for utilizing an interface to transmit core status among multiple cores in a multi-die microprocessor is discussed. The lower stud has a flattened head and protrudes at an angle downwardly, and is attached to the elastic band by means of a leather wrap having holes in each end to place over the lower stud. The first power management routine has computer code that saves state information of the computer system in the memory and that places the system controller into an idle state. The message attachment link provides

access to the message attachment independent of an electronic message that included the message attachment.

1459826188-3fce423a-be9c-4faa-91c9-1d41b72a2a20

The present invention is directed to a method and system for collecting contemporaneous information relating to a critical event. A hybrid drum includes a multilayer drum head with a built-in FSR sensor such that the FSR drum head replaces the drum head of the acoustic drum and can be used to perform acoustically and or electronically. The active device sequentially drives the at least two light emitting elements in the certain section per a certain period of time in response to the power source signals transmitted through the power source control part, and the at least two light emitting elements are sequentially emitted. The business objects communicate with a database to obtain the data needed for the business logic and include all the business logic needed for the system.

1459826188-7371f55b-ca7d-4b00-b11b-96900ec2f5d3

A sensor device for measuring frequency and amplitude of a varying force signal is provided. The method uses a detection composition that includes: a buffered solution comprising NADH; naphthalene dioxygenase, naphthalene 1,2-dihydroxy-1,2-dihydronaphthalene dehydrogenase, and 1,2-dihydroxynaphthalene dioxygenase. The block wall has an inner surface, an outer surface, and a breakable section.

1459826188-96d73796-9e30-4138-9294-dec833bb9102

A method and apparatus for sharing data between processors within first and second discrete clusters of processors. So, according to the present invention of a macular region visual defect index calculation apparatus, a ratio of visual defect region to macular region can be calculated as an index, and the degree of visual defect against macular region can be numerically grasped. The quadrature low noise amplifier may be implemented as a differential class AB cascade arrangement of MOST or FET semiconductors. Thus, the method of the present invention provides a less costly, simplified way to prepare internal mailings.

1459826188-b13da40c-c068-421d-b28d-debb2f3b8dc5

A method for authentication in a computer system includes registering a biometric template in the computer system, thereafter, verifying the authenticity of the registered biometric template and then comparing the biometric template with a biometric image of a user if the biometric template is authentic. The instructions accept a command enabling an IC floor-plan including a first module and a second module. Each game processor plays a game initiated by the player, where the game is one of a plurality of games available on the gaming machine and selectable by the player. There is a further implementation associated with each displayed indicator enabling a user to select the indicator to collapse the hidden category represented by said indicator and thereby enable the display of the collapsed category within said window. The method comprises: transmitting a first signal generated using a first cell identifier from the plurality of nodes; and transmitting a second signal generated using a second cell ID from at least one of the plurality of nodes, wherein the first cell ID is identical with a cell ID used by the BS, and the second cell ID is different from the first cell ID. The optical disc is configured to obtain a reliable reproduction signal, and the grooves and lands are formed on a lead-in area, a user data area and a lead-out area of the optical disc.

1459826188-e9ee1711-396c-4856-92b2-00be0f62c324

A hammer assembly for a grand piano comprising: a hammer, a hammer shank, a tubular lever interface, and a moveable knuckle. Relevant information for a user may be automatically determined based on a determined context of the user and/or on a request for that information from the user. The magnetic field source provides a magnetic holding field having a field strength of greater than 2 kiloGauss. The method and apparatus improves analysis of both high-resolution images of biometrics of friction ridge containing skin that include resolved pores and lower resolution

images of biometrics without resolved pores.

1459826189-1da1d3c5-5b34-4a67-9aae-598e0a183b5b

A direct sequence CDMA receiver is disclosed that includes an interpolative delay profile production unit. The vial includes a cylinder having an inner surface defining a cavity, and a material molded around the cylinder. The tracking means is substantially contained between the sidewalls of the conveyor and laterally inward of the outer and inner ends of the rollers. The multipath signal may be placed in or towards the null, while the direct path signal may be placed on one of the halves of the main beam adjacent the null, such that the signal strength of the multipath signal is attenuated as compared to the signal strength of the direct path signal.

1459826189-3f0d154a-e7c1-4a92-9861-a9b76aff28b6

Several embodiments are described that increase processing gain. The invention further relates to a wax particle obtained by the method and to the use of such wax particles in water-based protection systems. In addition, because the cooling performance of the water-cooling type cooler is improved without extending the cooling pin, an increase in the weight of the water-cooling type cooler can be reduced and a fabrication cost of the water-cooling type cooler can be reduced. Thus, new users are admitted or blocked based on the penalty incurred.

1459826189-6c504cdb-04b2-45b7-ab06-90bee23cd52d

In a method of manufacturing a substrate having a transparent conductive film in which sputtering is carried out on a transparent insulating substrate using an indium oxidetin oxide target under an atmosphere of a mixed gas containing argon and oxygen, when the ratio of oxygen to argon in the mixed gas is in a suitable range of 0. Wherein an intermediate layer having the heat ray shielding performance is obtained by being cured by irradiation of ultraviolet ray, after a dispersion of composite tungsten oxide particles is dissolved into an ultraviolet ray curing resin precursor and thereafter is filled in a gap between the opposed two plate glasses. Additional embodiments include pulse stretchers, memory devices, substrates, computer systems and methods incorporating the skewed logic devices of the present invention. Also, a favorable reflection characteristic can be obtained in a wide band because of the Wilkinson distribution circuit. Each first partition and each second partition create globalized lists which can then be combined to generate respective first and second compiled lists. The drawing pattern is constructed in such a manner that when the drawing pattern is displayed on the 3D display device, the drawing pattern exhibits a pseudo color which is identical to a color which would be exhibited when the 2D image data is displayed by a 2D display device.

1459826190-69beca4f-b95a-40d3-a783-dff61a948e92

The present invention provides an image recording material support which contains a paper, wherein the paper contains at least a pulp; and the content ratio of long fiber pulp having a fiber length of 0. The LCD includes a first plate, a second plate opposite to the first plate and a liquid crystal layer between the first plate and the second plate. The functional layer includes a material radiating an infrared light. In accordance with one aspect of the invention, the system includes a plurality of downhole components, such as sections of pipe in a drill string, drill collars, heavy weight drill pipe, and jars.

1459826190-8eaeafcc-925f-44db-ae86-f7aa5b43193d

A player inputs the first and second instructions utilizing an input device, to move an object toward a target in a virtual field. The cannula is mounted to a needle holder so that the non-patient end projects into the holder. A second terminal is operative to output a second output signal during the first mode, and to output a second diagnostic signal during the second mode. The ballast processor is operative to receive a serial data that has a portion defining whether the



message is in a first or a second format, the first format comprising a DALI standard format and the second format comprising a format providing extended functionality. 2% based on the dry weight of said cationically bulked kaolin of a condensed naphthalene sulfonate complex having a molecular weight of 2000 to 10,000 and a sodium polyacrylate salt having a molecular weight of 2000 to 5000, said dispersant being free from lignosulfonate. Selected sheet position information from sensors and/or from models maintained by the actuator controllers may be relayed by the coordinators to selected actuator controllers as appropriate to the sheet transportation tasks.

1459826190-9583774e-fc84-41e0-a45c-1a7b5c1a9d38

A boat boarding apparatus for boarding animals onto a boat and methods of using the apparatus. An azimuth and range interpolation generates an interpolated sequence having samples oriented in range and azimuth frequency with uniform spacing. When it is desired to transmit data a higher rate than was used previously, an attempt is made to increase the number transmission slots being used. Then, the umbrella ratio depending on the weather condition is used to correct the respective recognition scores based on the pattern recognition using the no-umbrella model and the recognition score based on the pattern recognition using the umbrella-hold model; the corrected recognition scores are output as a final detection result.

1459826191-8f6b1961-ee63-469d-8499-cbc063fa4a85

The present disclosure relates to identifying stale failure reports in a cellular communications network. The drive transmitting gear is arranged so that a direction of a drive reaction force of the drive transmitting gear with respect to the drive gear substantially coincides with an ingress direction of the image bearing member toward the drive roller. According to embodiments, frequency spectrum and modulation scheme allocation techniques are provided to optimize power utilization and enable lower upstream transmission power by cable modems while maintaining similar signal strength of received signals or lower signal strength with reduced SNR requirements using lower capacity modulation at the headend. If the representation includes three axes, the shape of the boundary may be substantially triangular.

1459826192-37f4cbe5-2fe4-4b6c-bf1c-f72576c8beb6

First and second ridge type photonic waveguides are provided. The method determines whether the print head at the print position is too close to the imaging member to identify the gap distance without damage to the print head. The arm can have two arm components coupled at a joint. Accordingly, the recording sensitivity and the readout characteristics of optical storage mediums are improved without additional signal-amplifying structures or materials. The alleviation area is provided between an intersection of a second axis perpendicular to the first axis and passing through the center of the mirror reflecting surface and an edge of the mirror reflecting surface, and at least one of the torsion bars. The method may include applying a first voltage level to non-selected word lines and a second voltage level to selected word lines during a normal operational mode, and placing the word lines in a floating state during a standby operational mode.

1459826192-e69af124-f175-42f7-a941-3e3228fc52a4

A system and method for controlling access in an interactive grid environment is disclosed. The partition mount is couplable to the rack proximate the first battery and the second battery. Each positioning hole is sized so that the press-fit terminal is placed in position by inserting a guide portion of the press-fit terminal therein. It can also be used to adapt the automobiles for use in racing environments that require quick release steering wheels for safety reasons, yet maintain a visually pleasing appearance when the OEM wheel is attached.

1459826194-10801770-066e-46e7-9750-eb4d8109db7b

Blood collection systems include an integral flexible filter to remove leukocytes

from blood components. The signals are added together to render a \u201csum\u201d signal and are also subtracted one from the other to render a \u201cdifference\u201d signal, and a moving object is indicated only when the \u201csum\u201d signal has a frequency different than the frequency of the \u201cdifference\u201d signal. The first capacitor portion includes first and second internal electrodes as the internal electrodes. Based on the MPM, work units may be partitioned between the client and the cloud. The system, method and device provide a more efficient and intuitive method for planning and programming a navigational path with special emphasis on facilitating the planning and programming of a phase of arrival for the flight path of an aircraft.

1459826194-73575f44-2b2c-4c39-94b2-bfea192eecd5

An optical metrology apparatus for measuring nanoimprint structures using Vacuum Ultra-Violet light is described. The conveyor device includes a conveyor belt that conveys a recording medium. A tuning assembly is operatively coupled to the tunable element and detector and is configured to position the tunable element according to the error signal generated by the detector. An optional slurry distribution layer may be disposed on the upper surface of the guide plate, in which case the polishing elements extend through the slurry distribution layer and the transparent window extends beyond a top surface thereof. The method further comprises receiving the message in the wireless device and modifying a data transfer rate of the wireless communications from the wireless device based on the reverse noise ratio indicated by the message.

1459826194-ae3e0ab8-121f-4db8-ae52-71f1968d9c1a

A Subscriber Identity Module that stores the logic and data for providing advanced voice services including Push-to-Talk, Push-to-Conference, Upgrade to Conference, Push-to-Message and group SMS, on wireless handsets and networks. In accordance with one aspect of the invention, the adapter comprises a plug unit, a power converter, a primary connector, and an identification subsystem. The opening is then closed to retain the liquid and the source in the container. A flexible substrate is attached on the display device.

1459826195-6d1ca48c-f1bf-4f7f-96a3-590ff77a3bfe

An electrically controlled, decentralized control system in a vehicle includes at least two energy sources which are independent of one another and at least two control units. Through a table of rights, access rights to the resource can be associated with an application identifier. The intermediate layer can be made from a highly neutralized polymer, which can be thermoset or thermoplastic. The inverted vehicle may further include position detecting means for detecting a position of a foot of the rider, and contact determining means for determining whether the foot is to contact the vehicle, based on the position of the foot detected by the position detecting means. A dead time compensation logic circuit calculates a final dead time compensation voltage based on a change rate of the voltage command value, a gain, and a polarity of a current, the gain being calculated from a DC voltage value supplied to the electric power converter, a dead time, and a switching frequency. An output device is configured to print the printable representation of multimedia information on a paper medium to generate a multimedia paper document.

1459826195-bc4193a3-152d-4be3-ba84-ba0f840c41d8

Microchannel devices and method of use are disclosed wherein a reaction microchamber 52 is in thermal contact with a heat exchange channel 61. The valve pin guiding element has a sliding surface for sliding within a channel, and first and second engagement surfaces. In a contact portion between the wiring and the semiconductor film, the diffusion prevention film and the impurity region are in contact with each other. The resilient polymeric base layer, the metalized layer, and the conductive plating have an aggregate spring constant sufficient to maintain distal portions of the contact members in a cantilevered configuration and to form a stable electrical connection between the distal portions and the first circuit

member solely by compressive engagement. The mapping module is configured to map procedures identified in the source code to the defined requirements. For read instructions the selected normal or inverted data is compared with data read from a memory.

1459826196-2d72734c-d9a0-46c1-a75e-6dd482def4bc

A filament circuit resistance adjusting apparatus, for a filament circuit having a filament with a first resistance is provided. In addition the present invention provides methods of making the telomeric copolymers comprising aqueous solution copolymerizing a monomer mixture comprising acrylic acid and methacrylic acid in the presence of a phosphorus acid group containing reactant having a phosphorus atom in the +1 oxidation state, and thermally treating the resulting telomeric copolymer at 175°C. Still further, a calibration loop may be coupled between the output of the ADC and the phase detector to generate and provide a phase adjust signal to reduce or eliminate phase offsets. In such case, the first processing circuitry and the second processing circuitry operate between a packet network interface and a switch fabric of the packet switching device. The camera photographs the golf ball.

1459826196-5a5ef2a4-48d1-4229-851a-0213128ef41f

The invention relates to a device which is used to film, record and reproduce video images in real time with a three dimensional appearance, using a video camera and a sonar system in order to obtain the depth information. A mounting bracket connects the steering column to a vehicle frame. As a second aspect of the present invention, it is desired that the SNR be estimated within 22123 dB of the actual channel SNR. The post aperture extends from a top surface of the base to the recess of the base.

1459826197-1fe66445-2bd4-4b8f-881a-4acbb4aa2baf

An organic semiconductor thin film exhibiting high mobility and a method for preparing the same, and a material for preparing the organic semiconductor thin film by a wet process and a method for preparing the same are provided. The link mechanism includes the rotary unit arranged around the axis of the operating member body and our movable members arranged equidistantly around the axis of the operating member body inside the rotary unit on the surface of the base unit and having rear ends coupled rotatably to the rotary unit. Thus, a method is provided for forming a group III-V compound semiconductor layer containing a group III-V compound semiconductor containing arsenic as a group V element and also containing nitrogen mix-crystallized therewith, which has superb light emission characteristics. Thus, the desired portion of the map can be enlarged/contracted, while maintaining connections of roads. The power of harmonic radiation generated by the apparatus is selectively varied by selectively rotating the plane of polarization of fundamental radiation entering the optically nonlinear crystal. , small fluid channels) in a small polymer block wherein one or more of the channels can be filled with a biologically relevant gel, such as collagen, which is held in place by posts.

1459826197-60f41633-1c45-420c-8cd6-f5d3e8fe1847

A real-time reproduction determination unit determines whether or not AV data recorded in recording areas on an optical disc can be reproduced in a real-time manner. The system encompasses the prior art and new user specific mass media. In a second instance, complementary codes can be used for the radar pulses such that each radar system operates with a unique code for substantially reducing the cross-talk between the radar systems. Portions of the body that carry weight are supported by the frame by a sub-frame that encircles the head pipe. The fullerenes range from about C60 to about C100. The use of the table in a table assembly is also described.

1459826197-e8c611bb-aad4-4c1d-9313-d73eb72eabdc

A semiconductor die package having an elastomeric substrate with a first support frame and a second support frame. Also included is a deflection limiting element coupled to said leaf spring element at an intermediate location thereof, wherein said deflection limiting element comprises a J-shaped spring element. The protocol adaptation level is provided which, prior to a data transfer process, evaluates the protocol for exchanging data between the computer and the remote maintenance computer in terms of the compatibility of the protocol with the upcoming data transfer process. A fourth generating unit generates a capillary vessel image data set by performing three-dimensional image processing for the capillary vessel volume data set. After heating the coated surface is left with a protective oxyfluoride film that prevents blistering and hydrogen pickup and promotes hydrogen degassing from the article.

1459826198-0f68c92e-d49b-4acf-9c61-e52d3cbb7c65

The present invention relates to a transport device having a transport module including a helicoidal conduit actuated in vibration by a vibration module having a support with a rigid connecting piece supporting a plurality of n pairs of vibrating motors. A pressurization system is arranged for providing a constant and controllable gas pressure to the housing in order to obtain a controllable delivery of the drug solution. Curving lightpaths made on a silicon bench for reconciling the chip size with current ribbonfibers causes bending power loss, optical crosstalk and difficulty of production.

1459826198-352d9dc8-6451-4c21-b5c7-6409c2b4509d

A golf ball comprising a core comprising an inner core center and an outer core layer disposed over the inner core center. The three sub-pixels correspond to red, green and blue, respectively. The stuffer plug precursor then forms a stuffer plug within the hollow section. A second portion of the damaged tissue region may be similarly positioned within or along the channel and one or more additional lengths of suture may be secured to the second portion via the device. The ratchet spring is arranged between the intermediate sleeve and the coupling sleeve and the clutch spring is arranged between the intermediate sleeve and the tool spindle.

1459826198-8a69e88f-61ef-44f0-963c-b8f50e6d93ff

The invention relates to a waterproof housing of an apparatus, for example an electrically rechargeable shaving device, which housing is provided with at least one opening in a wall, which opening is sealed off by means of a foil permitting the equalization of a pressure difference between the inside of the housing and the outer atmosphere. In an example, a geodesic forest engine determines geodesic shortest-path distances between each image element and a seed region specified in the image in order to form a geodesic forest data structure. Protection films laminated on upper surfaces of the respective color filters are formed. Other mechanical devices could also be used to cause the laser heads to move above the surface of the lawn.

1459826199-cde7b0ca-1b42-4005-9f45-bf67c623c360

The present invention relates to an improved protective composition and method. This method comprises driving the desired bit line pair to emulate the normal bit line pair during a read cycle. The incomplete print job envelope is transmitted to a printing device. The access point detects congested/uncongested status of the uplink channel by using a wireless transmitter module and notifies the nodes of the congested/uncongested status of the channel by means for transmitting onto the downlink channel. Flexor assembly includes flexor arm, and conductor having actuator contact.

1459826199-f17efb48-378a-4663-a803-f95ce0c592d7

The present invention provides polypeptides that include an O-linked glycoconjugate in which a species such as a water-soluble polymer, a therapeutic agent of a biomolecule is covalently linked through an intact O-linked glycosyl residue to the

polypeptide. The method may also include matching the model degraded performance pattern to the data transmission performance patterns to form matched performance patterns, and identifying a root-cause component from the network components based on the matched performance pattern. The device may optionally include at least one additional second inlet port into the second chamber.

1459826200-acb9b4f2-362a-4bc1-8c2e-a99d894d418e

A method of communicating with a network in a wireless communication system is disclosed. Each of the haptic devices converts a signal from a signal producing unit into force or tactile pattern. The active shutter glasses comprise a right temple, a left temple, a right-eye lens, and a left-eye lens.

1459826201-250bb2dd-d255-4f57-b680-cae46b36cc73

A system for disposing of medical waste is generally configured to sort waste items into a plurality of disposable containers according to applicable rules and regulations governing the handling and/or disposal of such items. The perovskite can be lanthanum strontium manganite. The tibial component may comprise a tibial tray and stem. Also, statistical data of antennas for a long term can be obtained according to the present invention. The condition detecting unit is a temperature detector 27 or a power detector 51. The allocated processing cost for a computation is an allocated time period between receipt of the input sample and generation of the output for the computation.

1459826201-493801c2-9fe4-4fc6-bee0-50958d25c2ba

Embodiments of the present invention provide a method and an apparatus for managing and transmitting fine granularity services. At least one downlink channel of each neighbor cell of the current cell is monitored. With reference to the image provided with a chapter mark, a still image generating circuit displays reduced still images, for example, so that a target image can be specified.

1459826201-7795d2d8-ce60-4797-bdf3-d7df85a076a1

Methods of converting cellulose or related biorenewable carbohydrate materials into high-value chemical compounds. Various embodiments include receiving in a first computer process a conditions input that includes at least one member of a set including departure airport conditions, arrival airport conditions, and fleet conditions; and estimating in a second computer process the amount of delay based on the conditions input. In the routing table, information about the relay of the received packet to one of the transmission path ports connected to a relay transmission path is stored, correlated with both a port identifier of each the transmission path port and the source address of the transmitter that transmitted the packet. These compatibilized products are stable in the liquid phase at temperatures ranging from about 40°C.

1459826201-89612077-6eea-4ea1-b536-e1188c32945b

A stent arrangement which has at least a first ring and zig zag struts extending axially from the periphery of the ring. Furthermore, this invention provides a method of preparing and using hLRTM4 protein and its polynucleotides. Suitable business objects are also described. The ink cartridge also includes a resilient member having a first end which is coupled to the front face of the case and a second end which is coupled to the movable member, and the resilient member is configured to expand and to contract to move the movable member relative to the case between the first position and the second position.

1459826201-9bade1b3-7739-4d47-8b80-decb3f74e0b9

The invention relates to a process for the preparation of an aqueous dispersion of halogenated vinyl polymers by polymerization, according to which, after polymerization, a basic agent is added in an amount such that the pH of the aqueous dispersion is less than approximately 5. An ice dispenser is provided for delivering ice from a lower to an upper end. The panels may comprise one or more

covering layers pre-installed on a frame.

1459826202-5aadc6aa-90c6-473d-a559-5e4806a9dde1

Apparatus and methods for fabricating materials by die-forming that may be implemented to form a joggle in a bendable workpiece by securing the workpiece to each of at least two respective adjacent working areas, and then by displacing at least one of the at least two working areas relative to an adjacent working area in order to induce the joggle within the workpiece. The contacting leads to the direct production of neohexene, in particular in a single stage and with a high molar selectivity for neohexene. These structures can be written in straight lines or around curves, and can be accurately overwritten, so that complex optical devices can be produced in a single fabrication step. The apparatus includes a controller.

1459826202-c463da8c-619f-4116-a036-305ff1c3e7bf

An extreme low resistivity light attenuation anti-reflection coating structure in order to increase transmittance of blue light, includes a substrate and a coating module. The stretching portion is stretched into the large intestine of the animal and transmits the liquid so as to soften the feces, and the feces is then sucked out from the large intestine through the feces suction channel by the suction force. The resonant coil is formed such that an anti-node of the resonant coil that is an area of an anti-node of AC current flowing through the resonant coil, is located at the extension when electromagnetic field resonant coupling is established between the external resonant coil and the resonant coil. When at least two disks are provided, a middle air damper forming member disposed between the two disks is provided.

1459826202-e9dd1622-39fe-476d-9512-6579fa7c4670

A suture retainer for use with a surgical instrument comprises a slot defined in the surgical instrument, the slot having a bottom and lateral slot ends. A pedal lock is movable to a locking position wherein the left and right brake pedals operate in unison. A second functional block provides a second address, a second column address strobe signal, and a second readwrite signal associated with a second memory access. A control circuit generates an error signal representative of a comparison of the converter output voltage to a reference voltage. Methods of making and using fluorinated silylethynyl pentacenes and compositions containing fluorinated silylethynyl pentacenes are also disclosed.

1459826203-11116771-fcec-466f-a034-3c0fa4e3e865

A manually operated vehicle blow-drying device having a swingable overhead boom and an air supply hose extending down from a distal end of the boom. The method further including electrodepositing a first protection layer on the magnetic recording layer, removing the mask layer, and depositing a second protection layer above the first protection layer. At least one electronic valve can be used to deliver a desired flow to the patient interface device. Once the cutting blade passes along the length of the bobbin drum in one direction, the cutting blade may be rotated such that the sharp edge may engage and penetrate the remnant material in the reverse direction. Accordingly, the number of virtual machines exposed to the forwarding table of Ethernet switches can be effectively reduced.

1459826203-266308ba-4e2d-44a7-a401-dc56c1938846

The decision to prefetch inodes is based upon the detecting of access patterns that would benefit from such a prefetch. To cool the disk multi-brake even in slip operation phases and in the engaged condition, it is provided that depending on the operating condition of the brake, the cooling oil can be passed over and/or through the disk set in radially different directions. The detected data packets are read by the apparatus, combined into application messages, and further combined into user centric events. A mechanical switch may be used to select a SPRAY or CLEAN mode for the operation of the paint regulator to allow flushing of the paint regulator. An active catalyst composition is thereby formed.

1459826204-39c3752e-6a1d-49eb-9129-1394b24a0c92

The invention relates to a UV-lamp sterilizing appliance that is used to destroy bacteria. The fixation members are integral with a cantilevered arm that extends radially outward from the optic. The position of the softness region in colour-space is adjusted so as to reduce relative amplitudes of variations within the identified portion. The device determines whether the feature is disabled, whether the feature can be enabled with authorization and whether a requester is authorized to enable the feature of the device.

1459826204-6e49f3eb-68be-47f6-b152-0ba78b971081

A multivariate control method and system to control torque output from a powertrain system to a driveline is provided, to reduce driveline oscillations. The metal shield casing is received and held in the casing receiving recess. The flag generation circuit 11 generates a flag indicating whether bit inversion has occurred in consecutive bits in each of the bit sequences to be transferred through the buses and transmits the generated flag to the receive unit 20.

1459826204-9d1b2b8d-246c-4d06-84ed-ff3c782613ae

A disposable diaper is provided, including an absorber, a top sheet arranged to cover the top surface of the absorber, a back sheet arranged to cover the bottom surface of the absorber, and a skin-contact sheet arranged over the top sheet. In the method, a gate electrode and a lower electrode of a capacitor are formed at the transistor area and the capacitor area of an insulating substrate, respectively. This channel is connected to an exhaust gas system and is provided with a means for example a constriction for reducing the pressure gradient during the start of the opening of the gas exhaust valve. Plus, the combination can enable reading tag codes during tag manufacturing that are not otherwise readily available to read in the field. This stabilizer composition is useful in many food and non-food applications. The shoulder zones include a plurality of second transverse recesses inclined relative to the circumferential direction.

1459826204-a46f0634-2b42-42ef-b676-80bc69c72534

A micromachined pellicle beam splitter and method of manufacture thereof are disclosed. The opening patterns or the protrusions have a pattern which controls the direction of the liquid crystal molecules. A second lifting structure and/or step is configured to have an inner surface configured to lift an outer surface of the molded plastic preform from the injection mold in the lifting direction for a second period of time, the outer surface of the molded plastic preform including structure lying in a plane substantially parallel with the lifting direction. The first primary winding includes a first terminal and a second terminal capable of being grounded via the storage capacitor. The at least one base-fastener orifice, the at least one clamp-fastener orifice, and the at least one strap-fastener orifice are positioned to collectively receive a securing fastener. The lateral spacing between a cell plate and a transistor gate is minimized, resulting in reduced overall area.

1459826205-110c21bf-0b1d-4483-be84-3b6bf1e90120

An article comprising a polyvinyl alcohol film encapsulating a fabric care composition is useful for conditioning laundry. At least one first expandable bone graft is disposable within the second cavity. The image file is transmitted, together with at least one of the sender identifier, the subject identifier and the scan condition, through the network to one of the external stations indicated by the stored destination identifier. A stable laser beam is produced because changes in thermally sensitive light-generating parameters of the semiconductor laser are compensated. Articles of manufacture comprise a container or substrate, a wrinkle controlling composition, and a set of instructions.

1459826205-368a8595-7a69-4c7d-9a7a-663f1508e244

There is disclosed a method and a gas actuated retarder system for railway cars to control the rolling speed of a railway car along a first and second running rails of a track section. The coaxial via structure comprises a central conductive track and an external conductive track separated by a dielectric material and is positioned in a core of the electronic device carrier or in the full thickness of the electronic device. A load ring is disposed within the circumferential groove of each slip element, the load ring comprising at least one securing element which is engaged by one of the plurality of axially aligned inserts to secure the load ring within the circumferential groove.

1459826205-810f0027-20ae-4a8f-a8fd-52f5d8ad6227

In a detector device 10 of the invention, a wave detection module 20 receives and detects radio wave in a predetermined frequency band, which is used by a target wireless communication device for telecommunication. The planar antenna comprises a radiator having a feeding point, a first short point and a second short point. The surfaces of the microparticles have adsorbed thereon a complex of biologically active macromolecules, such as nucleic acids, polypeptides, antigens, and adjuvants, and a detergent. The cap and peg are engaged by at least one post mechanism extending from the peg. There is a similar second body with a connector between the first body and the second body and together these form the appliance for the user.

1459826205-9567e522-b44a-41aa-a637-2038d08c5236

White light emitted from a first light source is sequentially converted into green light, blue light, and red light by a first wheel. The temperature indicator is configured to vary an optical property in response to changes in temperature at the surface of the media heater. Attachment ears extend outwardly from the box, and an adapter attachable to a front surface of the box has attachment ears aligned with the box ears. The user checks the displayed data, and enters data for changing the signal level so that the remote control transmits the entered data to the television set. Each of the layer portions includes a semiconductor chip, and a plurality of electrodes that are electrically connected to the wires.

1459826206-3f065d9e-6cc5-48ec-9faf-79859c610828

A multi-capillary type electrophoresis analysis apparatus has a sample tray for containing a plurality of samples, wherein part of the sample tray is made from a conductive material. Thus, the strength of the piston is increased by the crown reinforcing portions, and also, heat distortion of the crown portion is inhibited since the crown reinforcing portions integrally connected to each other by the connecting portion are formed so as to serve as a rigid member extending along the piston pin axis. Portions of the lead frame extending from the die paddle are folded around sides of the encapsulated integrated circuit die and over, or adjacent to and level with, a peripheral upper surface of the encapsulated integrated circuit die to form an electrostatic discharge ring. The video signal generator also generates at least one additional video signal and transmits this at least one additional video signal alternatively to or in combination with the first video signal to the telecommunications terminal. Other embodiments of the invention provide for arrangements of vias in via arrays where diagonal wiring paths are facilitated near the edges of the via arrays.

1459826206-569ba5e5-8e33-4fd1-941a-395c5aaf2d9e

The invention relates to a device for axially conveying body fluids. The present disclosure also generally relates to a pharmaceutical composition comprising a crystalline form, as well of methods of using a crystalline form in the treatment of Hepatitis C and methods for obtaining such crystalline form. The HNIW is subsequently obtained directly, in a single reaction stage, by nitration of the hexasubstituted hexaazaisowurtzitane derivative. The bottom side is oblique to the plane so that the front end of the bottom side is higher than the rear end thereof, thereby shifting the center of gravity of the case body rearwardly. The clamps are



arranged in such a way that all clamping and voltage control is realised by a clamp connected in parallel with the corresponding semiconductor switch. When the headlight is switched on, the light emitting devices along at least one direction of the headlight are switched on sequentially.

1459826206-5f19c2c3-1206-41e4-bf81-319b32999b22

A mechanism is provided for protecting storage fabrics from an errant device causing a single point of failure. The polymer solution is deposited onto the surface of the substrate in the housing and the substrate is then spun. A plurality of modular pods are secured to the frame to form the customized mattress that relates directly to the height and weight distribution of an individual's body parts to provide the maximum quality sleep environment unique to that individual.

1459826207-98839a75-ec6b-4696-9e41-96bef24b525b

To control the positioning of a spacer more accurately in a liquid crystal display device to prevent display defects due to incorrect positioning in a display region. In this ink, the mildew resistant properties are not impaired. These methods are particularly useful for identifying individuals with gene mutations indicative of early colorectal cancer. The display module may have glass layers such as a color filter glass layer and a thin-film transistor substrate. For this purpose, a first camera is used in an identification station to obtain digitized images of optically visible separating section-specific and strand section-specific surface features on an identification surface and the images are stored in a database. A signal detector within the receiver is connected to a serial interface port of the device to detect the presence of an input signal.

1459826207-f29e6259-5fa9-4797-a61b-36fdd7ab1155

A fuel processor apparatus comprising a catalytic tubular reactor is heated using an infrared radiant burner to provide the endothermic heat of reaction needed to reform a mixture of hydrocarbon and steam for the production of a hydrogen-rich gas stream. With the configuration, an erroneous operation of the refresh executing circuit can be prevented. The edible film is peelably released from the substrate to provide decorations for the foodstuff. This eliminates the need for receiving write data again from the outside when the additional write operation is to be retried. Accordingly the present invention can measure a quantity of usage of a CPU easily without lowering a performance of the operating system. The method can determine which UHF television broadcast channels are available for use by the user device and determine a maximum allowed transmission power for a given channel based on signal strength for the given channel and on adjacent channels before transmitting the maximum allowed transmission power and location by the user device to a remote server for sharing information.

1459826207-fb487dce-4fb5-45d0-b08b-7ee88ddee398

A technique is described that reduces parasitic losses in circuits used to drive current through a load. The system includes a drawbar assembly adapted to be releasably attached to opposite corner connectors provided on the container. A reservoir is provided within the upper cap and has a breakable bottom; the reservoir also internally includes a cutter. The M-M<sub>2</sub> support catalyst comprises a first metal M selected from Cu, Ag, Au, or combination thereof, a second metal M<sub>2</sub> selected from Pt, Pd, Rh, Ru, Ir, Os, Fe, Ni, Re, Mo, W, V, Cr, Co or combinations thereof, and a support selected from activated carbon, alumina, alumite, zirconia, silica or combination thereof. A transmission input shaft is connected to a prime mover such as a vehicle engine crankshaft by a drive belt.

1459826208-036971d3-d477-467a-bd99-1a660073e768

Systems and method for sharing a file presented during a meeting are described. The banks may be formed of an organic material on a bank formation surface configured of an inorganic material, plasma treatment is performed under conditions that the

induction gas is fluorine-based and that fluorine is present excessively, and the areas enclosed by the banks subjected to surface treatment are filled with the liquid thin film material to form the thin film layer or layers. Thus, a memory cell and its neighbors are programmed together and the field environment for each memory cell relative to its neighbors during programming and subsequent reading is less varying.

1459826208-1b0ee0cf-b522-4e61-8a0d-adf6660943db

A digital camera is mounted on a camera mounting unit of a cradle, and supported as swayable. An identification function is disposed in the band, along with an Electronic Article Surveillance function, that may be selected to be at least one of an electro-magnetic or acousto-magnetic segment. This results in a sandwich-like contact structure achieved in a self-aligned deposition process and having improved source-drain contact for all-additive printed circuits.

1459826208-1facb3a6-6faf-4e8f-90a9-784eb0725d79

In certain embodiments, the invention relates to systems and methods for altering an image to compensate for variation in one or more physical and/or supervenient properties in heterogeneous, diffuse tissue, thereby attenuating the effects of tissue waveguiding. The backlight unit includes a light source emitting light; and optical fiber surrounding the circumference of the light source so as to concentrate and emit the light emitted from the light source. The selection involves selecting a type of alert to receive, a level of severity of alerts to receive, and a geographic scope. The removable locking device is then reattached to the suspension support structure locking the support structure and suspension into a new fixed position relative to the trailer body. Based on the correlation coefficient K, whether knocking is present or absent is determined.

1459826208-309bca90-0fc2-4b02-82af-4a8828f467e4

A method of transmitting control information in a WLAN system using a multi-channel obtained by aggregating a first sub-channel and a second sub-channel is provided. The system and method provides a user with the ability to create a list of items that the user would like others to purchase for the user as a gift or as a list of items that the user would like to retain for a later purchase. The first mode clutch is operable to engage the speed changing unit for reducing the rotary speed of the second axleshaft relative to the rotary speed of the first axleshaft. The layer and the resist pattern of the dummy sample are etched in an etching device so that the layer and the resist pattern of the dummy device are simultaneously slimmed.

1459826208-8bd9ade2-906a-4c8a-af48-6fadcd0c6272

A disposable food cutting utensil, oval or circular in construction with an integrated handle area, packaging support legs and slots, and a removable marketing element. A flashback chamber is provided in the housing at or near the distal end of the housing. Also provided are pharmaceutical kits designed to facilitate compliance with the regimen. The central attachment can also be used to diminish the package temperature gradients on the periphery of the die, if the thermal conductivity of the central disc attachment material is higher than the package substrate.

1459826208-e44f6b56-1de1-48a5-ab77-cdc64e2b9326

A flat-panel lamp having a light-emitting surface with an integral contact sensitive layer located over the light-emitting surface that controls the activation and deactivation of the lamp and a controller for supplying power to the lamp and responsive to a signal provided by the integral contact sensitive layer for controlling the supply of the power to the flat panel lamp. The intelligent icons are visually coded to represent the emergent data. In one embodiment, the web portion is arcuate or dome shaped. The segment is then assigned to one of the plurality of signal classes by reference to the probabilities. An initial amount of

the target is calculated according to a calibration equation using an initial amount of the standard, and the target and standard growth curve values, where the calibration equation is a nonlinear equation. The technique is uniquely available only in digital holography and has applications in holographic microscopy.

1459826209-2baedbe1-092e-43dd-b9e9-0e6d312d007e

A convertible message sign for indicating the docking status of a vehicle. In this context, the following operations are provided: comparing a guide voltage specified for setting the constant voltage to at least one stored switch-off value determined as a function of the boundary value, and ending the charging when the guide voltage reaches the switch-off value. The door can be secured to the vehicle in the open position so that the passengers have the option of riding in the vehicle while the door remains open. The surface opening area of the partitions attributable to pores having a surface opening diameter of 10 m or less is 20% or less of the total surface opening area ratio. The illuminative device is installed in the space for emitting light.

1459826209-8a9bd1a9-4a79-4b13-b240-744ca3d518f2

An adjustable Formwork climber apparatus is described which may be used for casting walls having an overhanging portion. When the downlink has more subframes than the uplink, special treatment on user equipment ACKNACK feedback is needed. This support member has a first end mounted at or near the bottom of the container, a second end terminating a predetermined distance above the opening in the top, and an exterior surface over which liquid flows. A pivoting cradle is attached to the base.

1459826209-d89da64a-0c51-4b91-b5d9-78e00f5bd73b

A hair highlighting applicator nozzle comprises a cap adapted to be removably mounted to an open end of a flexible container for holding a hair coloring fluid therein. It is intended to minimize the risk of a leakage. The output signals of the integrator circuit are periodically compared, and based on the comparison, output signals having a voltage representative of a value are generated. When a size of the sheet is undetermined, and the length of the sheet is not detected by the time the sheet reaches the conveying flapper, the conveying flapper is controlled so as to convey the sheet with an image formed on a first side thereof to the second conveying path. The new variety is particularly well suited for forming attractive ornamentation in the landscape.

1459826209-e0d7ea6a-97e7-4a07-8f36-fe9a9ad866aa

The present invention relates to antithrombotic compounds 2-alkyl aryl sulphonyl-1,2,3,4-tetrahydro-9H-pyridoindole-3-carboxylic acid estersamides, pharmaceutically acceptable salts and compositions thereof to be used in the treatment of intravascular thrombosis such as myocardial ischemia and stroke. The system includes a network device controller and a transmit unit coupled to the network device controller. An IC die, resides within the opening in the substrate. The received IP Multicast packet for an IP Multicast group is stored in memory, a pointer to the location of the packet in memory is stored for each port to which a copy of the packet is to be forwarded.

1459826209-f3914a7d-8bd4-4607-a9e2-fb8e798a6470

In this process for producing ethanol by enzymatic treatment of a must of a starchy plant material with yeasts of the genus *Saccharomyces*, all the old yeasts are replaced with fresh yeasts in order to keep the fermentation time between 20 and 24 hours. The illumination apparatus includes a light source connected to a power supply. Depending on the choice of thermally expanded beam, the deflection can be either in or out of the plane parallel to the substrate.

1459826210-ce9861df-24a3-4d4c-a194-85d61fda2940

An immersion lithographic apparatus is disclosed in which a gas knife is shaped and

a liquid removal device is positioned to improve removal of liquid from the surface of the substrate. Actuation means extends between said distal and proximal members whereby any deflection of said control handle with respect to said elongated instrument shaft causes a corresponding bending of said distal motion member for control of said working member. The flexible wall is adapted for undergoing deformation as the result of a displacement of the load or force receiving part through an action of the lever, and the sensor means are adapted for measuring the deformation of the flexible wall or the strain in the flexible wall. Blood component measurement can be easily performed without collecting blood by analyzing the transflected light with a high optical power containing much information about a blood component.

1459826210-cec8a3c7-656a-4329-ae80-b40923eca512

The invention features a photopolymerizable composition that comprises a cationically polymerizable resin, and a photoinitiator system comprising an iodonium salt, a visible light sensitizer, and one or more anthracene-based compounds as electron donors. The chair includes a pedestal mounted on a bottom of the tiltable seat. To increase user satisfaction with the product, a plurality of mixing tubes are extended in the same direction on one side of the burner pot in the burner system. In another embodiment, changing lights and shadows are used to create animated objects out of otherwise inanimate objects.

1459826210-fb8a001e-f07e-4216-8c16-a04d09142991

A computer implemented method presents a personalized multimedia message to a user. The combustion chamber insert contains a solid propellant, has a first and a second axial end and is held in the outer housing. The duct is pivotally assembled about a pivoting axis to the conduit for pivoting the outlet between the operative position and the cleaning position. The first modulation scheme has a first amount of energy associated therewith, and the second modulation scheme has a second amount of energy associated therewith. A first interconnection is coupled to the conductive line of a stair step, the first interconnection extending in a second direction substantially perpendicular to a first surface of the stair step.

1459826211-30af347f-ba6a-4e14-a3d9-28a036e4d541

A codeword synthesizing system and a correlation system for use with a spread spectrum communications system. The output of a master device's programming may be used to verify the programming of one or more slave devices. An algorithm uses the data to determine potential alignments between different 3D scenes via coordinate transformations. The power management system further includes a generator controller that is mounted to the engine-driven generator. The operations include receiving file access requests from the data repositories.

1459826211-4ec47230-dc75-41cd-83ba-821ee2bae23c

The present invention relates to a solid pharmaceutical composition comprising a delivery agent and wetted heparin. The classification system comprises a criteria table for storing predetermined criteria for items included in the electronic documents and a score counter provided corresponding to each of the electronic documents. The bridge member is positionable adjacent the appliques to activate the system and impart a dilating force onto the user's nose. Thus, moving the rotor bearings away from areas of high amplitude vibration of the rotor.

1459826212-919e5ae7-4a36-4aca-808c-14f38803cdb8

An image scanner uses optical targets within the scanner to characterize imperfections of a lens system and to partially compensate for the imperfections using digital image processing. A pliable webbing surrounded the keys such that there are no gaps between the keys or between the keys and the top enclosure, the pliable webbing creating a generally impenetrable seal between the keys and between the keys and the top enclosure, the seal edge having a rib. In another embodiment, a rotary drill bit is also disclosed including a bit body and at least one cutting

element including a substrate and a superabrasive table bonded to the substrate. After estimating the cylinder location, a number of skipped defective sectors that have occurred prior to a cylinder start is determined.

1459826212-9d7f923a-3674-4e4f-b17c-738b1c7b7e97

Disclosed herein is an electroluminescent display that includes a first substrate, a second substrate, a light-emitting element array, a sealing member, and a supporting structure. The fingers can be either be fixed along the conveyor path or move with the containers along a portion of the conveyor path. Extending approximately perpendicularly from the top wall are first and second side walls. By statistical outliers, what is meant is observations that fall statistically outside of the other remaining observations in the sample. The water takes on a property enhancing the separation by the device by the action of a medium.

1459826212-dbab9795-ad5e-4fdb-b1b3-810eda48a89b

The system and method presented provides a multi-phase, end-to-end integrated process for testing application software using a standard software testing tool. The system may provide analysis of the interior energy system and recommend improvements. The first set of memory addresses may be associated with non-volatile memory cells having wider cell threshold voltage distributions compared to cell threshold voltage distributions for non-volatile memory cells associated with the second set of memory addresses. The pre-stressing of the elastic elements are variably adjusted via a first adjusting device and one of the damper parts is adjustable relative to one of the fastening devices via a second adjusting device. The shared remote signal processing system decompresses these signals; assigns the decompressed signal to one of several shared, software configurable signal processing devices that processes these signals and transmits the signals onwards via the internet, switched telephone, or other networks. Additionally, the first surface has a plurality of prisms for totally reflecting portions of ambient light beams that have passed through the liquid crystal display panel to irradiate the liquid crystal display panel.

1459826213-2f92f53b-ea05-4284-9ecc-f3c529a46f0c

Navigational systems and methods are disclosed herein to provide accurate processing of two-dimensional sensor images for navigation and determination of position in three-dimensions. A command dictionary and dynamic grammars are used in processing speech input to identify, disambiguate and extract commands. Then the outer panel is stitched to an outer side of said lofted assembly. In an alternate embodiment, solar cells provide all of the energy for the drive motor. The bias voltage generation circuit generates bias voltages for biasing the MOS capacitors of the MOS variable capacitor cells. The method comprises providing a first tubular ; locating the first tubular in the bore ; providing an expandable, second tubular ; locating the second tubular in the bore overlapping the first tubular ; expanding a portion of the second tubular to create a coupling including a flow passage between the first tubular and the second tubular.

1459826214-3c2d1b0c-e6a3-41f8-b0c1-aacf59c802ba

One or more systems, devices, methods, and/or processes described can determine a maximum cache command rate of a processor unit. Vacuum chamber 1 is provided with subchamber 3 that is less evacuable than coating chamber 2. Upon activation of the drill, the collecting drum rotates retracting the pool cover.

1459826214-463ff304-f159-4cd7-8351-f9cf25cd4441

Disclosed is the discovery that the transcription elongation factor termed P-TEFb has a central role in transcription elongation control. The network interface has access to the associated target computer's processor and memory. The first threshold voltage of the first channel region is different from the second threshold voltage of the second channel region. Tests may be periodically issued to the clients and to the intermediate nodes to measure and track performance and

quality of the network connections.

1459826214-da10e25f-d32f-416f-911a-73c2cfe0dc52

A power generation system includes at least one generator having at least two sets of stator windings, an active rectifier comprising power cell based modular converters associated with each set of generator windings. A wire grid is made by attaching the wire-grid metal sheet to a frame. The optical switch also includes a phase modulating section that applies electric fields to one or both of the two optical waveguides. During a remainder of the time segment value, at least one turn-on time period is provided when the supply voltage is coupled to the motor. In response to the remaining time alert signal, the warning module is enabled to issue the warning signal. According to one aspect of the invention, an introducer having an inner lumen with a diameter that is smaller than that of the compressible member may be used to disengage the stiffening member from the compressible member.

1459826214-f64f1d40-39f8-4b03-95fd-0becd6c0fe34

A combination housing of a notebook computer having a display housing and a main frame housing. These peptides possess a charge motif of positive-positive-hydrophobic which is important in determining the specificity of binding to tumor-derived endothelium. The connection between the first and second connectors may be solidly magnetic, solely mechanical, or a combination thereof. The hashing units are configured to operate in parallel. A processor determining the particular deformable region to be location of the input force based upon the detected fluid pressure changes. The coupling includes at least one vehicle-side coupling part and at least one battery-side coupling part, each coupling part having at least one electrical contact site.

1459826215-33ec9ec6-0156-4710-a885-9793311c82cc

An x-ray tube includes a frame, an anode for generating x-rays disposed within the frame, a cathode disposed within the frame, where the cathode is configured to selectively emit an electron beam toward the anode, and at least one heating element disposed within the frame and configured to heat a portion of the anode. The injector device includes a body defining a space for receiving a pharmaceutical cartridge. The tarpaulin system may be installed onto and removed from the cross supports of a tarpaulin support and retraction system without requiring the user to disconnect the cross supports from the drive cables. Finally, the radii of curvature in the area of the transitions from the outer part into the inner part of the tube are greater than in known tubes. , monocyte-derived dendritic cells.

1459826215-87d92c3a-b5d9-4fffb-bdda-97a3319f99e1

A chip package includes an optical integrated circuit and an integrated circuit that are adjacent to each other on the same side of a substrate in the chip package. The traverse rod is designed to improve the functionality of the rod, while minimizing the risk of damaging the aesthetic features of the traverse rod as the hanging object is manipulated. In said exemplary embodiment, the STP trading platform includes computer software modules including at least an account management module and an electronic trading module to handle the various stages of executing a trade, confirming the trade, and facilitating settlement of the trade. Similarly, the base plate has one or more removable sections to correspond to the configuration of the bottom ends of the tubes.

1459826215-b2a5ba95-00f9-4668-9ee4-8b8270ee2151

A smart card reader and transaction system which uses the voice path of a switched telephone network to effect smart card transactions are described. The use of a digitally controlled phase locked loop allows the stepsize of the synthesizer output frequency to be controlled in very small increments. The differential pressure considerably decreases or considerably increases due to breakage or plugging of the DPF in an exhaust emission control device. The power amplifier device is capable of selective operation within one of multiple different

frequencies or frequency bands. The aforementioned fire-resistant container meets Underwriters Laboratories Standard 72 and is suitable for storage of paper documents, firearms, and other valuables. The multiplexer conducts one of source output signals into to red sub-pixels under control of control signals.

1459826216-2f7f37d9-9672-43b5-a248-86655ceb198c

A tone hole pad to close a tone hole of a musical wind instrument is mounted in a cup having a bottom portion and a wall portion. Each adjustment circuit may be connected across a standard voltage divider circuit used to create a reference voltage for operating a voltage pump. Upon exiting the painted area, the graphical pointer speed is preferably restored to its prior setting. The track are provided with a predetermined region that provides for controlled deformation of the vehicle body in case of a collision. In one embodiment there is an additional substrate layer that house components that are not sensitive to temperature with interconnects electrically connecting the heated substrate and the additional substrates. A vacuum system is positioned to generate a reduced pressure condition along a lower surface of the slide coating die.

1459826216-3c08f154-6b70-4105-8a25-1914d8bce37e

Architecture removes the limitation of a fixed set of roles and scopes, allows more effective permission auditing, and provides a convenient delegation model. In one embodiment, a system includes a computing device connected to an access server that controls the ability of the computing device to access to a computing resource, such as the Internet. The method, system, and computer program product may determine whether a first processing element has additional processing capacity.

1459826216-8ff9820f-b5cb-45cd-851b-584b6be5a28e

Information related to activity of a user may be provided using a method or a data processing system program product to perform the method. The first region of the base portion is capable of being folded back towards a second region of the base portion that includes the first edge, and the engaging portion of the second reinforcing member is capable of being engaged with the first reinforcing member. The force is applied by a force dosimeter assembly that draws an incrementally adjustable amount of force on cables connected to the bracing member. The grip unit and the motor unit are connected to one another by at least one antivibration element. Adjustments are then made to the last in accordance with the adjustment factors to provide custom width sizing. Graft strength has been found to be greater than 1,000 N, which is desirable for ACL reconstruction systems.

1459826216-bb2a4a97-f708-4ed4-863d-91f7e07249ad

An FCC process and apparatus that blends spent and regenerated catalyst before the catalyst contacts the feed in a reaction zone. The object is placed in a chamber and supported between inlet and outlet apertures in the walls of the chamber. Each measure is obtained from the output of the camera of the corresponding cameraencoder combination. Using this criterion, observed and output signals are used to control a filtering matrix. By rotation of the balance beam and flexing of the elastic hinges 30, 31, 32 an appropriate bearing load share is achieved. The handle is connectable to a pressurized fluid source.

1459826217-07c58ca8-78ec-402b-b5e2-735849ef83c6

A power amplifier system uses adaptive distribution of signals through an amplifier architecture of parallel amplifier stages. In one embodiment, a method is provided for encrypting hierarchically structured information. The driving lobes have upper surfaces that are depressed a distance into the counterbore. In operation, fuel gas is injected into the first passageway and recirculated flue gas is thereby drawn into the first passageway so that it mixes with the fuel gas.

1459826217-402368be-09c6-466a-8024-a5b986897bd8

Power supply equipment is provided for supplying an appropriate power adapter

identification signal, as well as DC power, to various types, brand and models of electronic devices. The speaker or the cap is configured to move relative to the other for opening and closing the acoustic port in one embodiment and a movable seal is provided in another embodiment. The controller operates on separately settable odd-even wordline erase voltages, which are adjusted to affect offset. A desired slip calculator is operable to transmit a desired slip signal based on the ground condition signal.

1459826217-69ca6835-d5a6-46e8-9624-216f1ba8e71c

A honeycomb structure includes a honeycomb block which includes at least one honeycomb fired body having a first end face side and a second end face side in a longitudinal direction of the honeycomb fired body. The system's sequence of operation is can thus be described as follows:a. The computer additionally includes device management client software.

1459826217-6e94ebe8-b861-4c40-80de-b1fd053efd98

A covering for protecting handbags, suitcases and other containers from damage due to inclement weather conditions, such as rain, and methods for making and using same. Upon compiling a semiconductor memory instance based on its configuration data, a default access margin value is passed to a wrapper interface associated with the memory instance. The rotation shafts are engaged with each other by a single adjusting device. A valve, to allow flow from an interior of the assembly to a reservoir if needed, is provided. The bi have a direct effect on the gain of a dynamic model. Following that, a polysilicon layer is formed to fill the collector opening and the emitter opening.

1459826217-b89b23ed-167d-4db2-b09d-b05defb51c9f

The disclosure relates to a sense amplifier comprising a cascode transistor and means for biasing the cascode transistor, supplying a control voltage to a gate terminal of the cascode transistor. The F-BER is correlated to the BER of a disk. The plural round keys are output to a round calculation executing unit sequentially executing in the encryption processing part such that a constant sequence is not repeated. Particular products include external wall insulation or cladding and pipe sections. In response to receiving the text-message, the application on the mobile phone device initiates retrieval of appropriate configuration information associated with the user from the application server.

1459826217-bbacf15a-e353-4b7e-adcb-8761cdc2fa5b

A system for estimating a crop characteristic comprises a database, a plant growth model correlator, and a crop characteristic estimator. A method for forming the coated tablet is also provided. Each thread assigned to a particular instance of the shared resource has a unique ordering index.

1459826217-c936361d-0a7d-46d3-9900-d83aaba7ed60

A process of producing an asymmetric membrane of multicomponent polyimide. An electron-beam apparatus adopts line-sequential driving of allowing a plurality of electron-emitting devices to simultaneously emit electrons in an arrangement in which an accelerating potential for accelerating electrons includes a ripple. After optical alignment, the receptacle is fastened to the opto-electronic unit by welding.

1459826218-2189ad5f-c8ea-4c9a-b407-04bb9ed51c60

A laser processing method where laser beam for processing is irradiated on a processing object and the laser beam for processing directly removes a part of the processing object. A plurality of the modular heat radiating units may be sequentially stacked and connected through engagement of the ridge portions and the grooves on a first modular heat radiating unit with the channels and the flanges on a second modular heat radiating unit, respectively, and thereby form a sectional modular heat sink. Only damage to the enamel coating leads to a destruction of the



coating, preferably under the influence of a catalytic material, so that the encased fluid enamel can emerge. The hole portion is located within an outlet projected area that is provided by projecting an open area of the outlet in straight and toward upstream in the flow direction of the main flow on a projection surface perpendicular to the flow direction of the main flow. The complexed first immiscible basic extractant is separated from the aqueous stream, thereby producing a first effluent stream that comprises product organic acid and that has a greater ratio of molar product organic acid to molar strong contaminant than the aqueous feed stream did.

1459826218-8221bf19-1618-4a60-8371-9210cae69b29

The present invention provides a novel compound having a kininogenase-inhibitory action and its pharmaceutical use. Preferably, such fluorescent zebrafish are fertile and used to establish a population of transgenic zebrafish and to provide to the ornamental fish industry for the purpose of marketing. The drive rod guiding member can be positioned adjacent to the drive rod. In another embodiment, the defects define a depth-of-interaction boundary that varies longitudinally to vary the amount of light shared by neighboring portions of the crystal.

1459826218-9a284aef-6a65-4099-8e71-c07a4dda8d5c

A two-ended ink stamper has at least one handle with at least two ends. A call associated with a first party to be surveilled is verified, on a per-call basis. As the initially longer sidewall of the standard waveguide is unchanged, the fundamental mode is not affected but the electric field is uniformly distributed along the width of the board traversing the electric field and the cavity.

1459826218-b4308983-0d22-4b73-a55a-8951c0e38cf2

Disclosed is a blade including a blade body including a leading edge and a trailing edge, and at least one trailing edge cavity defined by a blade area disposed in at least partial alignment with the trailing edge, the at least one cavity extending a desired depth into said blade body in a direction of the leading edge. The acoustic frequency at each fiber Bragg grating is calculated to determine an acoustic distribution along a longitudinal direction of the fiber. The first annular band is partially reflective to the frequency band.

1459826219-1f683c0b-5934-4e65-a564-fd321bbe6396

The invention is directed to a guide tube assembly for a portable handheld work apparatus with a drive motor mounted at one end of the guide tube. A permanent antireflective coating is deposited over the source region, drain region and gate electrode, and an interlevel dielectric layer is formed over the permanent antireflective coating. , over stressing, short channel length devices during voltage stress test screening.

1459826219-65c0b976-dcdf-448c-889e-7b92939acd13

A power distribution system is provided for an automobile mirror assembly or the like, and includes a flexible membrane having electrical traces electrically connected to the vehicle electrical system, and connecting sites for electrically connecting to various power consumers in the mirror assembly. Also a multi-band temporal amplitude coding technique, useful as an enhancement to any coding/decoding technique, helps with accurate reconstruction of the temporal envelope and employs a utility filterbank. The at least second radio communication device may send any sequence of data or control signals to a remote flash device which may be representative of the desired light emission intensity or power emission level. The target printer then runs the storage commands and locally stores the logo data. less than a seal initiation temperature of the polypropylene absent the PLA and a hot tack range of at least 20°C.

1459826219-afc05982-8be3-4d92-a71a-f69d1a9d8086

A rain monitoring system includes a rain monitor configured to measure fluid

precipitation. An agitator mixes the water and the foaming agent into the stream of compressed air to generate the foam. The user is able to remain physically removed from the switch site obviating need for protective equipment. The contents sensor unit is configured to send a signal communicating a state of the contents in a container.

1459826219-b7c83de0-b40e-4db7-9e9a-a883e6cd2307

The method and apparatus for cancelling a pending notify command of the present invention includes a mechanism which allows a controlling device to cancel a pending notify command. The first end of the suture is secured to the first elongated rod at a location that is approximately halfway between the first and second ends, and the second end of the suture is secured to the second elongated rod at a location that is approximately halfway between the first and second ends. The vehicles may include a noise-suppression device that is adapted to reduce electromagnetic noise, a cutoff device that is adapted to selectively restrict operation of the motor assembly, or both devices. \u2014Receiving by the exchange LE-C, a call message SETUP; IAM in Virtual Private Network context comprising an identification field identifying the defined Corporate Network CN-A. The insulation also preferably includes a metallic coagent cross-linker, which when used in combination with the hydrophobic silica particles increases the tear strength and the elasticity of the insulation, while at the same time not adversely affecting the bonding characteristics of the insulation. The fixing portion includes a through hole through which the elongated metallic support core axially passes.

1459826220-0dab90fe-3620-4bfa-9ed4-d512803d1714

Two or more defect maps may be provided for the same sample surface at different detection sensitivities and/or processing thresholds. A substrate having an array of thin film transistors thereon is provided. The particles are preferably washed, dried, and screened before being used as impact abrasive material. A second connection hole penetrates the second insulating layer and exposes a connection region of each of the upper layers of the upper electrode above the lower layer. In certain embodiments, the blades may be a translucent material capable of transmitting light from a proximal portion of the blade to a distal portion. The invention further provides methods for measuring aromatase activity and for screening test agents which modulate aromatase activity.

1459826220-8dd7c31a-b271-4553-944a-ed178fb20cc

A snowboard binding and hold-down device that may flex or move with the snowboard when ridden to minimize any impact on flex characteristics. The light-emitting device may comprise a green light source configured to emit green light. 2-octan-2-one compounds of the formula ; which may subsequently be further transformed to compounds of the formula :The present invention further relates to novel compounds as such, which compounds are useful intermediates in the above process. A computer controls the entire progress of the transaction, and thus controls the collaborative space occupied by the participants to the transaction.

1459826220-afe78e3e-67ac-4940-9565-3e0e0b501e22

A clutch lever for a centrifugal clutch applies axial pressure on one or more clutch disc assemblies as a function of the rotational speed of the engine. In one embodiment, the system includes an integrated device and an authentication unit. The barrel support structure holds the drum at a fixed angle while water is sprayed from the spray head onto interior surfaces of the drum. \u2014 Thus, the average speech spectral shape estimate adapts over time to changes in the acoustic characteristics of the voice path or any changes in the electrical audio path that may affect the frequency response of the system. The video fragments with the attached priority identifier are sent to a content delivery network.

1459826220-cd491259-7ce6-4d85-bed7-a9a9663c001c

A main control unit determines whether or not a previous version with which

comparison is to be made exists regarding a document stored in a session storage unit. The shank has a first threaded portion having a predetermined thread angle and a predetermined hardness, and a second threaded portion having a predetermined thread angle and a predetermined hardness. The object includes a front portion that is secured to the lid of a mailbox and a rear portion that is secured to the back of a mailbox. The at least one section includes a grinding head, a radial positioning system supporting the grinding head for radial movement with respect to the tire, and a tilt adjuster provided adjacent the grinding head to provide for pivotal movement thereof. By providing a size-adjustable system, the article of footwear is capable of receiving multiple foot sizes, such as that of a growing child.

1459826221-2d88ca13-2993-42b3-a3f9-836b921259b9

A CO<sub>2</sub> gas discharge laser includes elongated planar live and ground electrodes vertically spaced and electrically insulated from each. A charge storage insulator covers substantially the entire top surface of the cell region. The cross members are arranged at intervals at least about five times greater than those of the longitudinal members.

1459826221-2e88e739-698f-4a96-ba19-2dc990ded90d

A compound comprising a disazo chromophore and an optionally substituted acyl group linked together through a SO<sub>2</sub>NH group, inks comprising these compounds, ink jet printer cartridges containing these inks and their use in ink jet printing. In one embodiment, the method comprises identifying a plurality of processes; initializing each of the processes; executing with a single thread of control among the processes; and continuously cycling among the processes to obtain status information. A triangulation-based sensor head is supported at the imaging station. In some configurations, these methods comprise co-culturing, in a first stage, CD8<sup>+</sup> T cells from a donor with antigen presenting cells comprising an MHC antigen peptide, and co-culturing, in a second stage, the CD8<sup>+</sup> T cells with cells comprising an SCT which has an MHC antigen peptide sequence identical to the sequence of the antigen peptide in the first stage.

1459826221-7899e29a-e099-47c5-8534-6c948b22a1a5

An electronic device comprises an IC provided with an array of pads a preselected number of which define inspection pads of the IC. Two arched pieces are arranged about the area of the ends of the boom where the working track and return track meet. A second electronically controlled switch is further connected in series with the LED string, arranged to receive a PWM signal, thereby pulsing current through the LED string. The pivoting connector pivots within a defined range of movement thereby limiting the range of movement the attachment makes with respect to a front end loader of a tractor. On the touchpad, several key patterns may be provided or one or more regions may be arranged, to provide various input functions of key mode, mouse mode, scroll mode or graphic mode.

1459826221-8a101a31-c26e-4050-bb88-39b75a7e7782

An inter-symbol-interference coder with mapper and linear filter and a technique of channel encoding deliberately inserts inter-symbol-interference into the signal using a non-linear precoder to map map input symbol sequences into sequences of extended symbols. The disclosed reception method comprises a step for extracting second program table information which indicates the association properties between a plurality of programs, the programs being obtained by using a broadcast stream which comprises at least one program, program table information which indicates the broadcast stream, and at least one broadcast service, from a received broadcast signal. A magnetic layer is formed on a substrate. The field contactlessly drives an endlessly circulating runner element which is arranged on the container and which in turn is coupled in terms of gearing to the supporting belt. On the other hand, in the case of a merged result of OK, an ink cartridge OK state notification is issued to a mechanical controller.

1459826221-9378fa38-6a66-4cf3-ab1b-86d4685c9b88

The solid state drive device includes a memory device including a plurality of flash memories and a memory controller connected with a host and configured to control the memory device. Advantageously, the locking mechanism may be integrated into a container such that each container may be interlocked with an underlying and/or overlying container. Player devices include a processing environment, which plays content by interpreting its processing operations. A database stores a policy directory in a hierarchical format that is separate from a policy store for devices in a flat format.

1459826222-0f6f35f2-87f7-4aa9-9332-77f85a92a331

A universal attachment flange to connect equipment utilized to perform a task to various connection arrangements. For each pixel intensity of pixels in the image, a plurality of pixel groups are created comprising contiguous pixels of intensity equal to or less than the current pixel intensity. The component is to be powered by an auxiliary power rail and determines the setting based on the value at auxiliary power good. The contact element is locked in the housing for each pole at a locking step arranged in the interior of the housing such that a motion of the contact element against the plugging direction is limited by the locking, wherein said locking step is formed by an irreversible deformation of housing. Therefore, signal-adaptive filter smoothing is introduced in the second encoding process or a corresponding decoding process.

1459826222-37c77833-5829-43fc-9835-8dbf729fb0cf

Assertions of sentinel nodes within a device may be used to calculate device power consumption at runtime. According to the invention, in order to pick up the supplementary product, holding elements driven along a circulation path have at least one suction element. In another embodiment, a server initiates requests the user of an electronic device to input data and the data then transmitted to the server. When the cleaner-equipped cartridge is attached to the first- to fourth-stage image forming sections, an image forming operation is controlled under an image formation condition for a cleaner-equipped process.

1459826222-449a13ca-6a94-4aaf-8616-0618048dfaba

A computing device prompts a user to supply installation parameters for joint installation of an operating system and core software on a server device, and stores, in a memory, the installation parameters received from the user. An expandable hinge at the interface of the door panels allows the lower panel to move vertically when the door is in the lowered position with the upper end of the lower door panel is spaced from the lower end of the upper door panel. The drive unit is gearlessly constructed and has an electronically commutated multipole motor.

1459826222-480c9a56-462f-4516-a260-33c947558504

A method for coating the tip of a mechanical resonator for use in magnetic force microscopy and magnetic resonance force microscopy in which the tip is coated with a ferromagnetic material and the cantilever is not, and the product resulting from the method. The edge trim protects the film from damage during a stretching operation, wherein clamps, clips or hooks of a tenter frame are attached to the edge regions of the film and the film is stretched in the transverse direction. As a result, various video information and functions provided with Presentation Language data by a recording medium can be realized at a digital television set being able to accept Presentation Language data. These internal pegs are electrically connected to the bonding pads on the die via conductive medium. A confectionery product containing oils of the invention is also described. However, when conventional game consoles are connected over a local area network, they somehow inhibit audio communications.

1459826223-354e8812-fa61-4d0d-832e-ea082a98944d

The invention relates to an image-formation optical system capable of achieving wide-angle arrangement and compactness at the same time and an imaging system that incorporates the same. The parameterization is based on information in the received signals. The second side is shaped to attach to a bottom part of the climbing tree stand. The microprocessor determines first and second filtered voltage values based on the first and second plurality of voltage values, respectively. The DC voltage input stage includes at least two current-carrying lines and an EMC filter including interference suppressing capacitors and interference suppressing inductors, and surge arrestors configured to divert overvoltages with respect to ground are connected to the current-carrying lines after the EMC filter, from a point of view of the DC voltage source. The first magnetic portion is opposite to the second magnetic portion.

1459826223-59d0186a-3c2e-46f5-99e4-01c0c8b0954e

A metal sheet includes a surface and a tubular extension projecting from the surface of the sheet. The first information holding unit holds process identification information and authentication information which are associated with each other. The front forked portion of the valve-core engaging member includes a recess formed therein for accommodating a plunger of a Schrader-type valve therein to allow the forked portion to be positioned over the plunger in the valve to provide for engagement of the cooperating forked portion of the valve core. When performing ray tracing, the image processing system may only need to traverse rays issued into the three-dimensional scene through the combined spatial index to determine if the ray intersects either static objects or dynamic objects within the three-dimensional scene.

1459826223-7aa7ae0f-32de-4878-839c-73e897970e03

An assembly for vehicle deceleration and buoyancy comprises a pair of doors enclosing flotation bags inflatable for buoyant recovery of the torpedo. Such a light engine produces color stripes which maintain stable colors during scrolling, without the use of splitting and recombining filters with low angle sensitivities. The material in raw form is capable of being solidified by photo-polymerization, in particular by means of a light source comprising a laser, or else by sintering, in particular by means of a heat source comprising a laser.

1459826223-8d630f75-8108-4aac-9138-5936010014ec

A system, method and computer program product are provided for equivalency checking between a first design and a second design having sequential differences. % starch selected from one or more potato and non-potato starches wherein said starch comprises at least 28% amylose as determined by size exclusion chromatography if less than 50% of said starch is potato starch or at least 20% amylose as determined by size exclusion chromatography if greater than or equal to 50% of said starch is potato starch; from 5 to 25 wt. A comparator is configured to compare a threshold level and the servo signal, and generate a control level if a level of the servo signal against the threshold level when the OPU is controlled. The guiding part is disposed in the depression portion to be capable of driving the depression portion and driving the link by the depression portion to reciprocate in a first direction. A locking mechanism enables the cargo pallet to be coupled to another cargo pallet. The apparatus includes a tray, mountable to the recording apparatus, for stacking a recording material, a portion to be detected, provided on the tray to permit detection of a position of the tray, and a tray position detecting portion for detecting the portion to be detected.

1459826224-9c3f366a-cfd9-4eca-bcdf-913dc58fb297

The invention provides a symmetric hyperbranched silicone-modified polymerizable compound comprises a compound represented by the general formula. A group can include at least one group leader application server node and at least one group member server nodes. Upon receiving the ID, a comparison is made between the ID of the vehicle and a list of suspect vehicle IDs. In more detail, the mirror

structures comprise a substrate; a first mirror is deposited on the substrate, with an index matching coating between the substrate and the first mirror.

1459826224-b75b7878-514e-410f-b44c-9750cdddca9a

The present invention provides a shear thinning, transparent gel laundry detergent composition, comprising a surfactant system containing surfactant material selected from an anionic surfactant, a nonionic surfactant or a mixture thereof, and from 0. The surgical tools are designed to be customizable or highly selectable by patient to increase the speed, accuracy and simplicity of performing total or partial arthroplasty. The illuminated skateboard also includes a pair of trucks each having a pair of wheels for supporting the deck, and a driver circuit coupled between an electrical power source and the light string.

1459826225-053e34f0-1559-4350-8b81-7ecd9ae7d5b3

A digital television receiving system includes a first known data detector, a second known data detector, and a selector. The delivery system includes a delivery mechanism for delivering the contents of both syringes to a site of application. While operating in a first \u201cinstant on\u201d mode, the dual form computing device provides functionality similar to that of a handheld device, whereby a lengthy bootstrap process and operating system load is not required.

1459826227-5a047cfd-f10e-4284-8989-6d784d99c634

A system and method for performing domain-specific knowledge based metasearches. The file can contain one or more links, each link referring to a target file. The BIN along with a prepaid account number is loaded onto a prepaid card corresponding to the prepaid account. An adapted timing of dedicated data signals is produced based on the first and/or second differences, and the adapted timing is used to receive dedicated data signals. Alternatively, a micro-controller is used to detect the polarity of the sync signals and accordingly provide a reference voltage in order to set the triggering point at the leading edge of the sync signals.

1459826227-c2e65b4f-36bc-4eca-a80d-3a2159df2579

Systems and methods for automating and increasing the efficiency of business processes using inheritance of access/approval rules within an organization based upon the relationship of positions within the organization and the roles associated with the positions. The MgAu alloy forming the electron injecting electrode may contain not more than 85 atom % of Au. The output logic signal varies between the first voltage level and a third voltage level. The control system includes decision aids in a series of knowledge bases that contain the expertise in appropriate fields to provide intelligent behavior to the control system. A metal structure may be welded to the peripheral conductive housing member.

1459826227-db6655b5-44d8-4685-b173-4e33475cac85

The invention relates to oligomer-aryloxy-substituted propanamine conjugates and related compounds. The resonator operates in a zeroth-order mode on a composite right/left-handed transmission line. A printing system is provided having means for printing pixels in the region having the first spot size and means for printing border pixels having spot sizes smaller than the first spot size. The produced wallpaper is delivered to the user who gave out the order by, for example, a door-to-door delivery service. The method includes receiving one or more images included in a predefined area; receiving one or more parameters associated with the image; and integrating the images and parameters into a map of the predefined area to enable mapping the visual path through the predefined area in response to one or more input path parameters. Link support discs are set within a gap between outer surface of the central ball and inner surface of the hollow spherical body and fixed to each end of the lower link, and all the axes of the lower links and the upper link are coincident with a center point of the ball.

1459826228-11c743b9-5e7e-428e-b069-2677993f6f77

Disclosed is a stereo image matching method for re-creating 3-dimensional spatial information from a pair of 2-dimensional images. In addition to identifying and outputting representations of language objects that are stored in the memory and that correspond with a text input, the device provides a learning function which facilitates providing proposed corrected output by the device in certain circumstances of erroneous input. The structure further includes a second FET having a channel of a second compound semiconductor of second atomic proportions resulting in a second band structure and a first type. The present invention simplifies content repurposing, after it has been bridged to a secondary DRM system, but still under the control of the original DRM system. The method comprises AC coupling a fundamental frequency AC-ground of the first differential oscillator with a fundamental frequency AC-ground of the second differential oscillator. Then the amorphous silicon film is further heat treated.

1459826228-91b9886d-f4c4-4ea2-9c9d-6a9d04655bba

An artistic color gamut display is generated by obtaining maximum and minimum values for an RGB signal. The end of the anchoring rod, which is screwed into the coupling sleeve, comprises a section which has a reduced diameter in comparison with the outer diameter of the anchoring rod. The method further includes a step of separating at the level of the embrittled zone the superficial part of the block from a remaining part of the block from the separation initiator, wherein the separation step includes at least one of a thermal treatment and the application of mechanical forces acting between the superficial part and the embrittled zone. The mass flow rate is determined from the quadrature component. The apparatus then performs screen processing on the image data including the edge that has undergone the density correction, and performs smoothing processing on the edge in screen data obtained through the screen processing.

1459826228-c9127952-e526-4030-bf5d-99263e27ae02

Disclosed is a light sensitive photographic element comprising a support, a convergent micro-lens array, and an interposed light sensitive silver halide emulsion layer unit. At least some of the illustrative embodiments may be a method comprising a computer system performing an operation on an electronic file and determining that the computer system is proximate to a first mobile telephony device. This can prevent the lower end of the coil spring of the vehicular suspension system from lifting from the spring seat when the coil spring is elongated, thus preventing any degradation in the turning performance. The moving element is in contact with the rail. For example, the carrier gas flows inward over the film precursor, and vertically upward through a flow channel within the stackable trays and through an outlet in the solid precursor evaporation system.

1459826229-243298b7-b18c-423d-8b43-b4417cff0e49

A method and apparatus for moving a gate a distance in a predetermined period of time. The nozzle includes a nozzle body, a heater, a tip, a tip surrounding piece. First and second axial ends of the compression ring are chamfered to facilitate compression. The mold assembly includes a seam-forming wall extending between the inner and exterior surfaces. After printing, the cards are transported to a gluing system which applies adhesive to one side of the cards. A piezoelectric actuator with the bracing element is also disclosed.

1459826229-6c44c08b-c365-42e3-956b-ea0f912f307d

A laser includes a first region with a first waveguide having a first diffraction grating, a second region with a second waveguide having a second diffraction grating, and a phase controlling region with a third waveguide and a phase control unit for controlling an effective refractive index of the third waveguide. The device comprises a mechanism for moving the light source array; a light source driver circuit for turning on each of the light emitting diode elements within the light emitting diode element array; and a control circuit for controlling the lighting of each light emitting diode element. The case and scanner are removable

from the main compartment for easy transport.

1459826229-75990905-ddb3-4aaa-80b4-7f954c663287

A method and system is provided for distributing and reusing object identifiers in a distributed database system. The die also includes a first ferromagnetic layer positioned above the MRAM cell array, a second ferromagnetic layer positioned below the MRAM cell array, and several vias positioned around at least one MRAM cell. The first edge device may add a start time to the test data indicating a start of a measurement instance using the test data, transmit the test data to the second edge device over the interface, receive the test data with a receive time added by the second edge device, and store at least the start time and the receive time as handoff performance data. In another embodiment, a current collector material is simultaneously deposited on an anode and a cathode to form an anode current collector and a cathode current collector. The apparatus for use in this method preferably comprises: a pure culture of autotrophic, hydrogen-oxidizing denitrifying bacteria; a hydrogen generator; a flow-through bioreactor; and a filtration unit.

1459826229-ab74b89d-494d-493b-b47a-5ee28d11aa25

The present invention relates to soluble aqueous compositions comprising metal salts of selected polyitaconic acid resins. A method for protecting a room from fire. A plurality of pin receptacles pass through the top surface to receive a corresponding plurality of microchip pins of the microchip. Then, the via is filled with conductive material that selectively electrically contacts the wiring. The diamond monocrystals may also be used as seed crystals and diamond monocrystals provided by vapor phase synthesis on the surface thereof.

1459826230-0dcfa42e-542d-47b7-a873-ef89622e2ae8

A method for forming a metal-insulator-metal capacitor is provided. The system also may include a rotor having a first end positioned within the cavity of the housing and a second end, a plurality of bearings, positioned to contact the rotor, for providing radial support to the rotor, and a turbine connected to the second end of the rotor. A message can be transmitted to multiple destinations regardless of whether the receiver terminals are able to receive LMS format messages and regardless of whether the receiver terminals are manufactured by different mobile communication providers. The bottom side of the second condensate pan is configured to receive the first side of the first condensate pan. Various described techniques may provide nanocomposite dielectric materials with superior nanoparticle dispersion which may result in improved dielectric properties. The shell has a shorter side wall and a longer side wall opposite to the shorter side wall, a card room defined by the shell for receiving a card.

1459826230-4e6bec59-2a06-4c62-834f-f71cbcd365c2

Related arts have failed to realize a data recordingreproducing apparatus having the ability to, while video-audio data is being recorded in a first recording medium, notify a user of the number of second recording media to which the recorded video-audio data is equivalent. The method includes determining a first input based upon at least one entropy source related to operation of the processing device. Any one of a plurality of fixtures, such as a solar lamp or a decorative design element, is removably mounted on the upper end of the sleeve. Compared to a conventional transmitter, transmission line, and receiver system, the end result of amplitude encoded pre-emphasis is superior reconstructed fidelity and quality of the PCM waveform, i. A lip extends downwardly perpendicularly from the proximal edge to cushion the edge of the table.

1459826230-6f2a53f1-8671-46f7-be8d-2df177ecf5cc

An aircraft entertainment system employing a hybrid video distribution system that permits distribution of direct broadcast satellite television programming to passengers of the aircraft. The imprint stamp includes a plurality of layers of



material that are deposited in a deposition order. The invention is suitable for an automotive door. The PC stores the file for production in the corresponding region of the flash memory using the production-processing program. The CMC layer is cured while the blanket is under compression such that the resulting CMC layer has a smooth surface.

1459826231-17a61f35-6460-4a5b-a084-fdd642e587d1

The present invention provides a technique for manufacturing a low cost device that provides a true die to external fiber optic connection. The user selects an option to claim ownership of the public listing offered by an online service provider. An optical fiber is used as a cylindrical lens in order to partially collimate in the vertical axis the optical signals entering and leaving branches of a waveguide. Part of the convex lens portion 8 surrounding the circular flat portion 11 is a convex-lens side face. Therefore, the plate is provided in a vicinity of the light emitting point in order to limit the light beam in the vicinity of the light emitting point, i.

1459826231-37749ae8-f65a-4459-96b9-1f639ff72745

A multimode interference device and a method of configuring the same comprises a multimode interference region having a major axis; and a plurality of ports connected to a side portion of the multimode interference region, wherein the side portion is positioned in a direction other than perpendicular to the major axis. The new and distinct variety has high ornamental value, cold tolerance for short periods of time, and disease resistance. A first portion of the thermoelectric elements are positioned on the child safety seat such that a child sitting therein is positioned thereover.

1459826231-68c91742-8761-4b34-9fd1-370520e2e129

In a system, called an application manager, portable devices can be connected in various kinds of local area networks. In response, the server generates a link to the content for use by the second user. The constituent members are laminated and formed such that a partial passage of the liquid supply passage permitting the first unidirectional valve to communicate with the supply pump and a partial passage thereof permitting the supply pump to communicate with the second unidirectional valve are formed in the laminated state.

1459826231-e71e011b-d9e2-49eb-bb64-facadf8653a1

An image forming device includes a main casing, a unit, a side plate, a positioning member, and a fixing member. The MEMS element is implemented in a layered structure on a semiconductor substrate. A conductive material is supplied through the opening to the through hole provided with the insulating layer so as to form a conductive portion inside the insulating layer. Semiconductor structures including such ternary III-nitride material layers are fabricated using such methods.

1459826232-7c458deb-10e6-42b4-aac8-2bae3b1b20c8

The present invention provides a transceiver for receiving and transmitting data over a network, and a method for testing the same. The output of the compensated clock is used when computing a position of the satellite signal receiver. At least one cable support extends from the frame assembly to the first end assembly and is adapted to support a length of cable wound around the collapsible cable reel.

1459826232-9849786b-8eec-4585-9a07-350d9072f1e1

Apparatus, methods, and computer-readable media are provided for segmentation, processing, and/or feature extraction from tissue images such as, for example, images of nuclei and/or cytoplasm. The method also includes identifying the one or more in-focus regions with highest resolution from the one or more gradient images and selecting one or more corresponding in-focus intensities from the frames to combine into a plenoptic multifocal image with a higher resolution than the eye images, the frames and the one or more eye image sets. The slidable button is

slidably received in the receiving groove, and includes a seal ring for sealing the plurality of ports. The linkage assembly is adjusted between an engaging position and a separating position. The chemical solution is formed in a solution tank from a combination of at least one chemical product and at least one rinse agent. 5\03bc, and weight average wall thickness of about a quarter of one micron.

1459826232-ba27b19a-ee19-4ed3-ace7-ec58fb873ff2

A vehicle operating condition profile can be determined over a given route while also considering imposed constraints such as deviation from time targets, deviation from maximum governed speed limits, etc. The method includes identifying an existing transit point of a transit system and receiving location information including geo-location paths of a plurality of mobile devices. The computing host itself; that is, its hardware and software, is relieved of the duty of network access redundancy and returned to the simple, simplex networking operating mode. 1 to 0, and a polymer block comprising ethylene and an \03b1-olefin of 3 to 20 carbon atoms, having a molar ratio of ethylene units to \03b1-olefin units of from 7030 to 8515, a Mw of 10,000 to 400,000, and having a slope of an intramolecular composition distribution of absolute value of 0. By providing a transponder including an RFID device in or on each of the blades and providing a readerreceiver in or on the tower support of the wind turbine, the readerreceiver can detect the operative RFID devices and/or read data from the RFID devices as the blades pass the tower. Main data recorded in a main data area and linking data recorded in a linking area in each block are scrambled by identical scrambling data.

1459826233-26ae8a50-f58e-4999-a579-3ef3d632e31c

A radio opaque container for communication devices upon a vehicle has a bottom joined to four walls, a pivoting lid sealing upon the walls, a connector from the container to a vehicle, a locking mechanism keeping the lid closed, and circuitry between the locking mechanism and the vehicle that engages the locking mechanism only when the vehicle's electrical system is on. The PCB further comprises electronic circuitry configured to detect the presence or absence of a connector positioned between adjacent PCB fingers. The DC power supply and the output amplifier may be powered by the input current, where the input current is no greater than about 6 mA. The arm members are designed for being positioned in one of the garments to allow the garment to be suspended from the hanging member. Such present invention allows the operators of the operation terminal devices to readily recognize the correlation between the operation terminal devices and information operable therethrough among information handled on an information processing devices. Strands of the rope have indicator fibers or indicator yarn that have a high probability of losing electrical conductivity and thereby indicate a worn cable.

1459826233-5175ae68-49df-452e-879a-5c175321ad55

A system to provide enhanced computational efficiency in a simulation of particle transport through a medium, program product, and related methods are provided. The beam splitter provides a portion of the radiation to a lens system that magnifies any deviation from a best focus position by at least 2\7. The articulation allows the tool and the traction unit to follow undulations in the terrain separately and allows the mobile object to turn by yawing the traction member in relation to the tool.

1459826233-a95f94eb-eb30-4150-82bc-b886e4503c7c

The disclosure provides a zinc oxide anti-reflection layer having a syringe-like structure and method for fabricating the same. A processor executes a computer program to generate a series of database transactions to be carried out at the fault-tolerant node. The output section outputs a data signal into the data communication path, and has a buffer amplifier section for compensating the data signal. Subsequently, the lattice-matched substrate is removed from the composite formed of the substrate layer and the transparent substrate.

1459826233-af968ea0-d256-488d-a9e7-c74b73926971

A power transmission belt comprising cord, elastomeric undercord, at least one pair of opposing v-shaped pulley contact surfaces, and having discontinuous fiber embedded in the undercord, some of which protrude from a contact surface. The polyurethane-polymer hybrid dispersion of the invention can be prepared in solvent-free or low-solvent fashion and with high solids content and requires only a very low level of stabilizing groups. The contact of the surfaces overlaid with metal coating is sufficient to join the first and second substrates to one another.

1459826233-b5c2d82b-e0bd-4a6b-86a2-24f60628127b

A structure and method of forming a capacitor is described. The apparatus checks if character data which is to undergo speech conversion includes character data which is not registered in the dictionary. This construction makes it easy to dispose a mechanical seal device and with this mechanical seal device, the sealed process fluid is securely sealed. A secure run-time platform data checker and a secure run-time checker check the system firmware during operation of the computing platform to ensure that the system firmware or information in the manufacturer certificate has not been altered.

1459826233-cf045ac9-9700-44ad-8cd5-6811210f6a6e

An optical fiber laser has an output that is stabilized to adapt to changes in laser operating temperature. In consequence, a user may log on to the web page server from any web page-enabled device and the server will be able to differentiate for the user links the user has visited from links that have yet to be visited. In an alternative embodiment, the sidewalls each have an upward taper in its rearward area which alleviates the need for a spreader bar. When used, the polymer film includes materials based on polyurethanes, silicones, or materials that biodegrade or erode in the body.

1459826234-60370017-eb23-4f7e-9bcb-cae43a645ccd

An electronic component includes a printed conductor structure on a substrate, as well as a film which contacts the printed conductor structure. The plurality of radiating fins may be arranged at intervals each of which is narrow in comparison with a thickness of each of the plurality of radiating fins. The second repeater also has a plurality of network ports. A controllable drive is disposed in the region of the inlet of the removal element whose drive shaft has a terminal coupling element which can be connected to the coupling element of the screw for secure mutual rotation therewith, and also having a closing piece sealing the outlet of the supply container.

1459826234-9e571b62-acd7-48cc-856c-c7c22f2f6f80

A flexible edge seal is provided for a vacuum insulating glazing unit having a first glass pane and a second glass pane spaced-apart from the first. Multiple arrays of data values are interleaved into a combined array of data that simulates a frame of data for input to a data port such as a video port. The UEs select a code identifier from a plurality of identifiers, such as midambles. By such detection, the vehicle position with respect to the indicator line is determined, the result of which is incorporated into control operation of an automatic transmission, for example. The moving mechanism includes a pair of arms pivotally mounted at one end to the second housing and at the other end to the printhead, and further comprising an extension return spring extending between the other end of the arms and the first housing.

1459826234-d85e653b-a7de-45a4-814b-eeffcceccfb01

Methods, apparatus, systems and articles of manufacture are disclosed to characterize households with media meter data. Subsequently, code words of the second set are written into the data stream pursuant to a predetermined assignment rule, wherein each code word of the second set is assigned to a different segment.

Each of two adjacent side faces has a corner surface therebetween which forms corner edges on the borders to the top and bottom faces.

1459826235-002dd6b7-686e-4e3a-a94e-3a0c14ae3609

A toner includes a polyol-based resin having multiple hydroxyl groups in a molecular chain thereof in which a ratio of epoxy group to hydroxyl group is from 0. A local oscillator supplies signals via a bandswitch which switches the local oscillator frequency range in synchronism with the selection of inputs by the multiplexer. A pocket-like container, for housing useful objects, such as printed products and traveling utensils 15 is arranged on the support structure. The first information element indicates that the wireless access point is capable of providing a plurality of wireless application services.

1459826235-c05f1e4e-8c57-4e00-a89f-563e3abc8a01

A floating chassis support mechanism is provided which can thin a disc reproduction apparatus. A corotron having a corotron element and a corotron shield is provided. The composite element is a separator comprising at least two components and more particularly an elastic portion and a plug member. A rear portion of the seat proper is mounted to pivot relative to the seat back. An attachment base is integrally molded by two-color extrusion molding using a first resin material that forms a base main portion and a second resin material that forms a support portion and is softer than the first resin material. Wherein the list of services provided to a user at the rental space is selected from the group consisting of: laundry pick-up and delivery, propane gas delivery, grocery delivery, pharmaceutical delivery, pizza delivery, and a mobile mechanic repair service.

1459826236-7fcd3151-1187-4573-a0f3-5294f766966d

A writing instrument has a tubular member having a longitudinal axis and an aperture at an end thereof. The plurality of fluid outlets include a first fluid outlet and at least one second fluid outlet. A reference current source is coupled to the first, transconductor, and a feedback loop is coupled to the first transconductor and the reference current source. The writeable control register preferably includes a mode bit selecting the first or second modes. The lower frame rail is formed with an S-bend to correspond to the shape of the unitized automotive frame and includes a bracket attached thereto at the S-bend to increase the section properties of the lower frame rail as required to maintain the section properties of the replaced frame structure.

1459826236-eba66898-e586-40da-9406-e73a52d9be1a

A boat has one or more jet pumps with appropriate water intakes and jet nozzles to drive the boat and one or more outboard motors to drive the boat. Especially, by causing various data transfer to occur at random timing by a plurality of models, it is easy to cause severer than actual conditions to take place easily, enabling to enhance efficiency of checking. The stabilizing rollers are effectively larger in diameter; i. A flashlight beam is cast with a first lamp and reflector assembly, an alternative second lamp and reflector assembly is substituted for that first lamp and reflector assembly and a second light beam of a different configuration is cast with that alternative second lamp and reflector assembly. Further, an operating bolt is provided in the hammer case to be inserted into a concave groove of the connecting sleeve through a guide groove formed in the hammer case. A fraud audit mode is provided on the subscriber data of the HLR in the UE and the core network, and detect, verifies, and stops illegal use in the wireless communications depending on the mode.

1459826236-ec37ea86-980a-49e2-9ec9-aa89a2df84d9

A method is provided that includes pattern-matching portions of a block diagram model as being equivalent, and creation of a common set of instructions in place of the occurrences of the pattern-matched portions to enhance the efficiency of simulation or generated code for the block diagram model, such as by a reduced

image size. The piezoelectric plate may have a conductive coating on one side which is photo-etched to produce an electrode pattern corresponding to the pattern of the pressure chambers in the carbon plate. The invention provides nanocarriers that comprise an immunofeature surface having a plurality of nicotine moieties.

1459826236-ec663fb0-2210-4f77-b485-53d7cd7f217e

In example embodiments, particle collection efficiency in aerosol analyzers and other particle measuring instruments is improved by a particle capture device that employs multiple collisions to decrease momentum of particles until the particles are collected. Subsequently, a destination service server is selected. Toothpaste from the toothbrush tube is discharged into a channel contained within the toothbrush portion and exits between the toothbrush bristles through a non-return valve positioned close to a bristle exit aperture.

1459826237-1f92b998-fd8b-41dd-a647-77548e1c2109

Components suitable for use in an evaporative light scattering detector and other devices are disclosed. The method involves generating a GUID for the file, generating a location identifier that defines a unique location of the file when the GUID was generated, and storing the location identifier in association with the GUID. The reflected beams of light from the disc DSC caused by the radiation with the light spots Pc, Psa, Psb are detected to generate push-pull signals each corresponding to the light spots Pc, Psa, Psb, respectively, in accordance with each of the detected signals. The elongated body portion may have a base surface configured to contact a table surface.

1459826237-975a673f-23c7-4bd2-93c5-5e7c526e83cf

A method and apparatus are disclosed for determining a time to failure for an electronic device. The primary penetrometer is formed as an outer shell having the secondary penetrometer received in telescoping fashion within, which is ejected by a spring ejection mechanism upon impact of the outer shell. An ultra-wideband receiver is structured to receive the training set of ultra-wideband pulses from the wire medium. The integrated circuit die is positioned over the substrate surface and a first surface of the integrated circuit die is placed in contact with the package substrate. An asymmetrical bias on the drainsource areas causes the drainsource area with the higher voltage to inject an asymmetric distribution hole by gate induced drain leakage injection into the trapping layer substantially adjacent that drainsource area. The controller may be applied to control a positioning device in a lithographic apparatus.

1459826237-a03382d0-2224-46ae-a67f-accf77873ac8

A method and apparatus for supporting a closed subscriber group service is provided. A status error indicator is generated within a receive FIFO memory indicative of a frame overflow within the receive FIFO memory. The compressible mattress portion has an integral construction extending from a head end of the bed to a foot end of the bed. The invention can be used in environments to store configuration data for programmable logic devices, field programmable arrays, and many other applications.

1459826237-a96d6a50-6202-4fda-a297-03a6550782c2

A system for determining a high resolution output image that includes receiving a low resolution image and determining an intermediate high resolution image. The system further comprises a controller that is reconfigurable according to the one or more instruction sets received by the system interface. Systems and methods are provided for adaptable provisioning of an application program on a runtime environment of a terminal. The data entry device provide for numerous advantages including allowing the pager to transmit original, non-responsive messages to any of a variety of addresses either selected from a stored address list or input by the user. A thermally conductive strip may be installed within a package by an adhesive or other mechanically means. Elongate tubing is disposed over the polymer

component and is secured with the polymer component.

1459826238-2b2b8adf-8d81-48c2-bf03-6cbdd728e0ba

A bracketing system is provided having two brackets joined by an adhesive material that allows a bridge backing member to be mounted between vertical studs to enhance stability of the wall construction. Since the chip includes a resistor having such a resistance that a dvdt breakdown of the IGBT can be prevented, the IGBT can be prevented from being broken by an increase in dvdt at a site to which the chip is supplied. The seat mounts on the base and supports a child or infant for travel in the vehicle above the base. For each test packet received, the base station passes a signal to the test controller. The dispenser may include an applicator with a hydrophilic foam.

1459826238-8489e96e-5d61-4382-91e3-0f0cdaf7bd9c

An image forming apparatus and an address book process request processing method are disclosed to improve access security to an address book. The system includes a reference database including at least one reference datum. The frame member is integrally provided with resilient leg pieces, and which are retained to hole edges of the mounting hole. The switch is configured to operate with a switching frequency fsw. The thermoplastic compositions of the present invention exhibit improved molding properties, high dimensional stability, high temperature resistance, and are particularly useful in food-grade applications such as dual-ovenable containers. When the gate winding voltage becomes equal to the reference voltage, the feedback circuit is stable and the gate winding current is set to a desired zero current operating point.

1459826239-0e417cc0-6021-40f7-bfe9-96714fdc701a

System for reception, demodulation and processing of location finder modulated signals to demodulated processed location finder baseband signals and processing a voice or data signal with demodulated location finder signal. Before compacting the tires, the tire can be marked with a unique identifier assigned to every tire generator. This construction allows the peripheral control circuits to clock out data stored in page buffers of a first sub-page into output buffers while latching bit line data into page buffers of a second sub-page.

1459826239-5050f973-535a-4eb9-9d88-9867679b7d9e

Disclosed is a film-forming method wherein a manganese-containing film is formed on a substrate having a surface to which an insulating film and a copper wiring line are exposed. The data receiving section periodically receives action data showing an action of a user. Embodiments can include measuring the magnetic field vector and the local gravity vector using quaternion coordinates. A collapsible seat has an L-shaped frame sized to fit within the vertical uprights of the climbing aid and a securing nut positions a pivotable frame of the collapsible seat in either a first stored position or a second erect position. An instrument according to the invention precisely limits the depth of incision, and creates a circular incision around a hair, follicular unit, or follicular cluster in a manner such that no damage occurs to any of the hair shafts. In particular, it has excellent transparency and elastic characteristics.

1459826239-5b50b947-4592-4dbd-b5f7-ee4908492c1b

A foot, toe, and ankle exercise device provides variable resistance to movements in multiple directions. In one aspect, the welding gun has a variable profile insulating boot disposed over the torch barrel of the gun. The liquid crystal display panel is configured to drive the liquid crystal by generating an electric field using a difference in potential between the first electrode and the second electrode.

1459826239-c9f93ee2-1514-4c00-817e-5620959fb9a7

A fiberboard panel is formed from at least one corrugated sheet of molded cellulose

fiber material having alternating ribs and grooves. An electrostatic capacitance of a fiber impregnated with resin is measured, and an amount of resin impregnated in the fiber is measured based on the measurement result. The disk surface has spiral servo information written thereon. The combined non-linear capacitances of the amplifier MOSFET and predistorter MOSFET provide predistortion that promotes cancellation of the distortion or nonlinearity contributed by the amplifier MOSFET alone. Then a forklift is used to lift a fully loaded rack and load it onto a trailer or other carrier vehicle. The moving member is dislocated in conjunction with an operation of the operation portion in such a way as to move the openingclosing member from the closing position to the opening position.

1459826239-cea62f42-1484-4d7c-9447-09a003fc00b3

Techniques for securing transmit opening help enhance the operation of a station that employs the technique. The instrument comprises a proximal end including a handle for the surgeon and supplied with fittings for connection to a source of irrigation fluid and a source of suction. Furthermore, long-term reliability equal to those of regular resin packages is ensured because those portions of an acceleration sensor device which are not used for acceleration sensing are sealed with a resin part.

1459826240-71819c99-26ea-4cf4-bd8a-74835b4707fd

To provide a retroreflective article formed of many triangular-pyramidal cube-corner retroreflective element pairs. A life insurance policy chassis is provided by an insurance company to an asset manager. A second insulating layer is conformally formed on a sidewall and a bottom of the recess. The damping device also includes an impeller member having a mast with a first end configured to operatively attach to the other of the vehicle body and the end gate assembly, and a second end having one or more blades projecting outward therefrom.

1459826240-8e416900-2631-4e54-bd0a-7088b0e5a2d2

A method and apparatus is described for providing a consistent visual appearance of pixels of a display screen with respect to a viewing position. The measurement tool may have a registration interface designed to be registered to a first bony landmark, and a contact feature shaped to contact a second bony landmark. Each of a plurality of interface circuits couples one of the plurality of cable modem circuits with a corresponding one of the plurality of telephones via the POTS interface.

1459826240-cd1ff661-4e4a-480e-b7d4-a80ad82eefc8

Disclosed is a cleaning article to be used while being attached to a holder. An integrated circuit is mounted in the support assembly and corresponding to the circuit board. Transmission succeeds without requiring special treatment of the video signals beyond RF conversion, despite signal attenuation inherent in transmission over the telephone line media.

1459826240-e2a4f8d1-2a44-4e7d-bef4-0f0429bfdc88

Audio signals, such as a music clip, are inserted with detectable watermarks. One of the lower end-effector or the upper end-effector is movably coupled to the arm at a distal end of the arm, and the other end-effector is fixed to the movably coupled end-effector. The expansion joint includes, a section of metal tubing having a sealing surface thereon and a metal-to-metal seal slidably sealingly engaged with the sealing surface.

1459826241-71954fc8-a5b4-461d-b363-ef17fe4227f5

A method for implementing a noise suppressor in a speech recognition system comprises a filter bank for separating source speech data into discrete frequency sub-bands to generate filtered channel energy, and a noise suppressor for weighting the frequency sub-bands to improve the signal-to-noise ratio of the resultant noise-suppressed channel energy. A small software agent, or a low power mode core,

operates so that, while the electronic device is in sleep mode, the low power mode core may be kept alive. Chrysopogon zizanioides Roberty; family Poaceae, named \u2018CIMAP-KHUS 40\u2019 characterised by somatic chromosome number  $4x=40$ , larger stomata, fast growing deep penetrating roots, and seed infertility disabling its spread as a weed. The barrier walls group together resistive heater elements in pairs and form barriers between different pairs of resistive heater elements.

1459826241-9c06abe7-1b60-4509-bec5-34beea138a9e

A seismic communication system suitable to communicate information to an underground device is disclosed. The direct-type backlight unit includes a plurality of lamps installed within a housing. 51 wherein R stands for a monovalent hydrocarbon group and is substantially free of alkenyl groups, a resinous copolymer composed mainly of R\u2083SiO\u2082 units and SiO\u2082 units in a molar ratio between 0.

1459826241-e9a645d0-77b2-4cc8-8171-c5699d04723a

Systems and methods for transforming a logical data object for storage in a storage device operable with at least one storage protocol, creating, reading, writing, optimization and restoring thereof. The primary pump includes an impeller in an impeller chamber, with the impeller chamber adapted to receive fluid from the inlet line. Also provided is a program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform the method steps of the present invention and a computer program product embodied in a computer-readable medium for carrying out the methods of the present invention. The roof ties are pitched to conform to a variety of framing applications. The context data is presented to the user via the wireless device such that the user can make decisions as to where to go, for example. For example, a network service provider may configure a network device, such as a router, to belong to one or more VPNs.

1459826242-a6960e10-8bb7-4cfd-a379-59f7fca8b484

A resid fuel additive is provided that includes a plant oil extract, \u03b2-carotene, and jojoba oil. Each mechanism includes puck secured to an insulator secured in turn to a fixed conductor, an inner ring and a base plate. The buried plate is self aligned to the shaped upper portion of the trench. There is no need for a complex computer control system since the Z-axis displacement is substantially independent of horizontal movement over a coverage area serviced by the platform. A greatest value in the central region of the 2D matrix is found to function as an anchor value according to the anchor matrix, thereby find a fiducial point in the gray-level image. In one aspect, pixels in a block of image pixels are segmented into first and second pixel classes.

1459826242-e1567f2a-2801-4dd4-b783-0ae9a7442ba1

It is possible to provide an SC-FDMA transmission device and an SC-FDMA transmission signal formation method which improve the transmission efficiency of the SC-FDMA transmission signal. An overvoltage suppression system for construction equipment may have a communication network that includes nodes. The retaining member is positioned adjacent to the eccentric assembly such that a portion of the eccentric assembly is within the opening. The instrument IO assistant may provide code generation so that the parsing of an instrument response performed in the instrument IO assistant can be reused. The steering mechanism receives steering inputs from a child steering the vehicle. The flip-flop circuit is for generating a first status signal defining a first relationship between the first output signal and the second output signal.

1459826243-0e401bba-b0ef-4826-b882-b10fcec9af2d

Techniques for puncturing symbols in a communications system are disclosed. A dielectric capping layer having residual compressive stress is formed on the salicide layer by depositing a plurality of PECVD dielectric sublayers and plasma-treating each sublayer. Each input-output circuit has associated features such as a weak pull-up feature, a voltage clamp diode feature, a bus hold feature, an open-



drain feature, a differential input termination resistance feature, and a single-ended differential mode selection feature.

1459826243-77658f74-445c-4f0a-8b7d-2d2c10f0c760

A method for fabricating an active device array substrate is provided. Components or devices are held within the compartments of the carrier portion by a low tack adhesive level layer while a high tack adhesive layer is affixed to the carrier portion to provide means for high speed, low cost automated handling of the packaged components. The grommet bracket includes a groove having a width equivalent to the thickness of the shield cover disposed circumferentially between two flange portions of the grommet bracket. A handle is provided which has a crossbar interconnecting first and second arms. The first and second radio nodes may be using device-to-device communications or a femto network. The synthesis gas is used in exothermic carbon-carbon bond-forming reactions, such as Fischer-Tropsch, methanol, or dimethylether syntheses.

1459826243-b98f7f53-a31d-4375-8f01-a35905459473

A packet data load generator system, and method for testing the PDLG system, includes a Linux-based computer terminal having multiple 1x-EVDO wireless interface cards, e. In the base configuration, a top section, mid section and lower section each have a pair of ladder structures which share a middle flange. An outer or inner reinforcement 5, 8 intended only for ensuring the necessary bending stiffness is provided on the outer and/or inner circumferential surface of the metal tube 3, 9 and made from a fiber-composite layer 13, 13' with fibers oriented in the longitudinal direction of the drive shaft.

1459826243-ec130d7a-8396-4a02-8503-15ae3ae120a4

A run-time executive of an object management system for managing execution of software components in an object execution environment uses a component context object to store intrinsic context properties related to an associated component. A tactile stimulation device, according to one of several implementations, comprises a sensing layer, an actuating layer, and an adhesive layer. The data processing control unit controls the flash memory unit and encrypts, decrypts and stores smart card security data.

1459826244-110013fc-f117-4ff4-8ebe-e829aac06e9f

A semiconductor device exhibiting interband tunneling with a first layer with a first conduction band edge with an energy above a first valence band edge, with the difference a first band-gap. The knotless suture system provides the ability to construct a suture bridge for soft tissue repair and fixation across a medial and lateral row bone fixation anchor configuration while passing the suture system in a simplified method of suture management. The apparel has one or more secondary inductive power coils. A microprocessor is connected to the sensing electrodes and includes a program for determining whether antifreeze is dispersed in the engine oil.

1459826244-1f91bac3-a656-4871-9162-4c7c0371a529

The present invention discloses a security confirmation system which can achieve efficient communication by optimizing an amount of transmitted data, and a method thereof. Next, by a superposition of an infrared transmission image and a CAD data, the processing observation object area and the laser mark are registered onto the CAD data. At another time independent of the execution points 10, 12, the response code 26, 28, 30 is executed to read the event data from the event data store 24 and generate power control predictions and control signals therefrom. The shadow tags are updated on all level one cache allocates and all dirty and invalidate modifications to data stored in L2 SRAM. The ultrasonic image construction unit converts the 3-dimensional ultrasonic image data obtained at the second position into a 3-dimensional ultrasonic image at the first position according to the positional relationship, thereby constructing the 3-dimensional ultrasonic image at

the first position.

1459826244-9e3afe03-ab30-4ac2-ae6c-7fb9433abc21

A reference measuring machine previously calibrated and an object measuring machine to be calibrated are positioned in such a manner that a measurement space by the reference measuring machine is superimposed on a measurement space by the object measuring machine. The gateway is configured to be organized into at least a kernel space and an application space during operation. Movement of each piston is controlled so that combustion energy is transmitted to the rotatable member by the cylinder moving away from the piston. The amplitude control unit may also be configured to generate a bias voltage based on the amplitude of the VCO output signal and a target voltage. At the same time, a drive signal that is output from the driver circuit is excited centered at the midpoint voltage with a small amplitude.

1459826244-f9200094-ea33-4ead-9766-f574190e4135

An inkjet recording medium includes a substrate, a base layer, and a porous ink receiving layer. The plurality of types of electric power tools comprise a plurality of types of battery packs having different rated output voltages and a plurality of types of tool bodies, the housings of which are equipped with an attached part on which each of the battery packs is mounted in a freely removable manner. They are rigidly assembled to one another.

1459826245-87ef097b-5f83-4b7f-ac12-d169a33241b8

The present invention is a method, apparatus and program storage device for providing data path optimization for redundant data paths. The light emitting elements are mounted on the lead frames. Agglomerates of the particles contain gas and so have a bulk density lower than the density of the particles. One or more attachment devices are provided for releasably mounting one or more articles of face protection equipment to the base plate in the space.

1459826245-88890ac0-952a-4b97-b560-1557331879c7

Techniques and systems for centralized access to multimedia content stored on or available to a computing device are disclosed. The substrate includes a base and a wiring pattern formed on the base. The motor is supported by the housing and driven by alternate-current power. The sequence of binarized vectors is derived from the sequence of continuous vectors by utilizing thresholds for determining binary values for each spatial-dynamic relationship. Various other systems, methods, and computer-readable media are also disclosed.

1459826245-a05d2e25-551f-4c86-86e9-9398748cb4f2

A substrate processing method which can reduce the number of particles to be left on each substrate is provided. The wrench's wheel defines an axially aligned through hole extending through the wheel for receiving an insertable end of the socket through the front side of the wheel. The plug is prebricatable in any size, shape, and contour and may be utilized either singly or in a plurality to fill any size void for any application. The modulation frequency is continually adjusted to account for shifts in the probe resonant frequency due to sample or other variations. The third container includes filters for particulate matter and oil products. A plurality of electrodes are carried by the generally circular main region of the mapping assembly.

1459826245-fad08372-fbba-4b00-9a0b-e21e9c361493

A covering device for the load space of a motor vehicle, having a flexible surface structure, is held, in a rollable or extendable manner, on a winding shaft supported solidly with the loading space. The images are stored by utilizing semiconductor fabrication techniques. The chamber may be adapted to store fluid therein. Methods disclosed herein can be used to alter donor genomes from intractable donor cells in more tractable host cells. Cameras are included focussed

on the robotic arm and end effector and images are transmitted to the operator to allow the operator to direct and control the refueling procedure.

1459826246-32573552-aa2f-4139-918f-215132c16f65

Determining a policy parameter for an entity of a supply chain includes establishing attributes of the entities of the supply chain. An inflatable raft is arranged within an interior portion of the hollow shell. A second mesh is arranged to receive the charged particles on a second side and pass the charged particles to a first side, and a second electrode is arranged such that a second cavity is formed between the first side of the second mesh and the second electrode. The operator can easily analyze the cause of the generated error.

1459826246-4e2e92f0-8393-459e-a6fa-e82e4884d99a

Customizing a conferencing system based on proximity of a participant. Such out-of-plane suspension scheme helps such MEMS mass-spring-damper systems achieve inertial grade performance. Each of said elements of said first level list includes said son elements each of which composed of a foreground object and a background object in said second level lists. Additional control logic is configured to determine whether a clock signal is enabled in output control logic circuitry according to the multiple-cycle command and logic level generated in the output logic circuitry. Connection assemblies may further comprise a wringer cup configured to be mounted on the elongate member.

1459826246-508a916a-df80-4b75-8fcb-9d41a2dfb23a

A compressed article of hygiene is formed by a compressed cloth that has been compressed by dehydration or vacuum pressure into a coin shape and that is expandable upon contact with a liquid, and a plurality of microencapsulated beads containing a material. The underwater wide-band electroacoustic transducer comprises of several groups of piezoelectric ceramic units and acoustic window material. The cartridge-supporting body supports the process cartridges and is movable between an internal position inside the main frame and an external position outside of the main frame. The at least one second thread section is formed between the first thread sections to form at least one loosen-proofing section between the first thread sections and has a major radius, a minor radius and a pitch.

1459826246-ca451953-4d25-4ae5-b377-1e1ee80b1421

A video display includes a light signal generator that generates modulated light signals containing video information propagating along an optical guideway. The methods include the steps of forming a mixture of raw material containing CaO, MgO, Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, Mn<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, SO<sub>3</sub>, Na<sub>2</sub>O, K<sub>2</sub>O, P<sub>2</sub>O<sub>5</sub> and F, respectively designated C, M, A, F, T, Mn, S, {overscore }, N, K, P and f, and heating said mixture to an elevated temperature between 900° C. The drill bits have a tapered point along the longitudinal axis at the distal end of the cutting head for guiding the drill bit or are cannulated to receive a guide wire.

1459826246-d60b8ff0-9805-4af5-82bb-56a7ebafad66

The invention is a pop-up device adapted to allow for a number of triggering means and a number of special effects upon triggering of the device. A method for producing a non-oriented electrical steel with low core loss and high magnetic permeability provides a steel that is produced from a steel melt which is cast as a thin strip or sheet, cooled, hot rolled and/or cold rolled into a finished strip. The ink jet recording apparatus may include an attraction device including first and second electrodes facing a surface opposite the conveying surface and configured to apply a voltage between the first and second electrodes.

1459826247-0de7d26b-be1f-45ca-b951-5feae4f91900

An information retrieval system is provided for processing queries for video content. The unloading system can have a sump configuration that includes a foundation having a floor and a foundation footing. The correction value

calculating unit calculates correction values for a plurality of frequency components of the image signal, the correction values corresponding to an aperture value acquired when the object is imaged through the photographing lens. A second conduit extends from within the cabinet to an end exterior of the cabinet and within the endcap.

1459826247-189aa4c3-0c93-4cea-b0da-e6516238e66e

The present invention is directed towards a multilayer golf ball which comprises a core, an inner cover layer and an outer cover layer, wherein the outer cover layer comprises a castable reactive liquid material having a shore D hardness less than the shore D hardness of the material forming the inner cover layer. This configuration allows for the master and slave side managers of the power disconnect unit to be placed physically far apart on the chip, relieving the need to route long power rail signals on the chip. The Group III nitride support substrate has electrical conductivity.

1459826247-215aa65f-6612-40e3-bf42-75147350c4e7

A two-wire serial bus allows bus mastering by any device on the bus utilizing bus pull-ups. In an embodiment, the access requests from the two ports are processed in a single memory clock cycle. The supporting member 30 is supported to be movable in a Z-axis direction between a first and a second spindle headstock 3, 4, and the turret 31 is supported to be movable in an X-axis direction by turret guide rails 33, 33 which are disposed on front faces of the left and right leg parts 30a, 30a. The user gives a response by using a provider response function that inserts messages into a service-side outbound processing chain.

1459826247-c7948615-f896-4662-96e2-9b9e321767fe

A fluid treatment device, system, and process are described that provide a filtered, metal-depleted fluid. The method includes the steps of generating a computer model of desired shape and dividing the model into layers of thickness equal to the thickness of the layers each defining an area of resin to be cured. The tear stitching exhibits a comparatively high rupture strength in response to tension forces applied to the interconnected portions that act on the end portions of the tear stitching. If there is a short circuit between the scan line and the data line, the short circuit can be repaired by cutting the connections to one of the branching subsidiary lines. Unwanted parasitic transistor formation, which can occur underlying the gate structure via the body contact region and the sourcedrain region, is prevented by the presence of the separating STI region.

1459826247-ecf7f8f5-8a4f-4d4e-b47f-85921d702e2c

A foam dispenser includes a refill unit and a dispenser housing. The second paint layer structure is in electrical contact with the first paint layer structure. A chip having an active surface and bonding pads disposed on the active surface is provided. A metal layer is deposited overlying the insulating layer and within the trench and via opening. The second metal wiring layer includes power supply lines each configured to supply a power supply voltage to the amplification transistors of at least two pixel columns, and the amplification transistor of a pixel column having no power supply line receives the power supply voltage from the power supply line via the first metal wiring layer. When any one of the plurality of transaction records within a file is not within the desired category of transaction records, a second flag is set to indicate an erroneous transaction record within the file.

1459826248-6696ed09-fb96-4121-8d20-13b8a0f8372c

A medicated electrochemical oxidation process is used for sterilization/disinfection of contaminated instruments and infectious waste. The electrical connector comprises a unitary structure. Accordingly, a user can actively control the gamma characteristic and the viewing angle of an output image to be suitable for a user's preference and environment. Such attributes may include the position of the subject on the plate, distance traveled over a defined period, the angle and direction of

rotation of movement, spatial statistic, stereotypy score, tremor, wall rearing and rhythmic behaviors.

1459826248-e90d3593-2840-4766-9301-93d6aa5387fe

A fiber optic connector assembly includes an outer housing having an interior cavity. The adaptable filter is connected in at least one of the transmitter path and the receiver path of the transceiver to separate signals from adjacent spectrum blocks to permit use of all of the channels in the adjacent spectrum blocks and to separate signals in adjacent or nearby channels in a shared-channel block. With at least one implementation, described herein, a determination may be made about whether two or more of such sets are unaltered duplicates by comparing integrity signatures of such sets.

1459826249-4d2ca229-6a6e-4d2f-86d5-bc97348e381c

Apparatus is disclosed for viewing computer generated images and for tracking the positions of the user's head and hand. Thus, the performance of the tires on the front wheels can be used to almost maximum potential, providing effective prevention of understeering. Therefore, a user or a player of his own apparatus looks at the game name of the parent device list, for example, and operates a cross key included in an operation key so as to select one desired parent device.

1459826249-7be48ceb-5f05-44a7-9ae7-116e23dcf7aa

A vacuum cleaner is provided including a housing, a nozzle inlet, a suction generator carried on the housing and a dirt cup. At least one abrasive substance is contained in the metal matrix of the other sintered material of the reinforcing element. Electrodes are releasably attached to the inside of the cover of a defibrillator, so that when the cover is removed the electrodes remain with the cover. The present invention has a controllable ratio for mixing  $\text{Ca}_{14}\text{Al}_{14}\text{CO}_3$  with a release agent and a binder. When a STA detects a CSI transmission from another STA preceding the STA in the order of transmission as indicated by the AP index and GrpID, the STA transmits its CSI.

1459826249-bb2eee10-6c90-4f64-8164-3b3fb2dbb3ae

This invention relates to a blend of biodegradable polymers comprising: about 70% to about 80% by weight of at least one flexible biodegradable polymer having a glass transition less than about  $0^{\circ}\text{C}$ . The polysaccharide solution is finely divided by mechanical means into spherical droplets which are allowed to pass through a humid atmosphere and transferred to a capturing medium while controlling the temperature and humidity of humid atmosphere. The catheter includes an insertion depth control mechanism that acts as a stop and provides a tactile indication to the person inserting the catheter tube that a predetermined position has been reached. An interprocess communication manager that allows thread affinity and reentrancy is able to correctly keep track of the logical thread of execution so calls are not blocked in unmanaged hosts.

1459826249-becb2bb1-e708-4c33-9c69-759f8c5e616f

One embodiment having features of the invention is directed to a guide block for an MRI device which has a block body with a proximal face, a distal face, and four parallel passageways extending between the two faces. Reduced fluence rate PDT decreases the likelihood of molecular oxygen being the limiting factor in the photodynamic reaction so that the concentration of either photons or photosensitizer in the target tissue controls the photodynamic reaction. The method can include receiving an activation instruction from an entity remote from the unmanned vehicle; determining whether or not the received activation instruction is valid by performing a validation process; and in response to determining that the received activation instruction is valid, activating the payload. The control unit sets a value of the threshold in accordance with the number of times the write unit has performed writing of the information data.

1459826249-c50ec418-028b-4606-bd39-234aab4ea722

The syringe comprises a detachable syringe barrel connected to a housing. The covering side and end portion lower edges may join one another to form a continuous lower edge of the covering. The 193P1E1B gene or fragment thereof, or its encoded protein, or variants thereof, or a fragment thereof, can be used to elicit a humoral or cellular immune response; antibodies or T cells reactive with 193P1E1B can be used in active or passive immunization.

1459826250-16295e9a-eeb5-416a-94f8-9d0a5283ca08

A battery module includes a plurality of cells accommodating an electrode plate group and an electrolyte, and a single integrated battery case for accommodating the plurality of cells. An alert system according to a preferred embodiment of the invention comprises a telecommunications service network, one or more wireless sensor modules and a control center. An electronic control unit provides speed reducing commands to the left or right rear wheels based on the sensed steering position and sensed wheel speed. The reusable handpiece incorporates a probe oscillation mode to assist when inserting the distal piercing tip into tissue. The operator is then able to remove the ripped lumber from the conveyor. Other embodiments are disclosed.

1459826250-862a1939-99af-4d1c-a83d-3dba1f7ea4bc

The method of making an optical body includes coating a mixture that includes a plurality of cholesteric liquid crystal compositions, and a solvent on a substrate. A fixing member includes features that allow it to be rigidly coupled to surrounding bone and thus hold the stopper member in a cavity within the bone. The junction of the recesses defines an aperture running through the accommodating board.

1459826250-c33bc333-dfc3-42e8-97df-453cbc6db2b7

A luminaire has a concave reflector with an optical center on an optical main axis in an optical main plane. Beneath the conveyor belt is at least one suction chamber by means of which ambient air can be sucked through the perforation holes to retain blanks on the conveyor belt. Because the antibodies or antibody fragments act only at the sites of thrombus formation and do not interfere with the normal activity of circulating platelets, they are particularly well suited for use as antithrombotic agents in a wide variety of applications. Subsequently, the film-shaped optical waveguides are separated from the substrate. The nozzle plate production method as such includes polishing with a polishing agent a surface of the nozzle base; removing Fe in a surface layer area of the stainless material by etching using a polishing agent; and combining chrome with oxygen. The mobile client device associates with the preferred access point to gain desired access to the wireless network.

1459826251-a583c4a9-4134-4614-8d07-4aa025220560

A reliable semiconductor device having a multilayer wiring structure formed of copper as a main component material, which constrains occurrence of voids caused by stress migration. An adhesion force between the rare metal layer and insulating layer can be increased. Furthermore, a method is proposed using series resistance welding for sealing seams in the layers making up the well screen. The trapping layer is disposed on the tunneling layer.

1459826251-b0e1c932-5516-4f72-9d34-b4bdce0be76d

A conventional optical signal processing device had a disadvantage where the temperature dependency of the spectroscopic characteristics of a spectroscopic element causes a deteriorated performance. The driver includes two anchors for managing the tasks, a dispatcher and an agent. The invention furthermore relates to oligonucleotides, compositions, solid phases and kits which may be used for carrying out the method of the invention. The particles of the layered oxide have an average particle diameter of 2  $\mu\text{m}$  or less, and the percentage content

thereof in the positive electrode active material is 5 mass % or less. Such polymers can be used in fabricating light emitting diodes to achieve some of the best device performance to date including high efficiency and blue color purity. Moreover, this invention tolerates inaccurate inputs so that even less skilled people can hum to the system with inaccurate melody and find the target song.

1459826251-f1ab2846-ea75-417d-9246-25f25b6a5c84

The invention provides a system and apparatus by which a workpiece pad is supplied to support workpieces being implanted in a rotating or spinning batch implanter process disk. The rule engine process has access to user-defined conditions indicating whether to generate respective rule message information when applying one or more rules in the maintained set of rules. A driver circuit which is coupled between the drive circuit and a control input of the semiconductor switch is configured to receive the driver signal and to generate, on the basis of the driver signal, a control signal which drives the semiconductor switch. The externally operable trip button includes a handle exposed through the penetration hole and a pusher in one piece with the handle. The base is attached to a body of a magnetic tape data storage drive. The first grid pattern is printed using the first mask.

1459826252-65d29699-a901-462c-9264-709575ddc809

A mixer for an exhaust aftertreatment system, such as a diesel engine exhaust aftertreatment system, is disclosed. The packet scheduler schedules data packets for a given duration, termed a scheduling window. The second part extends from the surface to the first part. A signal conditioner, which can be located up to 15 km away, then uses the detector signal to determine the displacement of the diaphragm, which is indicative of pressure exerted against the diaphragm. The cushion includes an inflatable air bag in, for example, a lumbar-support device. The value of a thermal expansion coefficient of the first supporting member is between those of the optical element and the second supporting member.

1459826252-76503cc7-28cf-4da6-85fa-4ab4b99ad400

An image forming apparatus which is capable of bringing processing devices, such as sheet feed devices and post-processing devices connected respectively to the image forming apparatus, into operable states in timing optimal for carrying out an image forming job, thereby improving productivity and operation rate of the image forming apparatus as well as saving energy. The cab is attached to pivot about a fulcrum between a covered position and an uncovered position. As the cleaning method, one or more of a combination selected from the group consisting of SC-1 cleaning, SC-1 cleaning+SC-2 cleaning, HF03 cleaning, and HF cleaning+03 cleaning, can be used. The surface is subjected to at least two different wavelengths of illuminating light at a particular angle to the surface and the intensity of the light reflected and/or scattered light from the surface is determined using photodiodes. By blasting the substrate with particles, recesses are put into the surface of the substrate in those areas not covered by photoresist. A magnetic field is then generated whose magnetic field strength varies in space in such a manner that a first sub-region of low magnetic field strength and a second sub-region which encloses the first sub-region and has a higher magnetic field strength are formed in the target region.

1459826252-b18dde1-20a3-46cf-8bbd-55febbf9e4c9

A polymeric fluorescent substance exhibiting strong visible fluorescence in solid state. This new technique embodies systematic temperature elevation applied to subsurface formation allowing recoverable hydrocarbons to reach a Newtonian fluid viscosity suitable for extraction. The transgenic knockout mouse with a homozygous FcRn disruption is also unable to absorb maternal IgG in the prenatal or neonatal stage of development. The logic gate includes a high-k dielectric layer and a metal layer. Any one of the field emitters adjacent in one of the first and second directions to another field emitter is at a predetermined distance from the another field emitter in the other of the first and second directions. The computing device is configured to disperse the plurality of first datasets into multiple data blocks

to form  $t$  volumes as part of a plurality of second bit streams such that  $m$  number of volumes contain a complete data set, wherein  $m \leq t$ .

1459826253-00f35594-132d-46e4-8cae-c80b3c33099f

The invention concerns a composition capable of being hydrolyzed by a cutaneous enzyme, glucocerebrosidase. In particular, the frequency selector is a low frequency bandpass filter for free-fall acceleration wave frequencies. The resulting golf ball has high coefficient of restitution at high and low impact speeds and low compression for controlled greenside play. The method can additionally include the step of quantitating the amount of the identified polypeptide in a sample containing the polypeptide. A rechargeable battery system is used to power the operation of both the pump and the fan through separate switches. With generation of the quantization rule taking into account a psycho acoustic approach, the size of an encoded representation of the multi-channel signal can be decreased by coarser quantization without significantly disturbing the perceptual quality of the multi-channel signal when reconstructed from the encoded representation.

1459826253-0480c06b-7263-4510-b5b1-469c35111642

Apparatus, systems and methods for search filtering are disclosed. The tubular retainer has a retainer top, a retainer bottom, a longitudinal axis, and an inner passageway formed along the longitudinal axis and defined by an inner surface. Processing the image could include segmenting the image into multiple segments and using the segments to identify a non-linearity in the image.

1459826254-20a5f251-920c-4d65-bfa1-631ef120dd6b

A modification to musical wind instruments is provided which utilizes placement of interface inserts between sections of the instrument which come into contact with each other during normal operation of the instrument thus eliminating wear on the sections of the instrument. Thus, the one facet and the other facet are respectively a Ga polar plane and an N polar plane. According to the resin composition of the present invention, a reflective board having high reflectance and high heat resistance can be obtained. In either case, the electronic VIN request causes the vehicle hardware to query one or more vehicle electronic module for electronic VIN stored therein, so that output related to the electronic VIN can be provided. Thus, using the method, a flat display device can be conveniently manufactured at low cost.

1459826254-33eb3b85-22cb-478d-8525-0a7d0827fdc0

A base of an optoelectronic device is disclosed. When diagnosing degradation of the ternary catalyst, the downstream air-fuel ratio feedback control unit is stopped or its control constant is set at a smaller value. The outer layers are preferably comprised of open cell foam of a thickness about equal to one inch or so. Both boron and boron carbide thin films were fabricated from single source borane cage molecules using plasma enhanced chemical vapor deposition. A sealing process is applied to the combined web of valve bag material, forming a valve bag section.

1459826254-734712b2-a3fc-4b3e-83e9-b5dd13a99c31

A subscriber characterization system with filters in which the subscriber's selections are monitored, including monitoring of the time duration programming is watched, the volume at which the programming is listened to, and any available information regarding the type of programming, including category and sub-category of the programming. A plurality of semiconductor elements are stacked on a circuit substrate. The black glass aperture element removes diffracted and stray light from the beam without damage to the sample chamber. The bracket has a first window support, and the retainer has a second window support. When an external power is supplied to a heating resistance member of a fusing unit in the image forming apparatus that is in a standby mode, a power supply unit supplies an internal power to a different load in one or more time sections so as to supply the internal power



to the load at a continuously changing operating frequency.

1459826254-f0735bfa-e96c-4365-bb85-421f33775b80

Crystalline forms of imatinib mesylate and their respective characterization are disclosed. In response to increased pressure in the container, the head of the self-closing valve to flatten and partially invert, thereby opening the dispensing aperture. Multiple transmitting and receiving components are available on the vessel for communicating with a variety of different communications systems at the remote sites. A plurality of microspaces is formed on the surface of the substrate.

1459826255-72f6431c-dacb-4c2d-82ce-b0fae4aa3afd

The invention relates to a deformable endoscope that has one or more lightimage transmission passages and in which at least one additional instrument is provided, wherein the unit of endoscope and additional instrument has a non-round cross-section along a longitudinal section to be inserted into a human or animal body orifice. Each of the upper panels includes a circular groove for use in the engagement of a crossbar of the cowl crossmember, inner and outer flanges formed at opposite lateral side edges thereof, and a coupling hole formed at the front portion thereof for the fixing of a steering column. The rails include support legs and further include front rails that are deployed generally parallel to the sides of the fuel truck to provide a physical and visual barrier when the fuel truck is dispensing its load. The measured intensities reflect the energy distribution of the radiation beam incident upon the moderator. A via etching process using the second photoresist as a mask is performed to form a via hole passing through the dielectric layer. Additionally, the installation location of the particular smart hazard detector may play a central role in how various settings of the smart hazard detector are defined and adjusted over time.

1459826255-caefef70-9c99-4934-9355-c4da48f8b349

Provided herein is a self-adhesive radiant heat underlayment that may be utilized in flooring and/or outdoor applications. The coordinates of at least one of the feature points are adjusted to increase an accuracy in determining the dimension of the reference object. Then, three-dimensional processing is performed on a plurality of images such that the parallax of the determined main object is the minimum, thereby generating an image for three-dimensional display. An agenda item included in the previously-created meeting agenda is retrieved, as a result of starting the meeting timer. O-rings line inner circumferences of the support grommets to seal between the support grommets and fasteners. This compound exhibits excellent photochromic properties, such as small initial color, a large fading rate, excellent resistance and developing a color tone of a neutral tint.

1459826255-eb93c7e6-d658-4c59-b6e7-0a39f6be9c4d

A message flow environment permits a developer to define a debug session in which nodes in a defined message flow have a debug function. The reception state of the received signals is detected, and when the reception state meets a prescribed condition, the range of delay time in which a search of arrived radiowaves is performed is modified. The transducers can have the ability to interchange their functions from emitting to sensing.

1459826256-2aa3379e-8030-416e-9353-77ff03cc6e53

A method and apparatus to detect and filter out redundant cache line addresses in a prefetch input queue, and to adjust the detector window size dynamically according to the number of detector entries in the queue for the cache-to-memory controller bus. A bad block identifier module identifies one or more data blocks on a solid-state storage element as bad blocks. This embodiment analyzes the executing computer program to determine whether enough information is presented for assistive technologies to work properly with the computer program. The air diffuser has a central opening facing the tamping end of the bellows and at least one side opening.

1459826256-51afa7d7-a2a8-43c5-815b-d13bb584ff6e

A method and system for providing a fluidic interface to slides bearing microarrays of biomolecules or other samples immobilized thereon to perform a variety of chemical reactions or processing steps on the slide. The ultrasonic flow meter includes a first ultrasonic transducer disposed about a fluid flow path, and a pressure balancing system configured to pressure balance the first ultrasonic transducer relative to a fluid flow along the fluid flow path. When directed perpendicularly upon tops of the plant leaves, 10% light transmission occurred through the leaves for the 30\xb0 LEDs, and 80% light transmission for the 15\xb0 LEDs.

1459826256-dca2b9fe-34c5-4854-8113-f68eabf4e511

Apparatus for localizing production errors in a photovoltaic element which is formed substantially by a semiconductor substrate in the form of a wafer, on opposite main surfaces of which are arranged electrical conductors for transporting electrical charge carriers. In an embodiment, ground traces may be coupled to a common or ground plane via dampening elements such as resistors a predetermined distance from a non-dampened coupling. The deployment tool includes a handle, a contacting section, and an extension that extends between the handle and the contacting section. For arrhythmias with no therapy delivered, observation of arrhythmia behavior at the point of termination may lead to improved classification. The condensing condition output couples to the inhibit input to inhibit the motion as a function of the sensor outputs. The printing apparatus provided with three different color inks, cyan, magenta yellow, as the multiple chromatic color inks, enables color images to be printed.

1459826257-58e6c5a4-fe8e-42d1-9d07-874fd054956e

A damping arrangement for guide vanes, in particular for guide vanes of a gas turbine or an aircraft engine, is disclosed. An initiating terminal receives input of a customer's request to purchase a specified amount of prepaid telephone services and receives input of the customer's designation of a financial account from which to electronically debit the price of such purchase. The second RF device is configured to operate by changing channels within the frequency band. Also disclosed is a golf cup including a cylindrical housing and a golf cup bell as described above. The threshold state of the floating gate of the memory transistor determines the logic output of the memory cell.

1459826257-be3b0c74-2438-4585-a5a5-0db09f03c120

A large mode area optical fiber includes a large diameter core, and a first cladding wherein the difference between refractive index in the core and the first cladding is very small, thus providing a very low numerical aperture core. The panel also includes multiple spaced-apart vertical members extending between and interconnecting the upper and lower horizontal rails. Then, a heat treatment is performed for a stack, and thereby direct bonding via an atom is formed between the buffer layers. The self expanding segment expands to conform to the flared ostial and aortic regions of the vessel. The primer is located inboard of the second end and the base seal to reduce the likelihood of accidental activation. The object of the invention is to insert windows in exactly predetermined parts abovebelow individualall flat conductors of a multiconductor flat cable, which windows are distinguished by clean and accurate contours and furthermore ensure good positional stability of the conductors.

1459826258-b9a5d941-7cc2-4c91-8b92-20c5152fd78c

A user conducts a telephone conversation without speaking. The piston engine is equipped with a valve actuator permitting variable opening and closing times. The characteristics include modified bristle length, material characteristics, angle, grouping and grouping shape. Ports between the cavity and the reservoir and the reservoir and the exterior of the hydrophone allow static pressure communication

between the cavity and the exterior of the hydrophone.

1459826258-d309f4f5-07bb-4452-a7f2-335e00e038c1

The present invention relates to new rifaximin forms kappa, theta, rifaximin:piperazine cocrystal 1 and rifaximin:piperazine cocrystal 2, methods of making same and to their use in medicinal preparations and therapeutic methods. The integrated circuit comprises power management logic operable to receive notification of a dynamically set power limit value and operable to dynamically regulate the integrated circuit's power consumption to comply with the dynamically set power limit value. The buoyant body, which is attached to the sensor system or which can optionally house one or more elements of the sensor system, keeps the sensor system essentially floating in a body lumen liquid. Regions of the impurity implant may comprise boundaries that are related to the outline of the silicide formed thereover. This reduces or eliminates delays in processing attributable to having to wait for the network device to transition to the active operational state.

1459826259-8c8793cd-daac-4498-bc49-f7dfe7b419ff

The present invention relates to an apparatus, method and computer program for workload balancing in an asynchronous messaging system. The first and second structures are spaced-apart from and in superimposition with the first structure. The compactor cleat also includes a cap member secured to the base member and positioned thereover so as to cover at least a portion of the base member, with the cap member having an arrangement of openings configured to receive the center flange therein. By straining the silicon islands, the hole mobility is increased resulting in increased device gain. The LED device includes a metal substrate, a p-type semiconductor coupled to the metal substrate, an active region coupled to the p-type semiconductor, an n-type semiconductor coupled to the active region, and a wavelength-converting layer coupled to the n-type semiconductor. The vehicle controller deletes the first security data and writes the new security data into the rewritable memory.

1459826260-fda9bc01-c091-4f28-a6dd-7b5486a04620

A mounting apparatus for mounting a data storage device, which has a protrusion thereon, includes a bracket, a fixing member movably mounted to the bracket, a resilient member connected between the bracket and the fixing member, and a latching member mounted to the fixing member. Signals are amplified before they are switched, after they are switched, or both before and after they are switched. The dynamic programming paths are propagated by processing the reference patterns on the active list, and a new active list is generated for the succeeding input pattern. 0 to 75% by weight of at least one reinforcing fiber, andd) up to 10. The nonconductive coating may comprise a medical grade silicone of a specified thickness.

1459826261-4fc69773-57ff-4936-86e2-c0e2a23f4e9f

Embodiments of hybrid microfluidic assemblies comprise at least one microstructure that is formed of transparent material and is substantially free of non-transparent material and further comprise at least one microstructure that is formed of non-transparent material and is substantially free of transparent material. To compensate for this voltage reduction, the voltage applied to the charge storage capacitor in the pixel is increased from  $V_{com}$  to  $V_{com1}$  after the gate line signal has passed. The printhead is driven in a fast scan direction to print marks on the medium along a swath, and the medium and the printhead are movable relative to each other in a slow scan direction to print further swaths. Also provided are high-throughput methods for either confirming methylation-dependent gene silencing, or identifying therapeutically effective demethylating agents, using the ECIST array panels to identify hypermethylated loci, and measure expression levels thereof after cellular exposure to demethylating agents. The abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning

of the claims. The housing is grasped and the thumbwheel rotated with a single hand.

1459826261-5de3d30d-c9db-41e8-91ce-6ec6735dd1df

In accordance with the non-aqueous electrolyte secondary battery of the invention and the process for the preparation thereof, charging is carried out with a combination of a positive electrode provided with excess lithium and a negative electrode in order to cause lithium to be deposited on the negative electrode. A thread translation table maintains physical-to-virtual thread translation information in order to provide such information to structures within a processor that utilize virtual thread information. The switch further includes a traffic management mechanism and a control mechanism. An open frame insert is slid into the two side channels, and a plurality of opposing pairs of walls deflect the open frame insert into bearing engagement with the glass insert.

1459826261-ced10ef3-8df9-4c6f-a737-bc6f342c3ebf

A coil for an electric rotary machine includes a substantially flat bundle of insulated wires wound around a winding axis so as to form a plurality of superposed turns, the cross-section of the bundle in the superposed turns having a long dimension that extends substantially perpendicularly to the winding axis of the coil. The buyer places zero or more items in the online shopping basket before they are given to at least one shopper by the online store. The buckle bodies respectively include: frames; ejectors; hook members making engagement with engagement holes formed at the tongue plates; and release buttons. This invention provides methods of screening molecules that can inhibit the DES enzyme activity of purified DES protein, in order to identify antibiotic molecules that are capable of inhibiting the growth or survival of mycobacteria.

1459826262-68cb310d-c53b-480c-84c9-e8ddaaf9e2e3

The invention intends to provide a method of manufacturing an optical disc capable of efficiently manufacturing a high quality optical disc by a consecutive product line, and to improve productivity in an injection molding step. The holder comprises a frame having an inner periphery defining a first opening for receiving the substrate, and a shoulder projecting laterally inward from the inner periphery of the frame for supporting the substrate in the first frame opening. An embodiment allows a user to specify, either at the time of image capture or at the time the composite image is created, a range of distances that the user wishes to have in focus within the composite image. The first and second pole assemblies are arranged such that the pole face of the first pole opposes the pole face of the second pole. The clock signal generation unit continuously generates the boosting clock signal during a predetermined period in which the imaging operation starts and, after the predetermined period, generates the boosting clock signal during at least part of a blanking period of the vertical synchronization signal and the horizontal synchronization signal.

1459826262-a3195a4c-1b4a-412a-a820-896953499b22

This invention is an information processing device such as a computer, as a host device, and a memory card as an external connection device to be connected to the host device. A drivable vehicle includes a wheel module operatively connected to a vehicle chassis. Metal salts of these compounds are useful as lubricant additives. The price quote is then displayed automatically. Service provider performance data is stored in computer-readable storage media and is accessed by a computing system. A polarization direction of light incident on the spatial light modulator is rotated depending on the magnetization direction of each pixel.

1459826262-a57f9057-b209-4979-ba2e-aaf9c6296583

Methods and systems of establishing a network-based system for purchase and sale of at least one of an option contract and a futures contract to acquire an item or to attend an event, wherein the contract is exercisable upon the occurrence of a

contingency. The inner wall has a number of apertures. The memory system is configured to utilize at least one read threshold value to determine a read data value stored in the memory cell when performing a data read operation on the memory cell. The remaining portion of the result is revealed to the player in an online portion of the game.

1459826262-a87f558b-0cdd-4e20-92c6-23fb528d6ffd

A triarylamine derivative represented by a general formula given below is provided. A stream containing ammonia is contacted with oxygen to form a first product stream in low dissolved oxygen conditions. A controllable actuator is coupled to the pilot valve and enables selective control over the pilot valve which, in turn, controls the state of the main valve. The grill assembly may include a grill body and a plurality of passages disposed therein. In order to devise an improved lowered position, it is provided that the wind deflector has a rest position which is located under the fixed roof part of the motor vehicle roof which borders the rear of the roof opening.

1459826263-1f11d2f8-47f6-45a3-b749-51c96d179c8e

When InP DHBTS are located in parallel to a crystallographical direction of  $\langle 011 \rangle$ , there are several advantages in the aspect of device property such as reliability. The foaming component includes an air sparging element, a mixing chamber, and an air chamber. In addition, the preforms can be plastically deformed to more closely correspond with the desired dimensions of the structural member.

1459826263-282116c7-0e1b-4c88-ba8b-3d69614a412e

A system and method for providing location information and other information about a calling telephone to the caller during a telephone connection in a data network telephony system. The device is inserted by a driving mechanism through both sides of the torn meniscus, compressing the tear in the meniscus between the fins near the head and the wide rear portion, holding the tear together. The processor selects an executable command comprising subcommands. The fifth multiplexer and the sixth multiplexer are used for modulating a signal receiving range of the ADC and thus the touch sensing circuit is easily judge a correctness of a sensing signal. Method includes, if query includes indicia of only single access point, facilitating providing low resolution version of location of device.

1459826263-68dcc025-cdc7-4448-baab-965e936280ec

An imaging system includes a projector, a camera and a filter set of polarization filters. The semiconductor structure comprises a shaped-modified isolation region that is formed in a trench generally between two doped wells of the substrate in which the bulk CMOS devices are fabricated. A set of branch statistics fields is allocated to associate with a branch instruction. The rolling element retainer is further provided with a rolling element rolling channel in each of two external end surfaces thereof. In turn this could reduce hospitalizations for aspiration pneumonia in patients with acute or chronic injury. To achieve comfortable support with easy operation, the footrest has a footplate that may be folded out and that is located in the stowed position approximately parallel, and in the utilization position approximately perpendicular, to the lower-leg support, and coacts with an energy storage device.

1459826263-742c1c3b-1a1f-46ac-8281-26d396bbb75f

Method of processing a transmitted encoded media data stream is received. These seat belt parameters are measured and applied to a predefined decision matrix to detect the presence of a rear-facing infant seat. The method includes representing an arc tangent function in a table that describes elements of the function and employing the arc tangent function to compute phase information for a wireless device.

1459826264-86d4206d-151d-4b6b-9c8e-9a3beb2ea491

1st to nth pairs of transistors are connected in parallel, and each pair of transistors has an upper transistor and a lower transistor connected in series. The processing container can contain an object to be processed therein. The pressure sensing module is located under the pins of the first connector, to sense whether there is pressure applied on each pin of the first connector by a corresponding pin of the second connector, and to output sensed results. Other processing methods to selectively remove non-desired components include distillation to remove polar low boiling point components, filtration through adsorbents selective for sulfur compounds, countercurrent extraction and column chromatography. Embodiments also include flat surfaced claw jaws which may be used to grip a work-piece for secondary machining to remove indentations from the work-piece.

1459826264-93aa45a2-8171-4ac4-81a2-7ffe147f688c

A system for estimating vehicle side-slip in the linear vehicle operating region that includes updating front and rear cornering stiffness signals. The memory circuit comprises a lower metallization layer defining first conducting lines. Based upon the application's or device's behavior, the adaptive flow control protocol transfers the data in a mode that is best suited for the application. Accordingly, a system and method in accordance with the present invention utilizes an at least one extra device on the same die as the first stage to provide an impedance match. The chamber is fluidly continuous with the apertures formed in the matrix plate. The sleeve controls, defines and confines the index matching adhesive and/or fluid between fiber end and connection point by defining the areas and volume actually in contact with the adhesive or fluid.

1459826264-c1a9cac4-4483-4ac2-9004-7789ce9fab76

A process for cooling a hot reaction gas, as formed, in the preparation of phthalic anhydride by oxidation of o-xylene with hot air in a reactor, to a predetermined inlet temperature for introduction into a separator, in which the separation into crude phthalic anhydride and air is then effected, is described. In another embodiment of the present invention, the connector assembly comprises a body member and a ferrule disposed therein, and additionally a guide pin holder comprising at least two open members disposed within the body member and in a cooperating relationship with the ferrule. The output ends of a plurality of fuel cell converter devices are connected in series by the series connection unit. A controller is communicatively coupled to the first data transfer route, the second data transfer route, the third data transfer route and the memory.

1459826265-3d4da059-6ac4-405c-9d15-fbaf13e685ae

A cable port protection apparatus includes a frame that is configured to be secured to a housing of an electronic device, and a cable retention mechanism attached to the frame that is configured to prevent unintentional removal of a cable from a cable port of the electronic device. Alarm systems operations may be facilitated so that Residential Gateway components may simulate traditional telephone network systems that run on 48 VDC powered telephone lines. In accordance with one illustrative embodiment of the present invention a Generalized Probabilistic Descent algorithm may be advantageously employed to provide the improved discrimination. In various embodiments the parameter may be an explicit indication, or it may be implicit. If the device is unable to be charged during a certain period, or the rate of power consumption exceeds at least one set value, the device can adjust functionality of various components and/or applications in order to conserve power until the device is able to be charged. The client-side application running at the remote site receives the same inputs as the operational site application, allowing application problems and behavior to be reproduced at the remote site.

1459826265-7149c801-8fb8-4bf7-96f7-cbb048b7d12d

A new and distinct *Impatiens* plant named HGI-1033-3 characterized by having a typical compact growth, small flowers and a clear white flower color. In one

aspect, the RAN broadcasts an indicator that it accepts traffic volume measurements from access terminals and an associated TVM threshold. At the receiving computer, the source key values are compared with reference key values computed for each predetermined number of contiguous data units in the reference file to determine matches between source key values and reference key values.

1459826265-b3e33db4-df44-476b-b112-32919b29c5db

The present invention relates to a sensor apparatus having a structure capable of obtaining digital values of signal components with a high accuracy using an AD converting circuit with the outputted digital value thereof having a small number of expressive bits. M-Scan, for meandering scan, is synthesized by iterative application of a simple primitive pattern, and analyzed by iterative partitioning. A layer with catalytic activity permeable to protons is between the electrodes.

1459826266-46c3afeb-e637-48b0-92cd-3c508538a870

A test configuration for double sided probing of a device under test includes a holder to secure the device under test in a first orientation, a calibration substrate secured in a second orientation and a probe capable of calibration using the calibration substrate and probing the device under test. When it is determined in step S221 that a network connection request is received, in step S222, a dialog box for confirming a dial-up connection is displayed. The power supply members are disposed in the connecting holes, respectively, and each of the power supply members includes a plurality of lamp connecting parts and an inverter connecting part. Then, a HPM stripping process is performed on the silicon substrate in order to strip the remnant metal. The methods include using biopolymers or their synthetic equivalents combined with a stable source of reactive oxygen species that when applied to or combined with a separate source of oxido-reducing enzyme or catalyst will cause the formation of an activated biopolymer with increased protein binding affinity and microbial control activities. The length of the first suture loop can then be tensioned to re-approximate the torn or damaged tissue toward the anchoring tissue, thereby securely attached the torn tissue to the anchoring tissue.

1459826266-9036207c-c2a4-4d9f-b743-1df87f6fca15

An actuator for an aerosol container having a valve with a projecting valve stem includes an actuator button having an outlet for coupling to the valve stem. The caked sludge on the membranes is removed by intense coherent water sprays directed into the spaces between cartridges of a cassette, without removing the cartridges from the cassette. The back guard article preferably includes an absorbent material and optional elastic. The main plate, the reinforcement plate, and the rim cooperate to provide a weld groove. The first quantity is determined by the camera and a tag number is set to an integer value equal to or less than the difference between the image capacity, in units of space for individual ones of the electronic images, and the first quantity.

1459826266-db5db149-7750-424a-81ee-10c6ac1f4b70

A system and method are disclosed for switching contexts within a spoken dialog between a user and a spoken dialog system. A heat transfer solution is introduced through a supply lumen of the catheter to inflate the balloon in a selected blood vessel; this allows blood to flow through the blood flow passageways of the balloon, from one exterior face of the balloon to another exterior face. A system for displaying patient ECG data is also disclosed. The liquid crystal display is constructed so that when an arrangement pitch of the irregularities of the optical sheet is  $P \times 10^{-3} \text{ cm}$ , a haze value of the diffuser sheet is  $H \%$ , a total light transmittance of the diffuser sheet is  $T_t \%$ , and a pixel pitch of the liquid crystal display panel is  $P_p \times 10^{-3} \text{ cm}$ , the following relationship is satisfied:  $\frac{P}{P_p} \times \frac{H}{T_t} \times 10^3 \geq 1$ .

1459826266-fc806317-18e3-4989-be07-4e6347e58a03

A method, implementable on a multiple-input, multiple-output symbol receiver, includes selecting a hypothesis for a second symbol value U2 from among the set of fixed constellation points, calculating a hypothesis for a first symbol value U1 from the resultant selected U2 value, and generating a first half of counter-hypotheses from interim results of calculating the hypotheses values. In operation without a jacket, the lamp may have a color temperature of about 5300K to 6000K, a color rendering index of at least about 92 and an efficacy of at least about 85 LPW. A second pulse converter receives the synchronization signal in the second clock domain from the first pulse converter and converts the synchronization signal into an acknowledgment signal in the first clock domain.

1459826267-3be8698b-2f46-40e0-9ade-45120b84aaf0

A method, apparatus and system for supporting multiple diagnostic sessions include receiving multiple diagnostic session requests, verifying identification information for each requester, establishing a communications channel for each verified requester, and communicating the requested information to all of the verified requesters via the established communications channels. The back electrode is axially moveable a limited distance by the cylinder. Each station can identify an item of waste, determine the most appropriate container for the item, and facilitate disposal of the item in the appropriate container. Dual augers at each end of the wide pickup provide the force to direct the forage into a narrower path, to enter the bale-forming chamber. The rotary member is pivotal about the fixing member.

1459826267-48329c26-1f46-4372-8dcf-352254b0d08d

Ophthalmic lenses for correcting astigmatism having a posterior surface with a central optic zone, a peripheral zone, and a blending zone therebetween. In one embodiment, a plurality of non-volatile elements are used in providing selective disabling and re-enabling of at least a portion of the debug circuitry. The video telephone is connected with the PSTN, and under circumstances that a receiving party and a calling party are simultaneously using the video telephone, when a receiving party user dials telephone number of the receiving party where by the control module unit is activated to send a signal. The unsoluble sewer sludge and the salts such as ammonium sulfate, nitrogen containing compounds and urea from the aqueous solution left after the ethanol is distilled off are mixed, dried and utilized as fertilizer. Thereafter, the outer duct is positioned about the stacked inner ducts so that two different flow paths are formed. A management server manages the history of configuration change operations it performs for storage apparatuses while a storage apparatus manages the history of configuration changes it makes in itself in accordance with the configuration change operations performed by the management server.

1459826267-55076823-c741-4017-9740-1d5410627c76

A radio receiving apparatus wherein the interference can be minimized and the power and bands can be effectively used in the process of receiving a signal comprising a combination of an impulse signal and an OFDM signal. In certain embodiments, the present invention relates to compounds, compositions thereof, and methods that enhance the ability of mammalian red blood cells to deliver oxygen, by delivering IHP to the cytoplasm of the red blood cells. In response, the banner interface region is rendered with video content. Also, a second fuse couples to a first circuit.

1459826267-e2eada05-54f7-4c04-8616-47a3566b4436

Techniques are provided for representation of designs using a basic design which is then modified by a transformation function. The heat recovery tubes are connected by an inlet chamber to an inlet tube and by an outlet chamber to an outlet tube, which form, together with a heater, a liquid cycle in which a liquid heat exchange medium is recirculated by a pump. Spatial isolation between the high frequency circuits is ensured by an inexpensive and simple configuration using the single



cavity.

1459826267-f6afa55a-4885-4c78-b43d-ed1810550cad

Disclosed are compounds of the formula: . The actuator is provided above a substrate. Application: assistance with decision-making in discrimination, shape recognition. A method for managing an enablement state of an energy consuming load, including assigning an assigned duty cycle to the load, determining a load enabled utilization value for the load, and adjusting the assigned duty cycle using the load enabled utilization value. The displays defined by the display data may include one or more visual elements that graphically indicate an event that includes the transfer of an asset between a source entity and a destination entity.

1459826268-165cd152-e47e-4aa3-a7ac-4e78d1055b92

A telecommunications system is provided that includes a unit for communicating channelized digital baseband signals with remotely located units. A first stopping device is associated with at least one elevator sheave. A flexible wiper for cleaning toner detection windows is attached to an agitator for stirring toner in the toner-accommodating chamber via a fixing member. Standard HTTP servers may be used without modification, leveraging standard media players embedded in mobile devices for seamless media delivery over wireless networks with high bandwidth fluctuations.

1459826268-6cc0079e-4685-464a-bdde-f775c03c8d3d

The object of the invention is a communications system that increases successful call setups, improves resource utilization, and reduces overhead. The systems comprise reactors comprising biomass for degrading perchlorate, and the operation of the systems can be controlled according to novel logic specifications. Methods for producing a maize plant that comprises crossing hybrid maize variety X03B505 with another maize plant. A sensor array may be connected to a monitoring device that may select an optimal sensor element or combination of sensor elements and one or more physiological parameters to be determined. A storage mass is coupled to the announcement service node for storing recorded announcements.

1459826268-8a56f091-556d-40da-9134-b257920f65dc

A computer program of the type commonly known as a \u201cwizard\u201d is disclosed that initializes user interface software for controlling an audio conferencing device. The noise filtering device defines a fuel passage configured to direct fuel from the fuel supply rail into the fuel injector. A side door communications pathway is set up to handle the communal locks separately from the ordinary data transfer pathways through which ordinary software locks get handled. Then, an inter-enclosure link may be enabled between the failed virtual enclosure and another virtual enclosure. 0\xd71017cm3, and a resonator length is not less than 1500 \u03bcm.

1459826269-531c65cc-1a3b-42a3-9694-af7648e5475b

A leaning post seat assembly includes a D-ring having a D-shape and a cross tube disposed in the D-ring for defining a rectangular boundary having long sides and short sides. The user interface receives a data search request. The tube has an open mouth extending through a hole in the balloon, defining an inflation port. The method further includes modifying the request if required to meet the security constraints. Then, the first structure precursor is separated from the substrate, and thermally treated. Methods of chelation of iron and other metals in a human or animal subject are also provided for the treatment of metal overload and toxicity.

1459826269-9aa8a912-8959-4294-ab93-c9ce0d99fa00

In one embodiment, the present invention includes a method for depositing a barrier layer on a substrate having a trench, depositing a liner layer on the barrier layer that includes a surface oxide, electrolessly depositing a copper seed layer on the liner layer, where the surface oxide is reduced in-situ in an electroless bath,

depositing a bulk metal layer on the copper seed layer. Each pixel includes a photoelectric conversion unit, and a semiconductor region arranged below an element isolation region having an insulation film to isolate the photoelectric conversion unit from an adjacent pixel. The total number of matches during all of these accumulation rounds is used to determine if the entry is a winner. In another aspect, multiple eNBs may coordinate transmission of DL resources to minimize collisions of control signaling resources. The dynamic web portal is updated to contain component resources from visited web pages, each having a respective universal resource locator or portion of code with which it is associated.

1459826269-fc1d1a9b-a379-4fcf-9eca-a17690644192

A clipboard is defined by a planar support having a back surface that retains at least one magnet, thereby permitting releasable attachment of the clipboard to a metallic supporting surface. By providing MBMS status information to a controller in the area from which the device moved, the controller in the area from which the device moved can either establish an additional channel to provide the MBMS to the device or initiate a relocation of control of the device to a controller in the area into which the device has moved. The layer has high etching selectivity for the InP cladding layer and remains on the BJ section even after mesa etching. A first logic is used wherein if the circulation of blend stages is equal to a number of blend stages, then a color saturation is performed, and a second logic that if the circulation number of blend stages does not equal the number of blend stages then at least one operand is selected for another texture compositing operation. Inbred maize lines derived from inbred maize line PH5WA, methods for producing other inbred maize lines derived from inbred maize line PH5WA and the inbred maize lines and their parts derived by the use of those methods.

1459826270-14c73b77-c348-4677-aef1-3a6882412f04

A vehicle can be controlled in a first autonomous mode of operation by at least navigating the vehicle based on map data. A pattern of the unit block pattern has a symmetrical shape with respect to a symmetry line perpendicular to the position measuring direction. Transmission of torque to the output spindle can be interrupted based in part on the slope of the current measures.

1459826270-cc4a7388-57dd-4e82-b5f1-95f555982ca1

Various methods and devices are provided for a graft fixation device for fixing a graft member within a bone tunnel. The method includes driving the MEM device in a first polarity, determining when an offset passes a first threshold, and switching from the first polarity to a second polarity when the offset passes the first threshold. The base pad is solid in design with a raised padded section. The retrieved documents are then combined and ranked.

1459826270-d6635837-7c5a-4fef-8264-f5da3f01bfff6

A method of synchronizing first and second streams of a multimedia content program is operable for determining a temporal difference indicative of a relative timing between first and second streams of the program, the first stream being provided to a first multimedia processing resource and the second stream being provided to a second MPR. In general, the effects of any in-camera sharpening are reversed by applying a blurring kernel. This fuel transfer is designed for use during normal operation of the motorcycle without disruption of use or adversely affecting the operation. A pulsed driving scheme enables minimization of heating effects while providing significant therapeutic treatment.

1459826270-f5563d3b-b179-4ce8-9eea-927cfd868fea

A moving bed reactor system is provided. Only two diametrically opposed supports are needed to react the high axial and torsional loads produced or received by the MRI apparatus. An auxiliary printed circuit board containing additional electronic components may be included to accommodate especially sensitive test points. If the command signal is identified as a first command signal, the processor outputs a

first control signal. The optical disk drive apparatus includes a measuring arrangement that measures the frequency of the clock signal, and a setting arrangement for setting the gain in the phase synchronization system proportionally with the frequency.

1459826270-fa05d33b-31c1-487a-99a0-f38f158ba701

A new and distinct variety of blueberry plant, which is denominated varietally as 'EB 8-1' and which produces a large fruit, which is mature for harvesting and shipment in the early season under the ecological conditions prevailing in Yanchep Springs, Western Australia. A series of independent charging and discharging circuits are provided that produce power waveforms having duty cycles that vary from a highest duty cycle to a lowest duty cycle. A method of assembling a wellbore servicing tool, comprising assembling a cement head without using torque to join components of the cement head, and passing a fluid through the cement head into a wellbore. A surface of the structure is positioned for formation of a channel along the curved shape.

1459826271-247b8685-6d1c-4e7c-a6f8-c8c299ce7940

A physical layer device provides both timestamp processing and security processing. For example, the joint context model may be shared between transform units having a first size of 32x732 and transform units having a second size of 16x716. The replaced processor settings are written to memory.

1459826271-5bdf04d8-6708-4bf0-95ce-d4fb966b2302

A medical device includes a catheter shaft including inner and outer catheter shafts, and an expandable balloon carried by the catheter shaft. A determination may be made as to whether the tail skid assembly is to be deployed for takeoff or landing. This method can be coupled with selection to identify B cell clones that produce, for example, antibodies of high affinity or specificity. A controllable oscillator output signal from a CO in the PLL is divided by an N divider in the PLL to provide a divided CO signal. The stope fill barrier is installed and positioned in the stope void from below the adjacent ore.

1459826271-76d199c4-f8c2-4a5d-ab45-16873ff5a9b3

A caster device for attachment to a first and a second member of a frame is disclosed, the members being disposed angularly relative to each other to define a corner of the frame. The DC power unit outputs DC power to the control unit, the bank of LEDs, and the backup power unit. The page-turning mechanism is disposed at the end of the loading mechanism.

1459826271-9cbf7fd6-1bd9-4b94-b529-021540786148

A manufacturing method for a boundary acoustic wave device is provided which includes, an IDT electrode, a first dielectric layer, and a second dielectric layer on a piezoelectric substrate. The computer is further programmed to generate an estimate of a reconstructed image, compensate the partial MR data set for the missing data, and reconstruct an MR image by iteratively minimizing the total squared difference between the k-space data of the estimate of the reconstructed image and the measured k-space data of the compensated partial MR data set. The valve has a first state wherein fluid can flow through the valve as the latch member is moved out of its latching state, and a second state, wherein fluid is prevented from flowing through the valve thus preventing operation of the actuator to move the latch member out of its latching state. The circuit also has an FDD transmit path including a narrowband passband filter. In a specific embodiment the socket has longitudinal slits, a ribbed inner surface, and a threaded outside surface adapted to be received by a collar.

1459826272-73180302-f390-4a3b-891d-a0b5569f0d9b

A system, method and apparatus for monitoring uterine and/or cervical activity indicative of labor in a patient. The image collection system is configured to

collect at least two sets of image data, where one set of image data includes a stronger indication of the reflector than the other set of image data. The first hardware description information corresponds to a first sensor and the changed hardware description information corresponding to a second sensor. Also disclosed is a rotor for an electrical machine, the rotor having permanent magnets fitted into a corresponding module. Alternately, the imaging layer can comprise a substantial monolayer of isolated domains of liquid-crystal material comprising a population of domains comprising a liquid-crystal material having a  $\lambda_{\text{max}}$  between 700 and 800 and having a half-peak width that extends into both the visible spectrum region and the infrared spectral region. 1 to 40 percent by weight of a polycarboxylic acid or a polycarboxylate.

1459826272-c780ad40-0eb6-4b7b-8259-5f5e0b6fb193

This invention provides compositions and devices having structurally ordered nanostructures, as well as methods for producing structurally ordered nanostructures. In a state where the light emitting device is ON, the system controller turns the light emitting device OFF when the system controller drives the light quantity controller to capture an object image. Responsive to a determination of whether transmission of the application may be accelerated, an appliance, intercepting the plurality of files, may accelerate transmission of the application program by applying one or more transport layer transmission acceleration techniques to the plurality of files. A conductive material having a relatively high resistivity may be used to form the active and/or ground electrode plates of the capacitor. The flange face of the wheel hub has a brake rotor secured thereto. The database configuration information is applicable to tune the database to operate on the target system.

1459826273-2f88d7b1-aa40-4fdd-95fd-8da533417ae5

This invention relates to a method for etching an organic insulating film used in the production of semiconductor devices. Accordingly, during a boot-up process, a storage system, upon detecting a system failure event of the storage system, conditions its system memory to reflect a state of the system memory at a time of the failure by processing client requests or commands stored in a non-volatile operations log. The control algorithm and method provides an effective stabilization of the gas discharge lamp's arc throughout the entire operating range of the lighting system. The system will then periodically determine if the conditions have changed, and will initiate the purge if a freeze condition subsequently becomes probable. In this fashion, light rays which cannot be outputted due to being in the shadow of the spherical light source lamp can be outputted as light rays parallel to the optical axis. More particularly, the present invention relates to a tassel protector accommodating at least one tassel, particularly when undergoing high wear operations, such as, but not limited to, machine laundry.

1459826273-5dc4a686-4441-483b-be5f-ff51912a59b7

A control apparatus for an electric power steering system is provided, which controls a motor for applying assist steering torque to a steering line of a vehicle at least according to steering torque signal of the steering line, vehicle velocity signal and motor current signal. The single precursor can be a single photosensitive element or a single laser-engravable print element having a reinforced elastomeric layer. A drive unit contains a driving motor and a step-down gear. Further, steps are provided on inner walls of the cutouts disposed on the sides of the thin plate sections. In this arrangement, local focus and/or magnification errors can be substantially reduced or eliminated.

1459826273-83ffc5e0-9bfe-4543-8f07-7b4cfce050bb

A method of warewashing for the removal of starch is described herein. Each abrasive roller includes an elongate body portion having an abrasive outer surface and may have a pair of mounting stubs permanently affixed to respective opposing

ends of the elongate body portion. Tin compounds may include  $\text{SnBr}_4$ ,  $\text{SnBr}_2$  and  $\text{SnH}_4$ . A lightspot-by-lightspot basis is used in the yellow ring elimination task. Consequently, the present invention relies on the use of a large number of micromechanical links in SSI networks to implement signal processing functions with basically zero DC power consumption.

1459826274-359bb865-a368-4e38-b0a5-dc6dd5c46de0

The invention involves a temperature regulated heated PizzaFood delivery system that can provide a continuous warming solution for pizza and food from the store, to the car and to the customer, in a vehicle, including the ability to be battery-powered, should an electrical outlet not be available. In order to compensate for the uneven amount in the diffracted color components in the exit beam, the exit pupil extender, comprises a plurality of layers having additional diffraction gratings so as to increase the amount of diffracted light for those color components with a lower amount. or higher but lower than  $160^\circ\text{C}$ . Meanwhile, a transfer-managing unit sequentially transfers printing jobs to the printing devices within the number of connections less than the number of printing devices. Related mobile communication devices, telephone switches, and recipient phone call devices are also described. 899% by weight of fillers, thixotropy assistants, retardants and other auxiliaries, and component II comprises: from 0.

1459826274-5cf1eb34-35b0-419f-8fcc-1f7e83480771

An extra-flexible insulated electric wire includes a conductor portion and an insulating cover. In particular the invention relates to devices having a volume element having a larger diameter than the nanoelement arranged in epitaxial connection to the nanoelement. The computing system generates a first hash for the user password. The new instance of the decision network is executed responsive to the command. Two or more jetstreams may also be utilized to direct their jetstreams around a central horizontal axis to provide the cyclonic mixing region.

1459826274-720da7b6-821c-4b59-8040-bff58009dc77

System and method for determining the distance between a radio beacon and a vehicle device passing in the radio beacon, in a road toll system. The distance from a user's reference point to each pixel through the gas is determined. The wing can be rolled up around the fuselage into a small package when deflated for easy transportation, such as by being carried in a duffle bag. The equalizer may receive and perform equalization on a serial input signal to produce the equalized serial input signal, and the eye viewer circuitry may determine horizontal and vertical boundaries of the eye diagram associated with the equalized serial input signal.

1459826274-79324ea3-1938-437c-b176-388bd7432030

A method of performing energy calculations in a power distribution system is provided. A noise-reducing filter is applied to the image frames to generate filtered frames. The basket mounts a stack of screen assemblies provided with respective flow directing trays for receiving filtrates from the screen assemblies. In one embodiment, the printed branches are quarter wavelength transmission lines in a frequency range of 1. The patient bed has a number of height-adjustable elements arranged like a matrix that are individually adjustable in terms of height.

1459826275-1fd781c2-8a55-4ba8-99fe-e7683d07c1be

The seat cover with adjustable cushion apparatus provides for removable fit to a variety of seats. The method includes introducing a volume of the combustible material into a plasma zone of a gliding electric arc oxidation system. The device is designed in such a way that each plate can be recorded with two camera images, wherein a camera image is produced through the arrangement of several mirrors of the mirror means in such a way that one image half represents the right edge and the other image half represents the left edge of the plate over a predetermined length. A mechanism is coupled to the cylinder block which modulates the axial

position of the cylinder block within the housing, varying the size of the bypass flowpath.

1459826275-3a2631a6-da0e-4992-b031-45dc1eebfdd0

An inhibitor composition of *Helicobacter pylori* adhesion in the stomach comprises anti-urease antibodies obtained from eggs laid by hens which have been immunized against H. The apparatus includes a tube fluidly connected to a source of conductive fluid. The first and second phase modulators are driven by the regenerated first and second drive signals.

1459826275-4378dc96-a7bc-4f5c-88b6-ba171491341b

The present subject matter relates to systems and methods for sealing one or more MEMS devices within an encapsulated cavity. The laminate is disposed in a hollow portion in a metal body. The substrates are placed opposite to each other to form a discharge space in between, and electrodes are provided to the substrate. The method also includes altering at least one of sensitivity and the predefined time interval if number of times the searching is performed without detecting the signal exceeds a threshold. The processor is operable to calculate a stiffness estimate for an area of an environment based on an environment model of tool-environment interaction data, create a composite image comprising a stiffness map of the stiffness estimate overlaid on an environment image from the at least one camera, and output the composite image on the visual display.

1459826275-66e12d19-f68c-44d2-ae7b-2027dff5d3a1

A memory array including a conductive line adapted to simultaneously conduct current in at least two distinct directions relative and adjacent to a magnetic junction is provided. A treatment delivery control system is used to directly control multiple subsystems of the cancer therapy system without direct communication between selected subsystems, which enhances safety, simplifies quality assurance and quality control, and facilitates programming. The invention also provides lettuce plants produced from such a crossing as well as plant parts, seed, and tissue culture therefrom. Furthermore, the present invention also provides a semiconductor process to form said semiconductor structure. The work function of a microelectronic transistor can be varied or \u201ctuned\u201d depending on the precise definition and control of the metal types, layer sequence, individual layer thickness and total number of layers. PPE provides approximately twice the refractive power of water and exhibits better absorption/evaporation properties than water.

1459826276-0697be9e-8d64-467b-bdc1-1b838267cc5e

A fixing device includes an elastic rotator and a cooler disposed opposite the rotator to cool the rotator with cooling air. Also disclosed are a system and a method utilizing this apparatus. A signal strength indicator ) is determined for each reading. The gain stage includes a gain stage switch, and is coupled to control circuitry.

1459826276-076914d1-58e9-4130-a81c-fce97ff0f92e

Conferencing between two-way radio devices and telephone devices is achieved using a conference server that has a radio interface coupled to a radio network including one or more two-way radio devices and a telephone interface coupled to a telephone network including one or more telephone devices. To minimize or prevent leakage flow across the chordal hinge seal, a generally U-shaped portion seals between radially opposed surfaces of the nozzle support ring and inner band, the legs of the U-shaped portion engaging those surfaces. An optical RZ signal is obtained as an output because the EA modulator is energized by the provided clock component.

1459826276-42891dc6-763e-4121-ba2d-22099ad5ea3f

One embodiment of the present invention provides a system for processing a request directed to a secondary storage system. The container handling device includes

features that improve safe handling of the container when emptying. Split electrodes extend in the longitudinal direction on another side surface opposite to the side surface on which the common electrode is formed, and are spaced from each other in the width direction of the side surface on which the split electrodes are formed.

1459826276-470a03d9-7d25-421f-aecc-cd9c68716e7b

Various components are provided to manage a clustered environment. The further spring biased fluid control valve affords the shock absorber a firmness vis-a-vis roll stability to the vehicle steering yet provides the consumer a desired boulevard or soft cushioned ride. Upon receiving the statement, the database server executes the statement that invokes the referenced function.

1459826276-5f4b572b-e6e2-4702-a3c6-22646827323b

The present invention relates to novel tablet dosage forms and methods of preparing these forms, which can be used for different classes of pharmaceutical active ingredients posing stability issues in a single unit system. Two peers with knowledge of a common Diffie-Hellman permanent key, Kperm, and the identity and public key of the other peer. The sensors can be pre-installed on new risers, or post-installed sub-sea on existing risers, using a variety of methods.

1459826276-8e0bf6c0-af3a-4d11-ad30-081d5ac68978

A method and apparatus for reducing group delay and/or amplitude errors applied to a transmission signal by one or more transmission filters is described herein. Each ventilation module comprises a fan directed to suction air present below the ventilation structure and blow it vertically through heat exchange elements. The cannula is inserted through a first valve into a heart chamber and through a second valve out of the heart chamber. The invention provides an alternative to the chemical synthesis of the molecule in question {B}.

1459826277-0267d08e-9c03-4503-a5b1-fe5cfddeebc6

A method and system for operating a bus according to a plurality of bus protocols, including a legacy bus protocol. Devices of the present invention comprise a means for inducing a pressure differential on a sample to direct the sample to a test surface. The devices can be used to attach a heart valve ring to a biological annulus. A capacitor electric component acting as a countermeasure against the noise attributed to the electric motor is mounted on the substrate so as to provide a connection between the positive and negative side conductive lines. Segments that are not common are separately filtered.

1459826277-16b86eb7-db2d-445e-bc41-92664a1f5902

First document image data is printed onto a sequence of sheets that includes sheets of a given size, and sheet of a size that in at least one dimension is larger than the sheets of the given size. A small random nudge of the center of the acquisition spiral is used to prevent a link from being established before proper alignment is attained or to correct the alignment of an established link which does not have sufficient alignment to maintain a high bandwidth link. The method further includes the steps of determining an environment of the geographic source of the public safety call, identifying a resource to handle the public safety call based upon the determined environment and forwarding the call to the identified resource. Subsequently, one or more layers are deposited on the cluster of particles with the one or more layers comprising graphene.

1459826277-cc00210a-ffa2-4c27-97c3-055620aa3b19

A solenoid cover includes a solenoid valve housing chamber housing solenoids of solenoid valves that project outwards from a hydraulic unit and a lower space therebelow. A Cold Adder function provides a further component to the data output, that further component having a data value that is based on engine temperature and on elapsed engine running time since the engine was last started. The array may be

used in a number of applications including electronics, optics, and filtration, including desalination. The recording of the rights-managed content is performed according to the digital rights information. The tool is threaded through the guide instrument working lumen.

1459826278-87fceb9c-da8a-4fc4-95bd-9bf09e07d589

An energy management system and method providing a holistic premise energy optimization and energy efficiency reclamation system comprised of an interconnected system of software, analytics and automated process that optimizes the energy generation and storage technologies, energy consumption, energy demand and energy utilization of energy consuming assets within a premise. The advantage of the invention is that a conveyor beam of any desired shape can be obtained in an easy and fast way. The user must still utilize a ladder or scaffold to reach all point on the antenna. In some embodiments, two different networks relay media content of two different types among multiple computing devices. A connection mechanism cooperates between the elongated housing and the body that secures the body to the elongated housing of the instrument upon passing at least a portion of the elongated housing through the passthrough of the body in an assembled position. The memory further includes a protection register comprising storage elements configured to store configuration data of the memory device.

1459826278-9355e1d6-9397-4400-bf8a-c122dc552365

A system and method allow for overriding of a strapping option. The present invention relates to an agent including iodinated organic compound. When a program rewrite unit outputs the rewrite program for the microcomputer B, the microcomputer A executes the transfer routine to transfer the rewrite program for the microcomputer B. Then, the trading system directs the bids and offers to the appropriate exchange where the bids and offers may be automatically matched in the corresponding market. The system also provides for compensation of any QT interval which is calculated following ventricular pacing, so that the QT sensor is operative at all times and throughout the entire rate range experienced by the patient. A further embodiment of the invention is a golf ball having a core, and a cover with a Shore D hardness of at least 58, the ball having a mechanical impedance with a primary minimum value in the frequency range of 2600 Hz after the ball has been maintained at 21.

1459826279-5a9ff1ab-4681-410e-9f97-845bcfe904b3

Disclosed is a pallet loading and unloading sling, termed a SlingBag device, for efficiently transporting burlap bags and deploying them to secure and protect underwater pipelines. Present invention is characterized in that the outer conductor is made of an elongated tubular compartment having an elongated opening along one side of the compartment, and that the inner conductor is suspended within the tubular compartment by means of dielectric support means. According to one embodiment, a plurality of inner support arms extend between the central member and the inertia mass and a plurality of outer support arms extend between the inertia mass and the outer member to support the mass over the cavity.

1459826279-66118e4c-a201-4588-8e6b-48242f73a5a8

A process is managed by creating a future revision of a base. The identity of the external user can then be switched to an internal system user identity, such as by pushing new user information on the user stack or by adding internal user context. To design the differential pressure sensor to be resistant to overloading, the carrier plate is arranged between a first and a second diaphragm plate and has congruent concave depressions on opposite sides in the plane of the plate. In parallel with the operation, the recognition image data generation unit generates recognition image data adapted to a recognition unit in accordance with the drawing command.

1459826279-68c71d6b-514e-4060-bb52-479c28550df9



A reclining chair has a control switch and a control device. In the organic light emitting diode display, an organic light emitting diode device is formed at a front surface of a transparent substrate to radiate a light via the transparent substrate. A corresponding ventilator system is also disclosed. The second auger is positioned between the first and third augers and rotates in the opposite direction and has flighting that is the opposite of the flighting of the first and third augers. The channel state information may be a matrix  $V$  and the cost function may be defined by the following relationship:  $f = \sum_{i,j} a_{ij} v_{ij}$  where  $A$  is a matrix of size  $N$  by  $N$  and  $a_{ij}$  is element of matrix  $A$ .

1459826279-6ca5af1c-a7c5-4821-8262-454ea8b533c7

A cleaning device removing residual toner from a photoreceptor. If the current monitored does not match the current for energizing any of the solenoids, the microcomputer determines that the corresponding solenoid valve is at fault. The method makes it possible to produce adhesive-free three-dimensional structures.

1459826279-7c5444a3-15df-4f19-ae7d-7b5a665ea530

A lithographic projection apparatus including at least one of a radiation system and a projection system having at least one optical member, wherein the optical member is supported by and connected to a mounting frame which at least partially encloses the optical member and which is connected to at least one other component of at least one of the radiation system and the projection system. In particular embodiments, this is achieved by a flare disposed toward the rear of the projectile. A second electrode is formed as a cathode on the electron injection layer.

1459826279-d4591319-6842-48f6-a69a-fd70f5fde5d9

Disclosed is a neutralizing agent for a clostridium bacterial neurotoxin and a preparation method thereof. The composite member has longitudinally extending fibers in a matrix material. Furthermore, in the case where a grid operates abnormally and the energy storage system functions as an uninterruptible power supply, power stored in a battery may be selectively provided to loads according to power remaining in a battery, and thus stored power may be used stably. The patterns for the multi-layer transmission scheme include first and second patterns based on the same cyclic shifts, but where some, but not all, of the cyclic shifts in the first pattern are associated with the same corresponding orthogonal cover codes in the second pattern. The reclining mechanism includes an actuating unit that enables the backrest to move to and remain in any partially reclined position between the upright and fully reclined positions.

1459826279-e05d211e-0a7d-4b3b-a7e5-3c53ea6d9cda

An X-ray inspection system is provided comprising an X-ray source which includes an electron gun and beam steering means for alternately directing the electron beam from the gun in a first direction wherein the beam strikes the anode to produce a beam of X-rays which exits the X-ray source, and in a second direction wherein no significant X-ray flux exits the X-ray source. The eviction engine is configured to move the cache line from the lower-level memory to the higher-level memory. Portions of the connector interact with the casing to provide a seal therebetween to prevent the water and dirt infiltration inside the casing.

1459826280-10b526f3-2101-45f3-9c00-024906c10cfa

The invention relates to a brake application device for vehicles, in particular rail vehicles, comprising a unit for emergency release and a unit for auxiliary release. The chamber is connected to a valve positioned outside the enclosed chamber through which fluid can be dispensed from the chamber. A first terminal array on the first principal surface side includes two types of terminals, functioning either as power source terminals or ground terminals, and a signal terminal. Preferably, the poles have substantially identical pole locations. In one form, an overlying dielectric layer is positioned on the multiple layer ARC to

increase light interference.

1459826280-23d8ae5e-955f-4d98-8164-a5a7cc2cd00a

The present invention discloses processes for generating a hydrocarbon feedstock for biofuels synthesis from lignin via hydroprocessing. The system permits packet switching of voice calls and data calls through a data network from and to any of a LEC, a customer facility or a direct IP connection on the data network. The circuitry may also supply the switch with a control signal in response to the detection of the preselected condition.

1459826280-a2c4985d-281f-4e75-a5a6-62972195ce5f

In one embodiment, an apparatus cascades groups of serialized data streams through devices, and performs operations based on information communicated therein. The zoom lens includes, in sequence from an object side to an image side, a first lens group with positive refraction power, a second lens group with negative refraction power, a third lens group with positive refraction power, a fourth lens group with positive refraction power, a fifth lens group with positive refraction power and a sixth lens group with positive refraction power. The slider is slidably attached to the first sidewall and includes two pairs of slideways, and a pair of resilient arms. If the updated IP address received from the server is the same as the expired IP address, the client device may request the web site information from the previously established connection.

1459826281-00cbcf47-7e98-4adf-8648-759bd42e40b7

A method, system and computer program product for collecting information from a remote application unit and/or diagnosing or controlling the remote application unit. In the method, a substrate has been treated by SAM is firstly provided. 5 or more and, in the case of further catalyst zones between the first and last catalyst zones, the molar ratio of sulfur to nickel in each catalyst zone is not less than that in the immediately preceding catalyst zone, based on the main flow direction of the feed stream.

1459826281-0c734b61-30e1-4b66-9b93-7adab439feb2

A graphical user interface system for a thermal comfort controller. New behaviors are defined for a CSG femtocell base station, and for a base station gateway that couples the HNB to a Core Network. Motion fields are determined from these 3D images and are used during the final 3D image reconstruction for motion correction.

1459826281-2fdb130a-7778-44fe-a582-0f2522bb9cd0

A light source unit capable of considerably reducing the size of a vehicular lamp. The wireless access system includes a wireless access control system configured to maintain an available pool of Media Access Control Identifiers for subsequent use by a base station, remove a portion of the MAC IDs from the available pool, and use the portion of the MAC IDs for wireless communications between a wireless transceiver of the base station and a plurality of user devices. Proximal movement of the slide causes the plurality of segments to contract in a configuration forming a shield about a proximal end of the double ended needle. Also, since the optical information storage medium provides standards for the transition area, it is compatible with existing optical information storage media.

1459826281-d656ff19-b713-46e7-917f-b0ab98a9035a

A guiding catheter for use in medical procedures includes a flexible shaft with one or more audio transducers and a distal tip. When the content to be shared is matched to reference content in the database, sharing may be simply rejected, or rights associated with the reference content may be inspected to facilitate determining authorization. A shielding device, which may be formed on a printed circuit board, protects a magnetic field generated by the inductive sensor from external electromagnetic interference. The inner surfaces of the recesses preferably comprise a groove-shaped and/or stair-shaped structure.

1459826281-ef55cb7e-06bd-426b-8729-7b801b57b068

A bridge device electrically connected to a first AGP bus, a second AGP bus, and a PCI bus is provided. The system may, in different embodiments, be implemented in programming of the implantable device and an external programmer in communication therewith or in the programming of the implantable device by itself. Each of the image patch pairs contains a natural image and a corresponding downscaled lower-resolution image. The dedicated address memory system, in response to the user completing an activation sequence, sends to the first computer a dedicated code indicative of information corresponding to a particular remote location. This causes the oil 12 to be injected into the one-sided-bag-shaped fluid dynamic pressure bearing 10 through an oil injection passage including the injection tube 36.

1459826281-f7f8469b-69d6-43b4-b4fd-7a793f0c904f

A plurality of framework supporting decorative panels. The wafer-prober wafer holder of the invention is constituted by a chuck top having a chuck top conducting layer on its surface, and a support member for supporting the chuck top, and has a cavity in a portion between the chuck top and the support member. The arrival at the probe of a flow instance of interest is detected based on the configuration information. A compensator is connected to the humidity sensor, the temperature sensor and/or the pressure sensor.

1459826282-1df87227-3e58-4e7d-bb46-33d9073a26b2

A plasma sputter reactor including a target with an annular vault formed in its surface facing the wafer to be sputter coated and having inner and outer sidewalls and a roof thereover. The plug can including an anhydrous boron compound, whereby the predetermined period of time is determined by a length of the anhydrous boron compound. The accelerating unit has an acceleration passage for spraying the mixture onto a substrate surface. A heater is connected to the refrigerant source for raising the temperature of refrigerant within the refrigerant source. In addition, a method of producing this structure and a method of forming a useful layer of semiconductor material on the structure. When a packet is placed in the buffer, a timer is initiated for the missing packet.

1459826282-8188dd56-2677-4adf-bb16-77b87e90cb44

A recuperator and turbine support adapter for securing a recuperator to a combustor case is provided. Each 2D layer is displayed at a dynamic mask via micro-mirror deflections projected onto a photoresist to form a layer, which is lowered and the process is repeated to build the object layer by layer. The additional information indicates how many programs are contained in the selected MPEG encoded transport stream; indicates an error in the MPEG encoded transport stream; and indicates a transition point representing a beginning of a program in the MPEG encoded transport stream. Drive signals from the controller to the motor are such that a current flowing in any of the three windings follows a generally sinusoidal waveform.

1459826282-d2fd373b-6664-4153-a6de-f84e91d6bc5f

A flotation device includes an elongate buoyant body and an outwardly extending seat disposed intermediate first and second longitudinal ends of the buoyant body. Data in the dataset is stored in a tuple format including a subject along with at least one other entity associated to the subject. , for sensing physical and/or physiological characteristics associated with use of the clothing or athletic equipment or for performing other functions.

1459826282-e61bdeab-8b59-42d6-93e1-87e4b87967eb

A vacuum lifting device with a contractible and extensible suction tube and a suction cup, which device is provided with a valve house having an interior that is communicating with the interior of the suction tube. A controller generates a probe

enable signal in the presence of the detected connection to the instrument that is coupled to a switching circuit. The address conversion table stores the effective address to which an area in a memory of a processor unit 10 is allocated to each peripheral device 30 and identification information of an access source to which access permission is given, in association with each other.

1459826283-17991660-03a8-4676-892f-c7d83d699043

A display device with a power interruption delay function, comprising a power interruption delay charging circuit for gradually lowering an input voltage to an horizontalvertical processor constant voltage circuit when power supply to the display device is interrupted. A step-up converter configured as a switching converter is provided. The method of the invention involves the steps of fractionating the serum or urine of a denning black bear to produce fractions of varying potency.

1459826283-238cd3a6-ac23-4e75-abf3-ba4e88b89ae6

A transdermal device such as a patch can include a drug source, a porator, and an energy storage device on-board the patch. Carbon-doped semiconductor material portions can be formed by selective epitaxy of a carbon-containing semiconductor material layer or by shallow implantation of carbon atoms into surface portions of the underlying semiconductor surfaces. The knuckles are joined to one another about a third axis of rotation, perpendicular to the first two axes by means of a splined pin which passes through splined holes in the two knuckles. Furthermore, an anti-diffusion dielectric layer is prepared between the low-k dielectric material and the phase change material, which can be used to prevent the elements of the phase change material from diffusing to low-k dielectric material.

1459826283-27ab6187-5a48-4652-93e8-80c8d3dacfbfbb

A registration device for use in combination with an array of print head nozzles and operative to deposit ink on a substrate material. Improved CMA performance is obtained by using a partial trellis decoder to predict 1 bit or 2 bits of the corresponding 3-bit transmitted symbol. A silicon containing layer is formed over the metal layer. The dongle can provide cross-transport authentication for accessories that do not include authentication controllers.

1459826283-2b0ce86e-a022-457c-b198-1ac19d118827

Methods and apparatus for intelligent cache eviction at storage gateways are disclosed. In an alternative embodiment, a booster wheel is positioned above the trackway so as to engage the horizontal surfaces such as the roof of the toy vehicles. In a case of an occupant of small build whose inertia load at the time of collision is small, loads from the upper cylinders and the lower cylinders are exerted on the occupant in appropriate proportions according to physical size of the occupant to fulfill impact absorption at the time of collision.

1459826284-10e143a2-f03a-4e35-8b5e-f7969ed0fd18

The control system establishes an engine warm-up protocol based, at least in part, on elapsed time from engine start. The apparatus is arranged to generate a tag element for each data element, the configuration of the tag element corresponding to the position of the respective data element within the detected data frame. The looping specification may include instructions to repeatedly execute one or more entries in the scan list. The first and second FPGAs are further operative to dispatch and retrieve packets to and from the first and second memory structures. The coarse powder may be added to a cement grinding process or returned to cement material grinding process after the desaltation through washing.

1459826284-2bfe90b4-e970-48a8-a34e-faa694ba0993

A workflow, enterprise, and mail-enabled application server and platform supports distributed computing and remote execution of web applications. In one embodiment, the MEMS device includes a torsion arm that supports an oscillatory body. In this

case, the black layer is formed together with the black matrix in one.

1459826284-5289b746-f0b4-46c0-8bfb-733c02a3553d

A telescopic rail device is provided that includes a first rail, a second rail, and an adapter. A sense resistor is formed in a well region disposed in an area of the substrate between the HVFET and the sense FET. The method also includes filtering, by the processor, the audio signal to generate a band-limited audio signal.

1459826284-544ec494-d667-4ab3-a9ec-3f5097840581

A method of reducing at least one atmospheric oxidizing pollutant, such as ozone, with a reducing agent comprises contacting the reducing agent with the at least one atmospheric oxidizing pollutant, wherein the reducing agent comprises a precious metal-free trap material, such as a zeolite, including at least one trapped atmospheric reducing pollutant, e. The method is adapted to be used for dithering in an image processing system or a computer graphic system. The portable computer processes the time domain digital signal according to the measurement parameters associated with a selected machine identification, and produces a frequency domain digital signal by performing a Fast Fourier Transform and other digital signal processing operations. In the valve open position the inner sleeve is moved relative to the flow control sleeve so that the radial outlet passages are no longer blocked. The outlet port of the first static mixing device is connected to a first inlet port of an interconnecting manifold. To this end, the aircraft wing turbine engine includes a hot flow generator with a turbine engine rotating about a first central axis, a cold flow blower rotating about a second central axis, and a pod surrounding the hot flow generator and cold flow blower.

1459826284-f8c379e0-dc31-4478-b545-3e178cc0593c

Some embodiments include apparatus and methods having an amplifier, a capacitor network coupled to the amplifier, and switching circuitry coupled to the amplifier and the capacitor network. The variable volume chamber may be in the form of a rigid-walled expandable bellows structure or a nonstretchable flexible bag and is attached to the housing so as not to obstruct the entry port for introduction of infusate. More precisely, said method consists in forming said fog treatment mist in the outlet of the cylindrical channel by injecting, at the intake of said channel, said composition into a hot air jet sprayed at high speed into said channel intake, the hot air jet temperature before injection being between 550 and 750 C. A first line of virtualized visible content that corresponds to the anchor value is realized by loading the line into memory from another source. The first transistor is not positioned between a base of the pnp BJT and the first power supply node.

1459826285-12b02a12-ee37-47a3-babf-8a1bcfb7f6b2

A specimen holding device has a plurality of electrodes, and a moving mechanism for moving upward and downward a part of the plurality of electrodes. The printhead includes a substrate and a plurality of heaters arranged on the substrate for heating ink in the printhead to generate bubbles in the ink and eject the ink through corresponding nozzles. A control unit checks the identity of card identification information attached to the time card. In one embodiment, the composite sub-block is not stored, but rather used for computational purposes only. At least one of the first data port and the second data port transmit an alert to the other of the first and second data port when data for communication is detected. The system includes apparatus for circulating a refrigerant in a path, further having apparatus for compressing the refrigerant and generating heat in the refrigerant.

1459826285-5bbe6c47-bebc-4ca0-b42a-0e9bdeedf44e

A unitized component assembly includes a component having an aperture, and a plurality of discrete projections extending into the aperture and spaced apart from one another about the perimeter of the aperture, and a fastener having a head and a

shank extending from the head. In combination these traits set Devon Octavia apart from all other existing varieties of Dianthus known to the inventor. By detecting if the signal generated by the sensor is blocked by the first connecting rod, the thickness estimating device can judge if the thickness of the sheets exceeds a predetermined value.

1459826285-aaf8296f-616b-44e9-b822-16ba77e99e07

A call admission control method which operates under a variety of conditions. Dependence information is maintained in a relatively small map table, with potential loss of information when dependence information exceeds available space in the map table. In one embodiment, the inflatable member is configured as an inflatable ring with a concave outer surface for engaging and spreading apart two adjacent ribs when the ring is inflated. The baffle reduces or eliminates vortices that adversely affect air flow into the segmented debris removal device. Since the transistor ratio can be selected easily, the degree of designing flexibility increases and the speed enhancement is achieved. An adder is coupled to the output of the aligner bypass and the multiplier bypass.

1459826285-b42bb353-808b-4b52-9bb8-a02bd70f6798

The present invention involves selectively breaking down or altering a blocking tissue by irradiating the blocking tissue with a laser irradiation. In order to ensure that the slices are cut in a uniform manner, particularly when using universal slicers that have a simple configuration and are inexpensive to produce, the universal slicer is provided with a tensioning device, by which the positioning plate can be prestressed free from play counter to the mechanism regulating the width of cut. A supporting clip bent from the panel. The cranial band can be worn from anterior to posterior on an infant's head, or side-to-side and the eye guard selectively fitted to the lateral band interior lateral loop.

1459826286-304815fd-48ff-4464-9a6c-cb675702bb22

Methods and compositions for detecting and localizing light originating from a mammal are disclosed. Features are generated from the respective iris images that belong to the aggregation, and a predetermined number of registration features are selected from the features, using authentication performance as an evaluation index. The method determines whether the misfire occurred in the first cylinder based on the first engine speed and the second engine speed. A signal receiver is disposed on the front end of the tray.

1459826286-c65e149f-fabc-4722-bd9a-b49ffa366454

A system for transferring data between asynchronous domains in an SOC includes a slave request generation and data latch circuit, a busy signal generator, a positive edge detector, and a cascaded synchronizer. A first prefetch operation is executed to prefetch and store a first selected set of data units. In one embodiment, side links and a center link can have cooperating members forming a maze-like debris trap and can include a lubricant and/or other barrier material. In addition, a portion of the airbag body 22 expanded toward approximately the outer side in the lateral direction contacts a curved portion 30F expanded toward the inner side in the lateral direction, which is in a deployment portion 30A of a garnish panel 30.

1459826286-e87ed428-1c91-437c-8209-a5cdaa0f1c9d

A variable speed transmission having a plurality of tilting balls and opposing input and output discs is illustrated and described that provides an infinite number of speed combinations over its transmission ratio range. The logic simulation system may create and manage linkable sub-programs for execution by a simulation engine. The TaCrRh leads can be used with hard bias structures formed on a PtMn layer without having increased resistance. Finally, the method and system includes oxidizing the slot except at the bottom of the slot and providing a metal within the slot. The controller controls the driver in either one of a first

operation mode for enabling the zoom lens to stop at an arbitrary position according to the operation of the operation unit and a second operation mode for enabling the zoom lens to stop at one of discrete predetermined stop positions according to the operation of the operation unit. The control center responds to the violation status and other data signals, from one or a plurality of theaters, and provides for reporting of information to one or multiple reporting sites.

1459826286-feba7b25-9845-4780-9b3b-ab1b33b01c2b

A method and apparatus for compressing and transmitting both video and graphics portions of an interactive program guide. The method includes: grouping the physical unit groups into a first and second areas, setting the physical unit groups of the first area in a first program mode indicating that all physical units are programmable, and setting the physical unit groups of the second area in a second program mode indicating that only the first physical units are programmable. In accordance with an alternative embodiment, the reflecting surface is separated from the underlying hinge by a gap formed in an intervening layer, such as oxide.

1459826287-184d545c-5b26-4ddc-896c-b8c27673c59f

A method and system that provides for execution of a first calibration sequence, such as upon initialization of a system, to establish an operation value, which utilizes an algorithm intended to be exhaustive, and executing a second calibration sequence from time to time, to measure drift in the parameter, and to update the operation value in response to the measured drift. The rotational lock includes one of a locking teeth arrangement, friction elements, and a catch spring and spring latch arrangement. The air box also has two dampers, a thermostatically controlled first damper providing controlled access to an updraft exhaust pipe connected to the smoke stack.

1459826287-1bd24e68-ad80-48d4-ab14-b34df8dfd503

A leg support is adapted to be secured to a leg. The spinal fixation device includes a plurality of arm assemblies. The lamps have different PWM onoff periods so that overshoot of a power supply circuit can be reduced so as to keep the entire system power stable. The strong adhesion at the copper-manganese silicate and manganese silicon nitride interfaces also protect against failure by electromigration of the copper during use of the devices. The apparatus further includes a monitor apparatus. The trim mask containing gray-tone features may have regions with different transmissivities or generate varying illumination intensities.

1459826287-56f3d0d7-a03c-4d15-a379-d98ef397afcd

A device for testing a test specimen for surface faults is equipped for delivering a magnetic flux into the specimen and has induction probes measurement sensors. A slope for raising a locking pawl of an automatic or a semi-automatic stop mechanism provided on a slider when the insert pin is inserted into an inverse-opening type slider or an ordinary slider is provided obliquely so as to extend from a front end of the surface of an insert pin to a proximal end thereof. A stab tool cooperates with a valve to unseat a ball from a ball seat so as to bypass the ball and pass through the ball seat. In addition, this receptor is selectively expressed in hematopoietic progenitor cells with long-term repopulating potential.

1459826287-c4fa1ada-b872-4134-8dcf-a38f6e4e13a6

Disclosed is a method for fabricating a thin film transistor. The present invention is also related to a polymer comprising crosslinking units derived from chain-extended polysiloxane crosslinker of the invention and to ophthalmic lenses comprising such a polymer. 0% in terms of parallel transmittance; and the cover has a transparency which is at least 50% in terms of total transmittance and at least 1.

1459826288-22ff93e3-409f-4381-a908-144b1bca1ca1

A countermeasure device includes an emitter having a surface. The onboard computer is capable of communicating to a remote control center by way of telecommunications link. A room temperature curable two-part epoxy adhesive is used to lock the inner and outer door panels together. And, availability of WLANs through which to communicate is ascertained by detecting signals broadcast by the WLANs.

1459826288-3541faf5-4083-407a-9ba4-a8560edd754f

A graphic printing machine and method for a card-type storage medium employs a jet printing head and a controller to perform ink jet printing on the medium. A disk surface has a write head associated therewith. In another embodiment, the universal control signal is transmitted through a wireless interface. The switching circuitry opens when the amount of RF energy reaches a threshold level.

1459826289-a920d543-f359-4ddc-9518-0b3828fa1f56

A gaming system configured to operate a game associated with a plurality of symbols. The protective device cuts off circuit operation when total circuit is overloaded and overheated to ensure safely use of the heater. A pressure chamber provided between the plunger and the plunger body is configured to store hydraulic oil supplied from an oil pump. Additionally, the pointing device has a circuit in communication with the sensor, the circuit disposed within the central housing, the circuit capable of transmitting data to a computer regarding the movement of the sleeve.

1459826289-e92e591d-480f-4118-9cd4-2cf54c824477

An invention that uses a convex shaped tool in the application and smoothing of concrete, but also can be used in other fields where needed where there is a concave surface. A register writing control unit 431 outputs information to the selectors 4321 and 4322 on the registers and the locations in which data is written by the instructions that have issued in one cycle. The matter is removed by discharging from near the tank orifice rim a plurality of jets of the fluid towards the fluid surface center. 5 to 3070, as agent for preventing degradation and/or enabling to protect the colors of said articles and/or providing said articles with crease-resistant and/or softening properties. The URL is displayed according to the user profile record. The motor-driving circuit includes a plurality of H-bridge circuits for outputting driving signals to the motors, a controller for controlling the plurality of H-bridge circuits, a setting section for setting up the controller, and terminals for inputting setting data.

1459826290-63c1970c-c971-4341-88aa-81cf96cd172d

A venipuncture site protector that includes a securement and a cover mounted to said securement. The method also includes determining, for each of the downlink control messages, whether that message includes scheduling information for the primary carrier or for a secondary carrier. The memory device delays the start of the second series of events until the first series of events completes. Thereafter, a connection wiring for connecting discontinuous wirings is formed of the same film as that for forming an electrode provided on the insulating film. The next time a call comes in for the mobile station, the table is traversed to determine if the HLR has been updated for the mobile station. The method can include receiving configuration data in encrypted form within a first die of the multiple dies of the integrated circuit and decrypting the configuration data within the first die to generate configuration data in unencrypted form.

1459826290-b80752b7-ac4b-467d-8bc6-56482e6882d7

The present invention relates to a method of separating multipotential neural progenitor cells from a mixed population of cell types. The invention includes a mold for creating the sweep fittings of the invention. 5 weight percent to about 10 weight percent of the total weight of the polymeric composition. The breakdown voltage in the edge areas of the active regions is increased by increasing the gate length in the edge areas, by increasing the width of the active region below the



gate electrode, or by increasing the non-silicided length of the source and drain diffusion layers in the edge areas. The integrating is based upon predetermined gain coefficients and produces integrated I and Q components in accordance with the predetermined gain coefficients. The cordless curling iron heating system includes a housing which includes a plurality of curling iron sockets, each one of a plurality of heating elements coupled to an associated one of the plurality of curling iron sockets for heating the associated curling iron socket, and a plurality of cordless curling irons which are insertable into a desired one of the curling iron sockets for heating.

1459826292-9b4c49f6-09cf-42c2-82b2-9de92c6a8642

The invention relates to continuous ink jet printing of an aqueous pigmented ink composition recycled from a main ink supply reservoir, employing a printer with a fluid delivery system capable of measuring the ink electrical resistivity, and providing needed quantities of either vehicle replenisher fluid or fresh ink to maintain the desired recycled ink concentration. Ordinarily, components are replaced after they experience a certain number of thermal cycles, or a certain operating temperature limit is exceeded. The computer system includes a region-growing system, an appending disjointed regions system, and an automatic reseeding system, which are configured to accurately and efficiently extract all regions within the input image that closely resemble the desired geospatial feature. The main body weight portion is cast around a portion of the handle to thereby secure the handle to the cast main body portion. One end of each constriction groove section communicates with the corresponding recessed portion, and the other end of the constriction groove section communicates with a circumferential groove. The method comprises that electrodeposition coating is conducted by using an electrodeposition coating composition containing an aminopolyether modified epoxy having a polyether chain of specific structure as an additive.

1459826292-df990487-7767-4042-8952-01fe0c0d22cd

The present disclosure provides a method of manufacturing film member for laser-driven ion acceleration, a film target, and a method of manufacturing the same, so that only the film member exists at a laser focusing point on the film target, allowing repeated ion acceleration from the film member by focusing high power laser beams thereon. The cam switch comprises a holder for at least one switch that is attached to the member. this is mostly due to deep sub-micron effects where coupling capacitances between bus lines are in the same order of magnitude as the base capacitances. This printed circuit end has contacts in the form of an electrical plug at one end of this module. The first identifier is manipulated or altered to produce a second identifier.

1459826293-2c37aff2-d0a6-43ec-8578-c106cea11c40

A polymerization process with elevated productivity using a coordination catalyst, wherein electromagnetic radiation is applied during polymerization. Each pile cap also includes an upper and lower xy plane surface, each of the upper surfaces including y-axis channels and each of the lower surfaces including several recesses. The power for driving the brush driving motor is controlled to provide oscillatory motion subject to operator controlled frequency, amplitude and oscillatory wave shape. Simultaneously, the control device actuates the demodulator for demodulating the modulated sensor signals prior to their transmission to the information display device. The tool then selects a function equivalent to the identified routine from a pool of functions to replace the identified routine.

1459826293-d7022a80-df03-43e9-8c23-9c753475e3be

The present invention provides a media storage case that is configured to resiliently hold up to six media discs on a single hub. In some aspects, a method of wireless communication includes transmitting a first message for reserving a communication medium utilizing a first transmission characteristic such that the first message is decodable by at least a first subset of a plurality of wireless

devices. A plurality of rows of stacked gate structures crossing over the isolation structures are formed on the substrate. The system is further capable of heating an electric heating element thermally coupled to the optical element sufficiently to remove accumulated debris from the exposed face in response to the amount of debris exceeding a threshold. 5% or more and a standard deviation from the average of 35% or less, wherein Mc stands for the chromatographic area ratio of the components having molecular weight of 1,000,000 or more calculated on the basis of the above measurement; and having a W30 in CFC measurement of 1 or less; and a film thereof. The carbon member having the asymmetrical coefficient of thermal expansion also has either a male tang or a female socket with an elliptical cross section selectively oriented to the asymmetrical coefficient of thermal expansion.

1459826294-0f2289e8-dd5a-4609-9c48-3909955bb059

A method of compressing digital ink input including a sequence of strokes is provided. A text to be summarized is segmented. Therefore, the users may utilize the identical tuner, sound demodulation circuit and audio amplifier to receive the FM broadcast programs they want to listen to.

1459826294-1a2c1945-6ef1-4746-b79a-4e7eebb8c236

A system for repairing a pipe including a tool, a programmable logic controller and a patch. A thick first soft underlayer, disposed on the medium substrate, is made of material which provides a low magnitude of magnetization saturation and high permeability. In one method, a realm list of the user device can be used to direct the login to the appropriate home realm of the user. A method for producing a coating, to a structured hard chromium layer, a coating and an electrolyte. Because the remaining first metal layer is removed, etching and/or other damage to the conductive plug and/or the interlayer insulating layer during a subsequent wet etching process may be reduced and/or prevented. The diffusion layer covers the at least one LED and the base layer in such a way that light emitted from the at least one LED passes through the diffusion layer.

1459826294-4076f61b-1c1d-4436-b937-6360c032b7c4

An integrated circuit die is described that includes an array of tiles arranged in columns. The device comprises a signal generating unit that generates high-frequency measuring signals, an injection unit and a surface waveguide, wherein the measuring signals are injected into the surface waveguide by means of the injection unit and directed toward the filling product via the surface waveguide. When the securing clasp is locked together by connecting the male connector of the first portion with the female connector of the second portion, and vice versa, it provides for the securement of an adjoining wristband. The finisher panel is connected to the audio panel such that a lateral edge of the finisher panel is adjacent to the base portion of the audio panel, a side edge of the finisher panel is adjacent to the accent portion of the audio panel, and the support portion is concealed by the finisher panel. The resorbable screw fastener is 100% resorbed in vivo during a period of time ranging from about 14 days to about one year after implantation.

1459826295-ebdb5d86-04a8-44f9-a28c-ed19eb0ded0e

A call center is configured to determine which of a number of designated service states is associated with a particular skill or type of communication supported by one or more agents of the call center. The optical sensor includes an optical emitter and an optical detector configured to be operated cooperatively to output a detection signal indicating a presence or absence of a vial at the predetermined location of the output chute. The URLs used for comparison to the URL input may be collected through multiple channels or from multiple sources, which may be dynamically updated sources, including URLs commonly or newly found on the Web, users' favorite URLs and the like, as well as URLs from a standard URL list or database, all of which may be from one or more multi-lingual domain.

1459826295-f350cc3b-cd3b-4d48-a6b6-3cda0f5de330

A cutting balloon catheter and method of making and using the same. Memory management scripts associated with a wireless application are stored in a registry accessible through a data network for on-demand download and execution. A dry access door and a wet access door are removably attached about the dry chamber and the wet chamber respectively for providing access to the same. The electrical signals are preprocessed by filtering and amplification. Thus, motion blurring may be suppressed and manufacturing cost may be reduced because it is unnecessary to generate the black data voltage separately.

1459826296-09bbdabe-e0de-40ca-97bc-7e9eb241e983

A negotiation-based mechanism enables a user to share personally identifiable information with a requesting website, for example, a third party website such as an aggregator website that might be gathering information about the user. Receivers can be woven, non-woven, knitted or not knitted, or any combination of these, or any other factors, and are contemplated to include fabrics used for clothing, banners, flags, carpets, wall hangings, and so on. The cryptographic key may be used for encrypting the unencrypted information, generating the encrypted information. The invention further relates to a method for producing K2 vitamin, to a method for preparing food products, including fermented products and/or fresh dairy products, enriched with K2 vitamin, and to the food products thus obtained.

1459826296-6fdb309-7638-43a0-9797-7f5cc6dc1713

A process for the preparation of a toner by mixing a colorant, a latex, optionally a wax and a polyamine salt coagulant to form toner size aggregates, wherein the polyamine salt is then neutralized or converted to an amide or hydrolyzed to an acid by the introduction of a base followed by a pH reduction with an acid to enable rapid coalescence or fusion of the aggregates. The printer includes a printer module provided in the door of the first storage compartment and a collector provided in the door of the second storage compartment, the collector being positioned so as to receive a printed document generated by the printer module. The output device includes at least a display device with a substantially rigid display screen. A bank employee at the teller tower performs transactions for a customer, such as depositing cash, performing account inquiries, etc. According to an embodiment, the lens body comprises at least one portion of electroactive material. The service system includes a monitoring center which has the customer database, an operation information database for storing operation information of air conditioners for each customer, and a device information database having device information on the air conditioners related with each customer of the customer database.

1459826297-5767fb5a-752c-45b8-99e8-6ef6ff8d6fab

A display device which can ensure a sufficient adhesive strength on an adhering surface between each of a pair of substrates of a liquid crystal display panel and a sealing material is provided. The universal valve mounting device includes a mounting plate and a valve actuator fastener provided on the mounting plate. The actuator structure has a pair of actuators, and each actuator includes an actuator arm having an actuator element thereon, wherein the actuator arm is movable so that the actuator element may be controllably contacted to at least one of the ramp structures, and a controllable actuator drive operable to move the actuator arm. The frame is clamped at the clamping area while the electronic devices are located in the molding cavities for molding with an encapsulant. The controller monitors the parameter while the condition is varied.

1459826297-cf97c6ac-8d90-4a38-b85c-60698ca3d5a3

A speaker set configured for a portable electronic device includes a hollow shell, a back cover, and a loudspeaker sandwiched between the shell of the back cover. Robotic devices travel on rails within the data storage library accessing data storage devices such as cartridges, cassettes, media packages, media access

equipment, identification devices, access ports and the like. The motion of the pins can be hindered with unwarranted material becoming lodged between the pins and the respective aperture. The usage right includes plural usage rights respectively associated with each of the plural parts of digital content.

1459826299-b9ec44e9-6da9-4273-8cb3-9ce41afde629

The application is directed to compounds of Formula I-A and pharmaceutically acceptable salts and solvates thereof, wherein R1a-R3a, R4, Y, and Z are defined as set forth in the specification. The light guide plate includes a light incident surface. Stacks of sheets may include sheets such as notes, checks or other documents. A remainder of the set of data points represents a compressed set of data points.

1459826300-d3108941-aea7-4902-94fe-eb81468a0a98

A device is used to meter a gaseous medium, in particular air, by means of a plurality of metering valves, into a plurality of components of a fuel cell system used in a motor vehicle. The present method for auto-setting configuration may set a TV configuration based on a TV installation type input via a GUI which receives a TV installation type. The second differential amplifier is configured to amplify the differential input signal and to output second positive and inversion phase output signals. The method receives a lens item. Thus, the DC lighting time is designed to be not changed and stable lighting can be achieved. An end cap assembly is coupled to the end of a shaft to secure a portion of the heating strip.

1459826301-128c4417-5fe2-4bc5-b598-0bbfca0f07ec

A slide rail structure of relative slide assembly includes two slide guide members disposed on a slide member. The impact-attenuating elements may be included in the footwear or other foot-receiving devices in a selectively removable manner so that a user, retailer, or another can customize and freely select an appropriate element, e. The method further includes creating a temperature calibration curve for the substrate, the temperature calibration curve being created by measuring at least a first substrate temperature with an electromagnetic measuring device, and measuring a first chuck temperature with a physical measuring device during a first isothermal state. The automotive additive composition may be in the form of a capsule, a gel capsule, or a tablet.

1459826301-cc5b3875-8caf-40fd-bc87-ff2d94b5ee92

A patient monitoring system is disclosed herein. This method is preferably implemented as a software package which takes chromatographic data generated by varying fluorescence levels in a sample. The method also includes determining a first state of the first form of the license and a second state of the second form of the license, synchronizing the first state and the second state to form a combined license state, and adjusting conditions of the license based on the combined license state. The sample times may be changed manually by a user. The buckle engages each belt separately and includes a single action release. A plurality of carbon nanocapsules are electroplated on a substrate, and the carbon nanocapsule thin film is thereby formed.

1459826302-89f584aa-c380-4a73-8af5-0f99933ab181

A scheduler and method for use in packet communication systems apply a generalized discrete-rate scheduling technique which removes the limitation of the linear increase in sorting complexity with the number of supported service rates. The four VVVF main circuit inverters are configured as a 4-in-1 inverter unit which shares a cooling mechanism for radiating heat generated due to power supply operation for the permanent-magnet synchronous motors to outside. A change in vertical wheel travel of the rear wheel is related to a change in the length of the shock absorber, providing a shock rate. The pusher system includes a trigger system to actuate the pusher.

1459826302-a6c2cd08-344b-487e-a094-7e7d7a0fd6dd

Embodiments of the invention provide a method and an apparatus for automatic, secure, and confidential distribution of an asymmetric key security credential in a utility computing environment. The substrate defines a first surface and includes an account identifier linking the transaction card to at least one of an account and a record. First, low-concentration impurity regions are formed in the island-shaped silicon film by using rotation-tilt ion implantation to effect ion doping from an oblique direction relative to the substrate. The composition is represented by the following chemical formula:. Cleaning fluid may enter the conduit such that the valve assembly is cleaned by the cleaning fluid.

1459826302-d1e5473a-c444-4609-95f3-e24b38c88820

Techniques for designing optical couplers are disclosed. A tubular conduit is mounted on the mower so as to extend through the deck of the mower. The base station is operative to obtain channel vectors for respective ones of the terminals, to select a subset of the terminals based on magnitudes of the respective channel vectors, to compute a precoding matrix using the channel vectors of the selected subset of terminals, and to utilize the preceding matrix to control transmission to the selected subset of terminals. At least one of the first and second magnetic layer is a Heusler layer.

1459826303-688f247f-3f73-4995-8ba9-b86914545729

In a solder that realizes high-temperature-side solder bonding in temperature-hierarchical bonding, a connection portion between a semiconductor device and a substrate is formed of metal balls made of Cu or the like and compounds formed of metal balls and Sn, and the metal balls are bonded together by the compounds. The active ingredient is selected from a class of N-hydrocarboyl phosphoroamidothioate and phosphoroamidodithioate compounds as described in the specification. A CoNiFeBM layer may be formed by co-sputtering CoB with CoNiFeM. A PTO adapter is connected to the pump assembly and is operably connectable to a PTO shaft of a vehicle transmission for operating the pump modules. The genes encode a group polypeptides referred to as Protein Cluster V which are predicted to be useful in the diagnosis of metabolic diseases, such as obesity and diabetes, as well as in the identification of agents useful in the treatment of the said diseases.

1459826304-0fcb03ac-a596-4220-8f87-2498aacf3bab

The present invention presents a novel system and method of damping rolling, pitching, or yawing motions, or longitudinal oscillations superposed on their normal forward or backward velocity of a moving levitated system. Various additional features of an exemplary embodiment are also disclosed. The transceiver is configured to transmit and receive messages. Selected portions of the flowable conductive material are then removed to define, at least in part, electrically-isolated sidewall conductors electrically coupled to different ones of the package edge conductors. A phase-locked loop then generates an RF drive signal that is based upon a phase relationship between the reference phase signal and the coil phase signal.

1459826304-2f4e839b-e36e-4368-95ef-0bb55637673a

A protective headgear specifically for rodeo rough stock riding competition that protect the riders from serious injuries to the head and neck area. Two or more of the memory modules are combined to represent the number of logical ranks at the memory controller such that there is a one-to-one mapping between the logical ranks and the physical ranks. Interfering signal processing circuitry employs the further spreading code identified by the received code information to reduce the interference effect of that interfering signal on the derived wanted signal. Information exchange instructions are executed by the implantable pulse generator to take data from one or more application programs being executed by the implantable pulse generator, divide the data into packets, and add the transport control information, and network routing information if desired, for outgoing

packets.

1459826304-63d375d1-15b8-4243-a8e1-9a475ce43f4e

There is disclosed a reinforced structural assembly and a method of using the assembly for reinforcing components of an automotive vehicle. Ascochlorin and its homologues are usable in treating and/or preventing a disease or condition which can be relieved by the retinoid X receptor ligand-dependent gene transcriptional regulation. The snap shot is then used for assisting in the creation of at least one of the method steps of the recipe. The control includes a first circuit assembly and a second circuit assembly interconnected by at least one wire between the first and second circuit assemblies. The additional washing steps can be performed using existing equipment at conventional pulp mills.

1459826304-76521ca1-7218-46d3-96c8-394ddad69c57

A mobile node MN registers a care-of address CoA of a destination with a home agent HA. In one embodiment, the methods and devices of the present invention include a small intestinalduodenal insert comprising an elongated member with at least one flow reduction element that can cause the stimulation of one or more biological signals of satiety. The valve body includes a pair of tubular conduits spaced apart to extend through passages in the sink deck and a cross conduit connecting the tubular conduits. The moisture chamber may also be opaque to act as a blackout mask for sleeping. Examples of fluid machinery applications include: wind turbine, water turbine or propulsion turbine arrangements. Light irradiated from a second main surface side is detected by a detector disposed on a first main surface side, thereby detecting the positions of first and second inner electrodes, and a conductive layer is formed in a portion on a first main surface, determined based on the detection result by the detector, thereby forming first portions of individual first and second outer electrodes.

1459826305-3ab2489b-6a33-42a4-bed3-e3429c8c9649

A key-board type input mechanism suitable for inputting large quantity of data is provided to a portable information technology device having a pen-input type display device. Production is carried out by condensation of silicon suboxide onto a carrier passing by way of the vaporisers. The light diffusing sheet includes a transparent base film, and a light diffusing layer coated on a surface of the transparent base film. The organization of media content and information into halos enables an effective contextual paradigm that cuts across strict hierarchical structures to allow the user experience to be much more seamless and free-flowing.

1459826305-8bec176d-2e0a-461c-a1dd-6690531f293b

A trocar has a projection portion which is a part of a tube projecting from a distal end portion of an outer tube in the state in which the tube is inserted in the outer tube, an amount of projection of the projection portion from the distal end portion of the outer tube varying in accordance with relative movement of the tube and the outer tube. That is, the bumps on the scribe lines and the bumps on the neighbor chips are in the status of electrical connections, therefore the electrical characteristics of the bumps on the neighboring chips could be verified by utilizing a probe to touch the bumps on the scribe lines. A control unit controls the parameters of the electric field provided by signal delivery electrodes to prevent the generation of a propagation action potential in the tissue. Due to the use of a heat-generating element, the heating device is protected from electric flashovers and leakage currents with a higher degree of certainty.

1459826306-1d54d6a2-321f-4bba-a960-32a6f0959440

An amorphous carbon layer is implanted with one or more dopants that enhance the etch resistivity of the amorphous carbon to etchants such as chlorine and HBr that are typically used to etch polysilicon. The door frame includes a door frame movable member having a backing plate and a leg portion projecting from the backing

plate; and a door frame fixed member having a flange portion and a leg portion projecting from the flange portion. Existing advanced intelligent network infrastructure may be adapted to provide the location ID service, such as by providing location data queries from a signal switching point to a signal control point. The method further includes outputting to a customer, by the first service provider, second information determined in response to the first information. The methodology of the present invention is capable of implementation on a wide variety of existing semiconductor etch equipment. In order to increase the measurement accuracy and reduce measurement errors, the measurement beam distance can be extended, but without causing problems in terms of manufacture, assembly, and/or alignment.

1459826306-58d7511c-33f7-4918-8b18-e2dd3693b218

Various chromanone, flavanone and abyssinone compounds as can be prepared enantioselectively using a chiral thiourea catalyst. 0.1 to 9 parts by weight of silica, 0. The solar cell and the interferometric modulator may be formed above the same substrate. The retractable lens retaining frame moves the retractable lens group between the photographing position and the retracted position by a driving force to drive the movable lens barrel relative to the fixed cylinder portion. A digital signature storage request is communicated to the authentication server using the identifier for the authentication server. The tunable optical detector detects the optical channel monitoring signal selected by the control signal and generates an electrical signal related to a power of the detected optical channel monitoring signal.

1459826307-72e2b1fb-1646-4316-a5fd-d9045991d5a9

A tool securing device capable of clamping a tool to a machine spindle as well as assisting in the removal of a tool from a machine spindle, all in a tool-less manner. When the braking intention value is determined from the actuation parameter, its direction of change is taken into account. Tobacco flavoring can be incorporated in the film strip by casting or extruding a mixture or the tobacco component may be added to a film strip after formation of the film. At least one cooling fin is operatively connected to the outer peripheral surface and extends in a direction substantially normal to the core member first surface. The melt supplied enters the permanent mold at a speed whose relationship with respect to the strand withdrawal speed is:.

1459826307-b37b7a16-9bdd-4070-b1ed-36352f9c041d

A particle beam system 1 for cleaning itself comprises an irradiation system to direct electromagnetic radiation onto the surfaces to be cleaned and a supply system 61 to supply a precursor gas to the interior of the vacuum chamber 11 of the particle beam system 1. The invention is mounted on a pallet support on a pallet conveyance, and has an RFID interrogator connected to at least one antenna mounted on a vertically movable antenna mount. The scanner also has an optical member provided on the rotatable member that allows the scanning light beam to pass therethrough to be incident upon the incident surface of the photo-detector, and a device for adjusting rotational position of said rotatable member about said rotational axis. When the print data has the image data format, the second memory is set as the transfer destination in the descriptor. Thus, the electrical connector effectively seals the interface between the connector and the end connectors of electrical cables or wires, such that moisture and other debris are prevented and/or substantially deterred from migrating into the interior of the cable or wire.

1459826308-5557e01b-cc80-42eb-bf90-0fc67ab3b5b7

The present disclosure relates to an energy reclaiming system for an electric forklift truck. The active stylus also includes an electrode for wirelessly receiving or transmitting signals through the touch sensor of the device to enable the communication, wherein the electrode is disposed at or near a tip of the active

stylus. The sheet metal frame is stretched between the arms of the body, and cooperate with the body to form a card insertion space. A map of the design surface specifying the design elevation of the milled surface over the area to be milled is stored in the computer memory. In this way, depending on whether the variable valve timing mechanism is in the operation allowed state or in the operation inhibited state, the engine operational region in which the cylinder deactivation operation is performed can be set so that the engine operational region is made suitable for each of these state. An electrical characteristic of a cable or a wireless module connected to the cellular-telephone interface is used by the processor to identify a type of a cellular telephone connected to the docking station.

1459826308-8e1bf029-4d70-49c7-936f-b78919a34ecd

A BJT device configuration includes an emitter finger and via arrangement which reduces emitter finger width, and is particularly suitable for use with compound semiconductor-based devices. The disk array comprises a plurality of data disks and a parity disk. Pharmaceutical compositions comprising these compounds, methods of treating diseases utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

1459826308-f2255535-04de-4b08-a216-35d5ddeefce9

A scaling system for compressing a bitonal image that has print density control. The proactive browser system includes three components: user-side proactive application terminals, network-resident proactivity enablement servers, and server-side proactive wireless web-based application servers. A plurality of physical sensors mounted to the vehicle generate physical data indicative of respective measured physical parameters of at least part of the vehicle.

1459826309-2f6b9277-edb0-467d-92e2-0311539b0905

A dual display type portable computer can include a first unit having a first display module and a second unit rotatably coupled to the first unit having a second display module. Also described are certain triphenyl acrylate monomers and polymerizable resin compositions. Another embodiment of the present invention is a pair of anastomotic compression rings formed in an ellipse. Corresponding to the latch, the frame includes a protrusion engaging with the latch for restricting the upward movement of the elastic arm. An electrode lead wire is associated with each electrode. Specifically, an ice axe having a rotatable spike which allows selectable fixed angular positioning of the spike in relation to the shaft of the ice axe.

1459826309-409364b8-e6d6-4ded-9ceb-e477928d8d56

A degasifier includes a gas chamber, a degasification unit and a resistance applying unit. The dispenser has a plurality of pins which engage in apertures in the cartridge to enable dispensing of the material. Next, the system generates a deposterized image from the posterized image, wherein color values in the deposterized image are not restricted to the set of posterized color values and instead can be selected from the entire set of possible color values to reduce artifacts caused jumps in color values that arise from posterization. The PSYNC module includes a plurality of PSYNC correlation branches. The illumination scheme also casts a larger area of more diffuse light on the playing surface immediately adjacent to the focus spot to reveal croquet balls resting therein and facilitate play around the wicket.

1459826309-78c3c0a2-f01c-458a-819b-e003562ee99d

A system and method for reducing interference between wireless terminals communicating in a mobile ad-hoc network. A series of acoustic energy pulses of successively increasing or decreasing burst frequencies are transmitted through a transducer assembly. In addition, a gate electrode potential which turns ON a transistor is maintained due to the capacitance of the transistor. Specifically, the plant liquid component can be processed to extract a plant-derived starch



material, plant-derived proteins, plant-derived sugars, plant-derived sugars, and the like. A center of the image is used as a point of origin for the processing tiles.

1459826310-250a70ec-f7e1-4f04-aca6-790b213b3b5f

Aspects of the subject matter described herein relate to adaptive retention for backup data. The apparatus and method may include a remote network controller that logically resides between the host network and the existing infrastructure that are used to provide communications network contact with one or more remote devices. A latch module coupled with the adder latches the output sum signal with a clock signal to generate the latched input signal. The at least one sensing device includes a photo sensor for sensing the produced chemiluminescence and generating signals in response to the produced chemiluminescence. The rotor is oriented generally in a horizontal plane and includes an adjustment mechanism for adjusting the angle of the vessel relative to the horizontal plane in response to the centrifugal force generated by orbiting the vessel about the axis of rotation. The host-fabric adapter comprises a micro-controller subsystem configured to establish connections and support data transfers via the switched fabric, and a serial interface which provides an interface with the switched fabric.

1459826310-9af9db7e-a8c1-4be4-8a61-124285b47111

The invention relates to a metal substrate with a corrosion-proofing bond coating containing adhesion-conferring polymers, based on organic compounds, as well as a method for applying the bond coating. The light source and optical detection system components can be configured so that the exit and entry apertures for light being directed to and/or received from the detection plane are the only members above the touch surface. A cover is coupled with the plate to define a space accommodating the antenna module. The image data format converter converts the print image data into image data in a format handled by an external device. The method and product are able to account for non-Gaussian statistics of noise fluctuations observed in the receivers of optical communications systems, in order to provide for the more accurate simulation of system performance than may be the case using prior art methods based on Gaussian approximation.

1459826310-da7bb07a-d4ac-4804-95a8-55c23afa1298

Disclosed is a control system for processing sampled servo data in a disk drive. Such boosted tag rankings may be used for search result ranking, tag recommendation, and group recommendation. The latch further includes an actuation tab coupled to the body to engage the body in a movable position. The controller is configured to acquire first positional data from a first trace of the first line segment on the touch screen and second positional data from a second trace of the second line segment on the touch screen.

1459826311-0dde9cb6-6915-42ea-853c-11c7199eb237

A dispenser includes a container providing a cavity and a discharge opening at one end. The resin composition comprises polycarbonate resin, an ultraviolet absorber such as 2--p-cresol, an ultraviolet absorber such as 2,2\u2032-methylenebis(4--6-phenol) and at least one compound represented by the following formula or and is used for spectacle lenses. As a result, the monolithic integrated device provides the expansion of the operation frequency range toward the terahertz region as a result of reduction of the parasitic inductance as well as of minimizing the other parasitic parameters of the electric circuitry connecting the resonant tunneling diode and resonator.

1459826311-2bfdd69b-a9f6-43f6-b4fb-e07a60758ac4

Disclosed is a toner composition comprising toner particles which comprise a resin having chemically bonded thereto a polyhedral oligomeric silsesquioxane, and an optional colorant. At least one anchor lug at or adjacent to the outer distal end of the anchor body movable by rotation of the anchor body between a first position

in which the anchor body is able to be inserted into or withdrawn from the cavity, and a second position in which at least one anchor lug engages a respective undercut shoulder portion in the cavity. Also, another via to be electrically coupled to the third wiring as the word line is directly coupled to a contact plug electrically coupled to the gate wiring part of another access transistor. According to an identifier for the phrase, the phrase is supplemented with artificial context information. In other instances, this defect inhibition involves causing a change in crystallization front direction relative to a crystallization seed location. The chipper inserts may include a left cutter insert, a center cutter insert, a right cutter insert and three different size spacer inserts.

1459826311-30ec5055-49c5-4466-828c-b569c97d594f

A circuit for transmitting a signal has a first signal line and a second signal line, wherein the second signal line is arranged adjacent to the first signal line, such that an interaction between signals being transmitted on the signal lines takes place. In one embodiment, the firearm includes a frame and a barrel-receiver assembly pivotably mounted to the frame. The sheet feeder has two open ends to allow for the transport of stacks by a conveyor belt. The lattice can alleviate toppling or other loss of structural integrity of the electrode structures, and the protective cap can protect covered portions of the insulative material from the etch. The urging-direction changing member receives outputs from the switching member, and is capable of urging the drawer member in a drawn-out direction and in an accommodated direction in a changing manner.

1459826311-5784e659-0a3b-4cd3-b9ea-ee3267e85d78

In a method for estimating a sequence of input data symbols of a CPFSK-modulated data signal transmitted via a faulty channel, in the course of an ACS operation for calculating a transition metric value, an estimated value is determined for the replacement symbol occurring during the linear approximation of the CPFSK. A switch alternatively electrically connects the common antenna to the AM matching circuit and the FM matching circuit for achieving the AM function and FM function. The predetermined event can be related to deterioration or improvement in network performance, and the device can respond by correspondingly decreasing or increasing the service quality of the packets being formed.

1459826312-e54c0fad-81dc-4203-8b69-d5705208dba3

A method of reactivating a catalyst, such as a solid catalyst or a liquid catalyst. The system is arranged to hold as a table attribute an insert-only attribute and a row deletion prohibition period, and as an access right attribute a row insertion date and time holding column name and to specify a row insertion date and time when a row was inserted, for disabling said date and time data. The semiconductor-based light source is disposed in an installation space between outer layers of a multi-layer circuit board. As the targeted chemical compositions increase in temperature, maximum energy is delivered using variable frequency radio frequency dielectric heating to adjust the rate of the heating process. By supplying the high temperature reducing gas from the start-up combustor, there is no need to provide an additional device for supplying reducing gas, and the heat required for the reaction may be supplied simultaneously.

1459826312-eea1bb5c-804c-4fda-9d80-8d08d470c896

A surfboard bag hammock that is configured as a carrier receptacle and a hammock by having two different sized layers of material fastened together. A hard disk drive can be included in the switch, with data logging performed to the hard disk drive and with the hard disk drive serving as a second level of virtualization to provide storage of large tables. The arced section can have the flat portion and the second flat section can have a right-angled extension. A holder is mounted on the support arm for pressing the chucking pulley toward the disk table while in contact with an end of the rotary slide knob when the recording medium is in rotation. Finally, the plugged green or calcined ceramic honeycomb is heated to a temperature sufficient

to sinter the plugged green ceramic honeycomb to form a porous sintered plugged ceramic honeycomb. A dielectric insulating film prepared from the coating composition of the present invention has an improved dielectric constant and superior mechanical strength and electric properties.

1459826313-737143b0-a512-47dd-bea4-ccb0f0dbc8f1d

An electronic device such as a computer, circuit board, or integrated circuit is built including circuitry for receiving temperature information. Each message includes a session key within the XML document containing the encrypted data, meaning that each message is interpretable in a 'stand alone' condition, without reference to some shared state between the parties involved in the messaging. The method is also conducted at a low temperature. The fixture or bulb may further include digital signal processing to modify the sound to account for obstructions in or near the fixture. A device and a method are provided for etching an opening in an insulating layer while depositing a barrier layer on the side walls of the opening without essentially depositing a barrier layer on the bottom of the opening. At least one machining aggregate is provided where in the supplying and discharge region one conveying system each is arranged.

1459826314-48123461-717f-40c1-9763-fd0ac0406c3b

A system for controlling an authorization procedure of a task according to a preferred embodiment is provided. One or more image capture devices obtain a plurality of images of an exception object in response to an exception generated in the view volume. The base station and the user equipment communicate amongst themselves by using a first transmission technique. In the standby mode, the method provides power to both a power bus and the electric motor-generator from an energy storage device. The side anchor and central cable may be connected via a predetermined breaking point. The exhaust discharged from the selective catalytic reduction catalyst may have a reduced concentration of nitrogen oxides.

1459826314-ac8204d8-d9c0-4538-8021-3f8e7fb61c7f

A system, electronic device and method are provided that utilize the positioning capabilities of impulse radio technology to track one or more moving athletes. The email server associates the at least one user-defined constraint with the first email message and sends the first email message to a recipient. Once the mobile device is awakened by the customized SMS message, the mobile device responds to the customized SMS message and initiates processing. The method maintains the bandwidth cost of proactive caching in proportion to expected demand for particular data.

1459826314-c75cbe89-92e2-4235-82e9-01a11f29ef05

Techniques for filtering a full-text search result in a full-text search engine level are described herein. The method comprises performing a capture phase of a scan operation on all of the TAP controllers in the star configuration and sequentially selecting one of the TAP controllers at a time to perform a shift state. Methods for producing a maize plant that comprises crossing hybrid maize variety 32N89 with another maize plant. As the transport and routing details change only the directory files need to be changed.

1459826315-2046a74d-2fee-4786-90cc-d7aaa2955082

A method of performing a medical procedure, such as surgery, is provided. The recombinant viruses can be NYVAC or ALVAC recombinant viruses. A control circuit is coupled to the transducer.

1459826315-547e85cd-7ab3-4857-8aa7-8ff5863d13da

A vertical trench double-diffused metal-oxide-semiconductor field effect transistor characterized by a reduced drain-to-source resistance and a lower gate charge and providing a high transconductance and an enhanced frequency response. In addition, the invention concerns a microscope, which contains such an objective. A socket is disposed within each arm of the forceps. Particularly, the end cap members 122 and

the top rail members 100 cooperatively provide a direct load path from any location on each of the side walls 14, 16 to the bracket 210 which may be coupled to a portion of the vehicle 12, thereby reducing the likelihood of damage to the sidewalls 14, 16 and the front wall 20. The frequency of debug signals is dependent on the frequency of a clock signal provided at the input, and each debug signal selects its respective mode for a length of time longer than that of each other mode of the multi-mode circuit, or each debug signal selects its respective mode for a length of time shorter than that of each other mode of the multi-mode circuit. The indication may be provided by changing the color or other display characteristics of the electrode on the navigation system display or by way of providing a waveform indicating the electrode coupling.

1459826315-694f618e-5d91-400f-a35c-c88714dc8e66

An alternating current-to-direct current power supply has a first stage providing a first DC voltage and a second stage providing a second DC voltage. Embodiments of the present invention reduce power over the desired range of frequencies by reducing the sidelobe power of tones comprising the UWB signal. Each blade has an apex region, at which the blade contacts the second shroud. At least one imaging apparatus is built in the mobile electronics device and applied to scan product serial number barcodes, product features, and two-dimensional barcodes associated with the products to receive, record or read production and test information of the products, and then store the production and test information in the storing unit.

1459826315-91e640d6-cb31-4a88-8c40-863f4933330e

An apparatus for measuring a spatially under-sampled Bidirectional Reflectance Distribution Function of a surface. An angled plate means set apart from the upper casing forms the paper feed opening. The shallow trenches and the deep trenches are parallel to each other. Inclusion in the message of the element, also known as the subset reset element, facilitates return to an idle mode of the user equipment units involved in the subset of the connections. Each imaging system illuminates the sensor elements of the associated sensor region with a light signal indicative of the object being monitored. In addition, the invention also provides a color wheel further including an auxiliary fixing element, which is set on the fixing element and has an outwardly extending holder.

1459826316-4c8a35c5-68e2-4983-b45c-98bcab840285

Methods are generally provided of reducing speckle of a laser beam from a laser source guided through an optical waveguide. At least one primary inductive coupling coil is mounted on an article of apparel worn by the user, so as to place a primary coil adjacent a first intermediary inductive coupling coil on the first independent accessory. An opening with an upper portion above a horizontal plane and a lower portion below the horizontal plane extends downwardly through the dielectric layer.

1459826316-63afecc4-2534-4995-b01a-cbc65741a3db

Selection criteria for dyes that predicts efficiency and performance for plastics welding. In one embodiment, the apparatus includes a processing object panel, a panel supporting unit supporting the processing object panel and a voltage applying unit including a first electrode and a second electrode positioned on the panel supporting unit via the processing object panel interposed therebetween and having different polarities. The second fuse block has second fuses for corresponding to a column address signal. The dynamic device is used in the establishment of inter-domain switch connections.

1459826316-de1469a1-0ca1-4983-a3cd-9945b4d65d53

A temporary rubber coating compound, which is preferably sprayed from a can, can be used as a protective coating for vehicle surfaces against insects and other debris on the front of vehicles and can be used as a protective coating in truck beds before a plastic drop-in truck liner is installed. The nozzle body includes a vapor path configured such that vapor recovered from the vehicle tank during refueling is

passable therethrough. A desired sampling time instant and carrier phase offset for synchronization may be simultaneously obtained due to correlation between carrier phase and symbol timing detectors.

1459826317-0d6d7374-6579-4900-8768-3dadd9f3a1d2

A two pin communication interface bus and control circuits are used with circuit boards, integrated circuits, or embedded cores within integrated circuits. The solid-state image pickup device 1 is back surface incident type and photoelectrically converts light indent on the back surface S2 of the semiconductor substrate 10 from an object into electrical charges and receives electrical charges produced by photoelectric conversion at the light receiving unit 14 to image the object. One method of the present invention involves providing a plurality of process modules, each of which has an independent module controller that is adapted to perform at least run-to-run control of the processing tools within the process module, yield management analysis, scheduling of materials, and movement of wafers within the process module. The performance of objects to be monitored in the party of the long monitoring interval is estimated from the performance of the objects to be monitored in the party of the short monitoring interval. The shared scan cells are coupled in series.

1459826317-910d6e5c-ecfd-4572-91f6-296fd8d838a8

A number of flat tubes, flat tube heat exchangers, and methods of manufacturing both are described and illustrated. 0.25% by weight based on the total weight of solids in the dispersion. In another aspect, at least one of the dielectric layers includes a dielectric material and nano regions embedded in the dielectric material, where an atomic composition of the dielectric material is the same as the atomic composition of the nano regions, and a density of the dielectric material is the greater than a density of the nano regions. A stopper tab positioner rotationally connects the stopper to the cylinder. Two of the pins are engaged by the pressing portions, and the other two pins are engaged by the pivot portions when the pivot portions are pivotally moved toward the printed circuit board.

1459826317-d77c862c-6f0e-4d56-99e7-0509b7d61894

A method and system to facilitate on-line trading is presented. The apparatus is distinguished by the fact that the control mark is registered by a color measuring instrument and that the intensity threshold of the optical sensor is calculated by the computer in dependence on the measured color value registered by the color measuring instrument. The shifted bits of data to be transferred may be sampled in a second clock domain at a fixed time within each clock signal of the first clock domain. A graph matching method is then used to compare the graphs and determine which failure mode and symptom correlations are common between them. The first manual handle that controls the first manual valve.

1459826318-7a295c96-31cf-4b40-a71a-f2c22ac8e88f

Aminoalkyl glucosaminide phosphate compounds that are adjuvants and immunoeffectors are described and claimed. The authorizer can be a single entity or comprise a hierarchical or distributed entity. In one form, the magnetic material being subjected to compaction is a mixture made up of two or more different magnetic material powder precursors.

1459826318-dbd39c1c-e903-485b-beea-ee05b2e674b2

A semiconductor memory device generates a precharge control signal asynchronous from a dock signal. Rather than introducing phase differences between the various vibratory excitations, as is the case in prior art, the invention introduces a frequency offset between the fundamental frequencies thereof in order to avoid a high-amplitude vibration at a common excitation frequency, arising from the spectral spread thus obtained. The BMC communicates with the tamper detection switch and sets a VPD flag to false when tampering is detected. At least one damping element is provided and disposed between the structure and the fittings.

1459826319-0530a208-191f-4314-bb9b-ff59bfeabdd8

The reliability of a semiconductor device including a power semiconductor element is improved. The modes can be transmit and receive modes, and the connectors can be configured to perform various functions depending on the mode of operation. The probiotic/prebiotic compositions disclosed herein are packaged using a nitrogen purge instant bonding anaerobic encapsulation process to maintain high viability for extended periods. The system also supports the assignment of devices to different partitions in the computer system. Each of the memory cell transistors comprises a first-conductivity-type source region, a first-conductivity-type drain region, and a first-conductivity-type channel region arranged in the semiconductor layer in the column direction, and a gate portion formed on a side surface of the channel region in the row direction.

1459826319-1732ef4a-44a9-4d6a-86c1-652711d01c8f

Data for switching a slew rate of a data output circuit included in a data input/output circuit between a slew rate in a normal mode and a slow slew rate is stored in a mode register. Accordingly, in the conventional processing in which rate of change in gradation is improved by making a drive voltage of liquid crystal at the time of change in gradation larger than normal liquid crystal drive voltage to increase response rate of the liquid crystal panel, interference component is also emphasized. The leg portions are slidable relative to each other, and an adjusting screw is engaged with the upper clamp to effect relative movement between the clamping surfaces to clamp a shelf between the clamping surfaces. At least one U-shaped auxiliary bow member, which can be pivoted in a limited angular area about an axis of articulation parallel to the plane of the bow member, is arranged at the level of the bow member and the length of the legs of the auxiliary bow member is greater than the distance between the axis of articulation and the bow element of the corresponding bow member. The controller determines a limited time period on the basis of the total number of the terminals, and sends a second request signal indicative of the limited time period to the terminals.

1459826319-71ee8913-2112-4cb6-bcef-b5a1c5810aa4

A planetary gear for variable transmission, particularly a planetary gear for variable transmission towards a tail rotor of a helicopter. The performance of the high-voltage lead and the can electrode can then be independently monitored, thus indicating which lead is inoperable, should one become inoperable. When power is diverted to the power stealing block, the power stealing block may steal power from the power source and store the stolen power on a storage device.

1459826320-1bb06081-6d5a-4efb-9f4d-a1a149938d73

Wireless client devices within a wireless network exchange data with other wireless devices during particular time slots determined by the network. At least a first data composed of first data bits and a second data composed of second data bits are arranged in order that at least a bit of an N-order of the first bits and a bit of the N-order of the second bits are stored in one of the cells, the N being an integral number. At least one proprietary database of newly discovered adverse event information is created and utilized, and new characteristics of or uses for the product or device are determined. The server compares the quantity of data items and the received indication of the display control size. In exceptional situations, the speed limiter can be temporarily suspended, it being possible for an exceptional situation to be, in particular, the upward transgression of the predefined speed limiting value or a depression of the gas pedal.

1459826320-59940527-cc03-4900-a70a-1a13fdd242c2

An exemplary method facilitates automatic recovery upon failure of a server in a network responsible for replying to user requests. For example, the suction apparatus may be arranged adjacent to an electrocautery electrode, which may generate smoke during operation, for evacuating smoke from a surgical site. The

article for protecting the automobile body is mounted to a second article formed of the same material as the automobile body. The clamping portion receives and retains a power pin coupled to one end of the spoolgun power cable in a receptacle that is manually tightened and loosened. In addition, security information may be first transmitted through the satellite to the user devices so that a peer-to-peer network may be established. Each substrate has a plurality of conductive bumps on its facing surface wherein the conductive bumps on each substrate are the mirror-image of the other substrate.

1459826320-7d839bf0-544d-48d9-bdda-c99b084b80b5

Multiple scanning modes are provided for an array of electromagnetic radiation sensors. The ramp is wedge shaped and comprises a folded bottom member affixed to a pre-formed top member having integrally formed guide rails. A second member extends upwardly from the second end. At least two wire bonds in the integrated circuit are substantially perpendicular to one another at a crossing point in a plan view of the integrated circuit. The face protector is particularly useful in activities such as sports, for example hockey, football, or baseball which involve activity specific lines of sight. A bottle is positioned beneath the dispenser.

1459826320-92182dd9-4f7b-44dd-94c2-6d6dc0918782

The yield of semiconductor devices is improved. One exemplary system includes a posting module, a retrieval module, and a web server. A first data density value may be determined for a first portion, and a second data density value may be determined for a second portion. Such displays include bi-stable displays, such as interferometric modulation displays, LCD displays, and DMD displays.

1459826321-71f39cd7-f804-4be0-9b56-a2230a0ea03e

The invention relates to a touch screen system with a touch screen comprising a transparent and electrically conductive surface arranged to receive touches from users of the touch screen system; and touch sensitive elements arranged to detect the position of said touches on said electrically conductive surface. In the scanner, the unit circuit constituting the scanner includes an output transistor that selectively outputs, to an output terminal of the unit circuit, a signal given from an outside. The present invention also provides compositions relating to the same. The neck portion of the stud and a center portion of the inner retainer are disposed within a center hole of the outer retainer. This control circuit monitors the pressure read by the pressure transducers to determine which gas source will be placed on service depending on user preferences, and directs the operation of the control valve to effect those choices. The method includes calibrating a ground base station antenna array according to forward link calibration coefficients received from an aircraft as part of a communication signaling protocol during operation of the air to ground two-way communication system.

1459826322-019f40c9-5a4d-4abd-8427-69acb2a81d13

A transformer comprises a substrate comprising a semiconductor material, a first conductor over the substrate, a second conductor over the substrate, and a magnetic layer over the substrate. The process for the production of its new intermediate products according to the invention starts from economical starting materials, provides the intermediate stages in high yields and high purity, without chromatographic purification steps, and allows production on an industrial scale. The method can further include disposing a conductive material in the via while the via is exposed to a supercritical fluid. The control system includes a first boiler unit controlled by a first boiler control unit and a second boiler unit controlled by a second boiler control unit. The estimates of the sources are output. An organic light emission layer and an upper electrode are disposed on and above the pixel electrode.

1459826322-f36e7929-77ef-4542-a6e4-16818e9351ad

A method to delivery encrypted digital content to a end user system for playing the

content comprising the steps of: reading from a computer readable medium metadata which has previously associated with the content. The hydrofoil includes a slip-on yoke designed to compressively fit on a cavitation plate of a boat motor lower drive unit. The system further includes a signal switching processor which compares the signal durations to predefined parameters which define various display mode switching thresholds. A volume control knob permits the traveler to set an appropriate volume level to provide his or her favorite music in surround sound and total comfort. An electronic component includes a barrier film formed on a semiconductor substrate. or less, a latex polymer which has a glass transition temperature more than 50°C.

1459826322-f49ec6cc-4b46-4e51-9229-8026b0f1e2f7

A device and method of providing any one of a plurality of desired levels of a regulated signal output to a load is described, wherein each desired level is a function of a corresponding reference signal. The fore body includes a planar front strike face, heel and toe side walls, a rear wall, a top surface and a generally planar sole. The test card can test all SD, MMC, MS, SMC devices and functions in one time in a bench without inserting and removing the media devices, thus accelerates the production line test speed.

1459826323-10963a93-297e-4003-a1e9-50a8b0aea7dd

According to embodiments of the present technique, a system and a method for obtaining low-noise measurements for a wide range of analog signal strengths is provided. The method and algorithms described herein may reduce data size to such an extent that data that was considered too large to be practically transmitted in a useful time frame can be transmitted in real or near real time. A hash function is performed for each memory element.

1459826323-30d0628a-1498-4f63-b31f-0526eead5b10

A method for managing a plurality of application window representations is described. It further includes an opposed high force actuator for operably urging second tooling into engagement with the first tooling. Each of the supports is attached to one of the bases and extends upwardly therefrom. Another aspect of the universal joint features an arrangement for cleaning the grease under the cap. The nutritional supplement composition is administered in amounts effective for limiting weight gain and/or enhancing weight loss, as well as promoting overall good health, in the treatment of body weight conditions, including overweight and obesity.

1459826323-d15fbba9-00eb-4aba-abd8-845ce8a378e4

A false twist yarn including synthetic fiber yarn having elongation, crimp rigidity, crimp appearance stretch ratio, dry heat shrinkage stress maximum value, deformation degree of single filament and entanglement number in specific ranges respectively. In an example, the cover includes sections that have differing pore sizes. Because their functions are different, the control system can determine which actuator is in which location, and thus locate the address for each actuator on the bus. An electrical component is connected in series in the loop for use in digital communication with the two-wire process variable transmitter.

1459826324-188fadcd-432a-4df8-990a-9f36598cb23b

A computer system having multiple components capable of being in either a wake or sleep state includes a controller and a voltage regulator. One mode of the present invention is a fluorescence measurement device for casting an excitation light of a predetermined wavelength into or onto a sample and detecting a predetermined wavelength of light contained in the fluorescence generated from the sample irradiated with the excitation light. The data of visual objects includes two-dimensional projections of the visual objects.

1459826324-7be9bdad-d3be-4224-bd84-890a87176455



A scalable method allows preparation of bulk quantities of holey carbon allotropes with holes ranging from a few to over 100 nm in diameter. The aluminosilicates are selected from a group consisting of blast furnace slag, clay, marl and industrial by-products, such as fly ash, and has an Al<sub>2</sub>O<sub>3</sub> content greater than 5% by weight. The reservoir is adapted to receive effluent from the wound and the pump is capable of maintaining a controlled level of suction at the wound. The dielectric layer can be formed by atomic layer chemical vapor deposition, physical vapor deposition, organometallic chemical vapor deposition or pulsed laser deposition.

1459826324-987d902f-8dba-43d3-8bef-6e5551b5cb93

When recording or reading an optical disc having plural data recording layers, which data recording layer the light spot is focused on is detected to improve playback signal quality and signals written to the layer on which the light spot is focused are read more reliably. The method comprises illuminating a body exposed to the plasma with electromagnetic radiation from a source, wherein the body and the source are cooperatively configured such that the body will generate photoelectrons upon exposure to the radiation from the source. The top surface of the carrier is designed to hold and rotate a wafer having a one or more formed layers to be prepared. The liquid crystal panel is provided for modulating the polarized state of light output from the incidence-side polarizer to output the modulated light. The holographic filter may then be used to simultaneously detect peaks in the spectrum of the matching substance.

1459826324-c95c032a-d12d-4825-8ace-37e1d3b0682b

The present invention relates to a safety device for a firearm with a trigger bar in said firearm. A main tool menu allows selected tools to be launched so that each tool populates a respective window. In other words, multipliers 31, 32 square the I signal and the Q signal, respectively, and an adder 33 adds the respective results of the multipliers 31, 32. The frames project around the body of the SCBA tank and extend out to position rolling elements for providing the transportation needs. Specifically, the invention relates to the use of compounds capable of modulating the expression or function of PC1F1 and their effect on the function of Pdx-1.

1459826325-b6745986-1201-4bb4-bb42-90d334bf3cfa

A system and method for enabling the replacement of electric toothbrush heads on toothbrush models that require users to replace the entire toothbrush head assembly is described. Methods of preparing the compounds are also described. The bay housing has a bay into which a drive unit is inserted. The end of the board is located in the open surface of the case. The pump is configured such that it pressurizes fluid within a workstring assembly during the pump's downstroke. The socket includes a socket grid to receive one or more pins from a component, a frame coupled to the socket grid to provide structural support, and a cable receptacle integrated into the socket to receive a cable.

1459826325-cec15da1-4fb0-4058-a63f-f6392004569d

A system and method for asset tracking and monitoring using antenna diversity. The battery pack includes a first case having an inner space, at least one battery cell arranged in the inner space of the first case, a second case coupled to the first case to accommodate the battery cell, and a coupling part arranged inside the coupled first and second cases. If so, the method further includes grouping search results by, for example, domain and displaying an indicator in proximity to a URL associated with search results that are related to the domain. An inert gas source is connected to the gas inlet, which is capable of allowing inert gas from the inert gas source to flow into the interior space. The process allows for selective acidizing of less permeable zones of the formation and more uniform stimulation of the hydrocarbon bearing formation. In particular, compounds from *Withania somnifera* are the preferred source of the withanolides, although they can be from other plant sources.

1459826326-0d975312-4f94-4c0e-82da-1db2a66cbc67

A method of ex-situ activation and dry passivation of supported noble metal catalysts including the steps of reducing in the presence of hydrogen and dry passivation by cooling in an inert atmosphere and exposing to air or by filling the pores of the catalyst with a low sulfur oil before exposing to air. The patient bed has a number of height-adjustable elements arranged like a matrix that are individually adjustable in terms of height. An attachment pin attaches the flange member to the cylindrical sleeve. Next, a fragment program used in a fragment processor of the GPU is optionally updated. The control board includes a processor that outputs an image signal and a control signal and a timing controller that outputs a first control signal to control the gate driver and a second control signal and a data signal to control the data driver in response to the image signal and the control signal.

1459826326-2c54bdb1-f3a1-48fe-8241-3acc1ab84223

A clot retainer for generally separating liquid from solid components in a specimen enclosed in a container having a closure. The top unit is first unfolded from a first folded position to an attitude angle of 160 to 170 degrees, and swiveled by 180 degrees to be folded onto the bottom unit in a second folded position at an attitude angle of 180 degrees. Alternately, in a perivascular configuration, the ultrasonically-matched material is operably intermediate the blood vessel and the sensor. The performance evaluation data may be used to present performance feedback to the game player while the game player is singing. A separate, attachable thumb spica member is provided for optionally configuring the wrist support to include a thumb spica.

1459826326-8d20fac9-32af-4032-928d-36e557548219

A user's domain expertise may be estimated through several factors by monitoring different aspects of a user's interaction with a web browser. A rotatable forming mandrel has a working surface with a contour corresponding to that of inner surface to be formed. A cooling device can be provided for cooling material in the interior cavity of the sampling vessel.

1459826327-873c24ac-56fa-43e1-92ae-6a7817a1847d

A logo data generating apparatus and method easily generate logo data suitable for storage to and output by a particular target printer without requiring a complicated process defining the image processing and data communication parameters. In a disclosed example, each gripper includes a plurality of prongs that are moved between neutral, closed and released positions that each facilitate a different portion of the assembly process. Location information for a border of a smart area being defined may be determined using a mobile node or determined using the plurality of nodes. The manipulated attribute information for each selected component is transmitted to a server. Both the first layer and the second layer bend to the center of the spiral-wound. , a structure or list of storage types in order of priority for different application data types.

1459826327-bfaa89cc-31d3-4f45-a271-e23a884fd563

In accordance with the present invention, a chip scale package is manufactured at wafer-level. The first transmission mechanism drives the massage seat to reciprocate moving in the outer housing. The dual DC output may connectible to the input of an inverter.

1459826327-dc7229af-88f7-444c-af09-3b48f06f9430

Systems and methods for image processing, comprising receiving a video frame, coding a first portion of the video frame at a different quality than a second portion of the video frame, based on an optical property, and displaying the video frame. Then a switch RSP is turned on and then a switch MIX is turned on to combine together the image and noise signals thus held and thereby produce, as a voltage signal, a noise-free image signal at the node between the capacitor Cs and the

switch MIX. An upper may comprise coarse aggregate and serve the primary function of weed suppression; a middle layer may comprise a mixture of coarse aggregate, fine aggregate, and fine organic material and serve primarily as a growth medium for vegetation; and a lower layer may comprise high-density hygroscopic material and serve the primary function of water retention.

1459826328-00d8f55f-170f-43f8-9213-37f4fbdc7f59

In a method for manufacturing a perpendicular magnetic recording head, a groove defined by the inner side surfaces of a first nonmagnetic layer and the top surface of a main magnetic pole layer is formed using the difference in etching rates for dry etching between the main magnetic pole layer and the first nonmagnetic layer. An inbound call comprising a call origination identifier is received by a call processing module, which uses the call origination identifier to retrieve call record and call processing information associated with a prior call session. The challenge preferably includes a question that the sender must correctly answer in his response. Capillary pump arrays are provided, and numerous applications for capillary pumps are disclosed. Transfer of the data may be to another network processor, another processing element, or to another memory.

1459826328-09b8c873-2544-4c25-a983-a813490b06be

An OFDM wireless transceiver uses a digital automatic gain control module. Using previously entered flow rate information, the meter establishes quantities of flow during each pumping cycle or totals for predetermined time intervals such as days or weeks. Preferably, there is a one-to-one correspondence between the location for a RO in a RO file and a location in the RO navigation file for the status bit which identifies whether its corresponding location in the RO file contains a valid RO or not.

1459826328-0fd5e0c3-eff0-4904-a527-2c24d9f7814c

The invention relates to an operating unit for architectural coverings, in particular roller blinds or shades. A groove is formed on the exterior of the tube between the first and second ends and receives a seal element which is engageable with the land surface on the fitting. for a time of between 90 and 120 minutes, quenching in air from 490 C. The invention includes an ATM interworking multiplexer and in some embodiments, a processor.

1459826328-1658a7cf-e435-4a38-9762-8507138e56c2

An apparatus, system, and method are disclosed for bad block remapping. The thermal body has an enclosed phase change material which provides latent heat to the device under test such that there is negligible temperature variation realized by integrated circuits being tested. The computed load is compared to a preemption threshold and if the computed load exceeds the preemption threshold, the state of at least one of the hash-buckets is changed from the first state to the second state. A drive shaft extends through the cavity and has a helical blade traveling along a major length thereof that is partially seated within the bottom support member. The isolation oxide is in a substrate, a gate layer is on the substrate, a patterned metallic layer is on the gate layer, and a first patterned etch-stop layer is on the metallic layer.

1459826328-483c33c9-207c-483e-bfb1-e27b7cdd80fc

An apparatus includes multiple first reservoirs and multiple second reservoirs joined with a substrate. The first material is harder than the second material. Variation in the emission spectra data relative to those of the spectra obtained with healthy subjects is a discriminatory factor vis--vis Alzheimers disease.

1459826328-79d20dc4-cec2-49a2-ae99-7fdd83a3bfe2

Photolithography methods using BARCs having graded optical properties are provided. The method and algorithm module queries those descriptors that are most likely to have activity, but also reliably queries all descriptors over time, and dynamically

adjusts the frequency of queries to maintain maximum efficiency as conditions change. A switching device is configured to generate an output control signal having a duty cycle that is a function of the drive signal.

1459826329-677de2d8-ec2f-4ef2-8d11-bc82d771f6e0

A ballistic-resistant material having a first exterior layer formed of a ballistic-resistant non-woven textile, a second exterior layer formed of a ballistic-resistant non-woven textile, and an interior layer of ballistic-resistant woven textile arranged between the first exterior layer and the second exterior layer. The total package weight includes the weight of a container, an article to be shipped and a normal amount of dunnage. The gas grill burner apparatus also includes first and second C-shaped hollow gas tube end portions slideably engaged within opposing ends of the parallel hollow gas tubes.

1459826329-c34e674c-6cf3-404b-9162-19adb8875448

A Variable Speed Drive for subsea installations, subsea vessels or subsea vehicles, as well as to a corresponding subsea installation, subsea vessel or subsea vehicle, has an alternating current/alternating current converter having a current-controlled capacitor-less direct current link. The present disclosure also relates to a method for increasing the current gain in a silicon carbide bipolar junction transistor by the reduction of the surface recombination at the SiC surface between the emitter and base contacts of the transistor. The stem is integral with a capsule and the stripper mounted on the neck of a small bottle containing the cosmetic product. In addition, other properties of the resulting nonwoven web, such as the tensile strength and energy to break, are not adversely affected, by the addition of the second polymer, in ways that make the resulting nonwoven web unusable for its intended purpose. This structure realizes a thin composite electronic component having an excellent high-frequency response. The tubular members are coaxial and have head surfaces tightly connected to each other by means of a first, upper ring and a second, lower ring.

1459826330-28b4b5c0-1b55-4b4c-a87c-97b1fc0f6201

A multi-player game system includes a lobby server and a plurality of game devices. Specifically, the apparatus, methods, and computer program products of the present invention, taking advantage of the independence of samples, updates each of the coefficients of the function as each sample is received. The nonmetal oxide layer is located on the first surface of the wafer. The plurality of resin-supply ports open to a cylindrical space formed between the inner surface of the mandrel insertion hole and the outer surface of the mandrel at a position separated from the extrusion hole in the die, and the plurality of resins flow together in this space. However, if the host is pass-through enabled, the host recognizes the pass-through information.

1459826330-40ea088b-00bd-48bc-82c3-9320dea338ed

A process for producing a conformal electroluminescent system. Provided herein are substituted 3-aminopyridine derivative compounds, substituted 3-aminopyridazine derivative compounds, and pharmaceutical compositions comprising said compounds. A polymer seal element extends along a recess within an exterior surface of the flange. The bonding method can be applied to a premade optical element or to a block of optical element material which is later formed or shaped into an optical element such as a lens or an optical concentrator.

1459826330-798ddbc5-08a6-49e5-9b7c-da6e63cc70c5

A method of operating a substrate processing chamber. The connecting block comprises a molded plastic housing and can accommodate a two-pair or four-pair IDC configuration. The invention further relates to a substantially bovine insulin-free proteinous material so obtained, and to its use as the protein part or raw material in the preparation of substantially bovine insulin-free infant formulae or other special nutritive preparations or consumption milk, other milk drinks or other milk

preparations, or as a raw material therein. Then, nth order surface related multiples in the pressure wavefield are iteratively calculated utilizing a product of th surface related multiple free data and the extrapolated down-going particle motion wavefield component.

1459826330-b4f7fc15-22ac-4523-922e-7dbb581d7e58

A flux sharing magnetic circuit has a parallel arrangement of secondary electromagnetic circuits with independent loads. As a result, the sub-threshold current can be maintained slightly above the holding current of a thyristor used in the memory cell despite substantial temperature variations. A conical portion formation step moves the second portion relative to the first portion in a second direction opposite to the first direction, eliminating the level difference.

1459826331-a662f677-a252-4e9d-ae2b-d2a031b358ae

A process has been developed for producing a diesel boiling point range product and an aviation boiling point range product from renewable feedstocks such as plant and animal oils. At least one alkaline earth metal peroxide is brought into contact with such waters or the like, especially to effect immobilization of phosphates and heavy metals except manganese and iron therein. The probe includes a sensor in the distal extremity for providing an electrical signal to the display module when the probe is disposed in the blood.

1459826331-fefdd657-5211-4e58-8c89-cdcbdade8339

A power supply for a guitar amplifier and the guitar amplifier and method of operating the guitar amplifier. First it contains a chart to help the golfer to determine the how hard to strike the golf ball when putting. The master appliance also causes a graphical representation of the current configuration of the controlling device to be displayed on a display device that is associated with the master appliance. An edge change is detected in the data in the buffer.

1459826332-13bf9184-f9c6-4ad7-9afd-b30f8ebdced8

By providing a pre-printed promotional system which employs two cooperating panels securely affixed to each other, with each panel being movable between a folded, compacted position and an unfolded, extended position, a unique, hands-on, printed, visually exciting and interest generating advertisingpromotional product is attained. A signor key is associated with a signor of a hardcopy document. In this way, in the infinitely variable transmission, input of an excessive torque when the speed ratio is in the vicinity of infinity is prevented. The computer system grants or denies access to the restricted records based upon the indication from the client. The management instructions includes the instruction to periodically and continuously, load certain performance, alarm or informational data into its OTN overhead and transmit that to a similar transceiver at the remote end of the communications link. The nautical instrument incorporates a mounting system that achieves slidable locking engagement of the nautical instrument to a bulkhead plate that is permanently secured to the surface of the ship.

1459826332-659cbec9-c34e-4bd2-a84a-5d074cd74dd9

Methods, apparatus, and products are disclosed for altering behavior of a multimodal application based on location. A cartridge may extend through the end cover and into the fuel nozzle assembly. The apparatus comprises an ion source for emitting ions in a pulsed manner, an analyzer for realizing a helical trajectory, and a detector for detecting the ions. A suction equipment is provided to suck dust containing air through the suction opening of the big container.

1459826332-b6d5bce3-ad79-4986-9369-3b81304ed14c

A cover assembly for a vehicle carried open top container wherein a cover is connected at one end to a vertically adjustable tower and an opposite end to a cross member connected to a pair of pivot arms that are mounted at their lower ends to be pivoted by at least one hydraulic actuator that is mounted to the vehicle

intermediate opposite ends of the container and adjacent the bottom thereof. The apparatus provides a main hearth, a plurality of optional refining hearths, and a plurality of casting molds or direct molds whereby direct arc electrodes melt the titanium in the main hearth while plasma torches melt the titanium in the refining chambers and/or adjacent the molds. The invention also relates to methods for producing a soybean plant containing in its genetic material one or more transgenes and to the transgenic soybean plants and plant parts produced by those methods.

1459826332-f7c8cd00-9af2-4b7a-97ad-086032917354

The invention concerns a method for synchronising clocks of base transceiver stations in a telecommunications system and a mobile communications system. The file creating method creates a rack of virtual RAM file that is divided into several units according to divisional units for individual divisional units, and a record allocation table file that stores a record position of each divisional unit of the RVR file. The outputs of the branches are combined to produce a combined signal which is used both for determining the data intended for the receiver, and in a feedback loop to improve the sets of weights. In addition, peripheral devices that include an electro-mechanical or electro-acoustical component connected to the system bus can also communicate directly to each other without using the system bus. 3Ag+X\u2296\u2192AgX\u2193+e\u2296\u2003\u2003.

1459826333-33ed15ec-5232-4cbd-8e27-d371181f80cc

A lighting system has first and second light sources operable to generate light having cool and warm white color temperatures, respectively. The utility vehicle comprises a generator and an attachment interface. The peak values of the reverse-recovery currents of the diodes are substantially less than their peak forward operating currents. A protective door may be between the upper cover and the middle frame.

1459826333-a81fba25-664e-491b-b4d6-5956ed7a4cfa

A location technique is utilized within a wireless communication system where power measurements from various nodes are weighted to determine a node's location. No high volume of water, no toxic additives to the water and no sand proppants are used for hydro-fracture of the gas shale or coal bed. The contents of the electronic attachment are then reformatted into a second electronic message using standard protocol, such as HTML and is sent back to the receiver. Web browsing by the user is supplemented by the information of the members of the focal group.

1459826333-af1b0f1a-134b-48d5-b3c4-7e7853ee49cb

Disclosed is a fuser member, including fusing apparatus and electrostatographic methods which employ the fuser member, which has improved wear resistance and a reduced tendency to contaminate with toner particles. One embodiment of the invention uses a processor's micro-code to verify a system's firmware, such that the firmware can be included in a trusted chain of code along with the operating system. Continuing, the method applies cyclical shift prior to transmission via the first grouping of the transmit antennas.

1459826333-ff287043-973c-45db-8dbb-99c6a71a4237

A gear unit comprising a shaft and a gear each having a first axial section and a second axial section. Multiple classifications and analytics may be defined by a user. The shell-like configuration comprises a plurality of optically active surface sectors alternated to connecting walls which are substantially radial with respect to the source. A movable cylinder unit coupled to the plurality of carriers may move the carriers. Criteria are applied to the features. The present invention contemplates various methods and apparatus that facilitate one-time or ongoing downhole fluid characterization by video analysis in real time.

1459826334-08e4f2bf-944c-433a-ab93-36ab4d33fe31

The present disclosure describes a system and method for reducing total batch

completion time using a per-destination max-min fairness scheme. The data processing apparatus comprises a plurality of processing units each having a local cache structure associated therewith. Also provided by the invention are tissue cultures of the soybean variety S110147 and the plants regenerated therefrom. Specific applications for the diplexer are also disclosed and include use in a GPS transmitter, GPS receiver and as part of an electronic scan array antenna. The partial non-display voltage output section drives at least one of the data lines based on the partial non-display voltage.

1459826334-8ffcfecf-518e-43ca-8bbf-eaba9c55bf24

A device for attaching a line or wire cable to a connecting element includes an upper and a lower die that each has a press surface. Particular biological environments contemplated by the present invention include but are not limited to vascular regions and cavities as well as mucosal membranes in animals including mammals, reptiles, amphibians and fish and in avian species as well as hooves of livestock animals. The desired information is estimated from the new version of the baseband signal. Benefits of such a system include reduced mechanical costs, longer drive life, better redundancy higher availability, correct drive power, lower energy use, closed loop system monitoring and reduced collateral damage. As opposed to the present technology, the instant technique does not require creation of quantum sized liquid metal droplets to synthesize nanowires. A guide bushing establishes the radial position of the cable axis and is stationary during blade movement, thereby permitting the opening in the bushing to closely approximate the cable diameter.

1459826334-b1af27f1-7921-41bd-81db-936887353bc1

A motor-driven lock includes a housing, a lock body, a motor, a transmission device mating with the motor and the lock body, a lid, an enclosure, and a cover. A clip attached to the belt is inserted into a slot in the drive spool of the belt drive platform. In response to the detected intensity, a determination is made of whether the optical fiber is properly connected to the device. A separate partition within the schema object is then automatically created for a) each identified unique date of the entries within the log file data that is not associated with an identified existing partition, and for b) each date immediately preceding each date in a) unless the partition has previously been created.

1459826335-90996ee9-dc76-4758-9a45-6857191a265e

A three dimensional puzzle assembly 12 is formed of a plurality of puzzle pieces 18. The method further includes dragging a second dragging kinetic frictional rolling force inducing member having a kinetic friction coefficient larger than that of the first dragging kinetic frictional rolling force inducing member and installed at an intermediate portion of the rolled tube to secondarily absorb and reduce kinetic energy. The memory circuit further includes a plurality of local bitlines, wherein each cells is coupled to one of the local bitlines. A method of administering the gellan gum film coated tablet as a pharmaceutical. 5 to 35 atm %, respectively, or formula :  $P_{Tu}R_{ux}T_{ay}T_z$ , in which T is at least one element selected from the group consisting of Ct, Mo, Nb, Zr, and T; u, x, y, and z are 40 to 70 atm %, 0. According to the present invention, a scheme is provided to enable devices which operate in TVWS to request response information on an available channel in a plurality of geographical locations in a more accurate and efficient manner.

1459826335-e71ef69f-3cee-453a-a085-44c7f8c889aa

An antireflection film laminate comprising a low refractive index film on the surface side and a high refractive index film which is disposed under the low refractive index film in contact therewith, wherein the high refractive index film is formed as a discontinuous layer in the planar direction. The tachograph additionally includes a further interface, by which a network connection can be established between an external data input device and the output unit, so that data kept available on the external data input device can be output by the output unit.

The soluble element is dissolved to leave a use fabric suitable for other processing, such as coating with materials such as latex, the non-fluid-soluble strand may be either a single strand or multi-filaments of steel wire. Such a topic-based score may indicate authority and/or impact of a user with respect to a topic. The phase interpolator circuit generates the periodic signal.

1459826337-fdcda18d-f839-48db-9755-3d06dd12f7f0

A microprocessor includes a functional block having dynamic power savings circuitry, a functional block control circuit, and a thermal control unit. A second planar distance between a first end of an electrode layer and a first end of a pad is greater than a first planar distance between the first end of the electrode layer and a first end of an opening. Alternatively, the suspension platform may be removably suspended between two front seats of a passenger vehicle. A second terminal is disposed on the second surface of the dielectric portion for connection to a second electronic component. A second group of threaded connections are determined and the assessed performance factor from the first group is applied to a second group, and the performance limits of the second group are defined over the range of conditions based on this characteristic performance factor, without requiring testing the second group. The pry flange has a portion that terminates short of a wall of the nozzle receiving socket to create a gap sized for ready insertion of a tool to facilitate removal of the nozzle from the nozzle receiving socket.

1459826338-53a58517-9cea-431d-b43a-9bdb887d85a8

The invention relates to the discovery of a selective cell surface marker that permits the selection of a unique subset of pancreatic stem cells having a high propensity to differentiate into insulin producing cells or into insulin producing cell aggregates. Labeling is accomplished by coating a particle with at least one dye or nucleic acid sequence encoding a marker protein. , and the decoding time point of the picture is determined to display the corresponding picture by appropriately adjusting the transmission bit rate and the status of the VBV buffer according to the trick play mode in playing back the digital video stream.

1459826338-54bf398c-5670-4497-9df5-d1c81a6161fd

A system to scan 3D images applies sensor fusion of a passive triangulation sensor in combination with an active triangulation sensor to obtain high resolution 3D surface models from objects undergoing arbitrary motion during the data acquisition time. In a first aspect, the method comprises a computer partitioning a query into a set of partitions along a dimension of a multi-dimensional data source, wherein each partition of the set of partitions comprises more than one member and the query has a query result count. The customized etching is a personalized statement regarding the passed individual that is imprinted into the glazing in order to preserve the memory of said individual for as long as the memorial stands. TiO<sub>2</sub> nanoparticles produced are of the anatase polymorph, of the rutile polymorph, or a mixture thereof, and have particle sizes in the range of from 10 nm to 100 nm. Therefore, the switching of the facsimile is not limited by the switching control requirements of the media gateway, which is favorable for flexible expansion and interconnection of the facsimile services.

1459826340-2fe5fa23-440a-4b3a-a38c-71b4979fc585

Backings for carpet and carpet tiles are formed from various post-consumer and/or post-industrial polymeric waste materials, for example, post-consumer textile waste material, post-industrial textile waste material, and/or other post-consumer and/or post-industrial polymeric materials. Timing adjustment circuits implement coarse timing adjustment and fine timing adjustment for chip timing analysis. A second image data is received, the second image data including the object captured in the first image data. Further, parts of the electrical lines positioned in the upper layer are made into ground lines for giving ground voltage to the spacers. Such a method allows for a real time prevention of intrusion by letting the intrusion



detection process interact directly with the access control system, and change the user authority dynamically as a result of the detected intrusion. The circulating fluidized bed reactor section maintains nearly plug flow conditions that allow continued conversion of unreacted feed components through primary reactions while limiting the time for secondary reactions to continue and diminish the final yield of products.

1459826340-6219785f-cde3-4351-9150-3777b2a70dce

A mounting apparatus is provided for a storage device. To be concrete, in a test mode, a stepped-up voltage  $V_{pp}$  higher than a power supply voltage  $V_{cc}$  applied in the normal mode is applied to a fuse element to be disconnected to remove a disconnection defect left in the fuse element, thereby enabling perfect disconnection of the fuse element. The pipelined processor core further comprises a second stage configured to selectively perform one or more operations on the combined data from the first stage and other data responsive to the one or more decoded commands.

1459826341-314722f6-c106-48af-b4dd-004c6bef406d

Disclosed herein is an apparatus for measuring residual stress, methods of measuring residual stress data and residual stress using the apparatus, and a recording medium for storing software of the residual stress measuring method. The filtering techniques may select one or more different types of filtering for each video block of the video unit based on various factors such as whether the video block is inter-coded or intra-coded, and whether adaptive interpolations were preformed during a motion compensation process during the encoding of the video block. An equipment-information setting unit stores the equipment information into the equipment-information holding unit based on image data read from the printed sheet on which the equipment information is printed.

1459826341-bb5b8f01-49b4-4e3a-89a5-906d00bac8ee

An electrical connector assembly of the present invention has a pair of connector housings 2, 3 able to be fitted, and a lock arm 4 engaged with one 2 of these connector housings and holding a fitting state of the pair of connector housings when the above pair of connector housings 2, 3 is fitted. Another aspect of the present invention provides a switching amplifier that is completely off when there is no input signal. In an initial step of the program, prestored viewer profile information is read. The example method also includes reducing a number of available transmission credits for the aggregation group and reducing a number of available transmission credits for the assigned virtual link. The environmental impact information collection system then obtains a set of environmental impacts in a product's life cycle. Information is processed by pattern recognition using the neural network by storing a plurality of output patterns to be recognized in a pattern index; accepting an input pattern and dividing the input pattern into a plurality of components; and processing each component according to the pattern index to identify a recognized output pattern corresponding to the input pattern.

1459826341-f6ae5a3c-417a-45e4-aea6-7a0b1539d088

Memory interleaving includes providing a non-power of two number of channels in a computing system and interleaving memory access among the channels. The system comprises a housing with sensor for monitoring environmental parameter in the vicinity of the manhole. The electronic enclosure may include an electrically-operated interlock mechanism preventing the insertion or removal of the electronic enclosure by preventing movement of a shaft attached to either or both of the levers.

1459826342-5a87a60d-d322-49fd-b0c1-469bed182e19

A method and system for cross-marketing products and services to customers of specific merchant web sites on the Internet by a merchant loyalty service provider web site on the Internet, provides a hyperlink to a merchant loyalty service

provider web site from a merchant web site whereby customers can access the merchant loyalty service provider web site directly from the merchant web site. The composition comprises: a biocompatible block copolymer comprising one or more elastomeric blocks and one or more thermoplastic blocks and a therapeutic agent, wherein the block copolymer is loaded with the therapeutic agent. A light emitting component delivers light into the photo-elastic material, wherein the light delivered by the light emitting component is directed through the photo-elastic material along an axis of the rotating shaft. The secondary rocker arm interacts with a hydraulic piston, which is displaceable in a hydraulic cylinder and which forms part of a hydraulic circuit having a hydraulic fluid source, and which permits switching between at least two different working positions. A representation of the telephone number associated with the at least one unclassified source of the incoming contact is transmitted to the second device.

1459826342-e8283ba0-c0c8-438a-a8ca-37903f476820

A user equipment including a processor configured to transmit control plane data irrespective of on-duration/off-duration status. The piezoelectric film preferably comprises polyvinylidene fluoride. The radiation members are made of a metallic material containing Cu or Al as a main component.

1459826343-2b13bf27-9e02-4f7c-9e52-5dd1886c427f

A plasma spray method for the manufacture of an ion conducting membrane, in particular of a hydrogen ion conducting membrane or of an oxygen ion conducting membrane. The system, as embodied in a mobile terminal device, comprises a mobile communications component that communicates wireless signals, and a location services component embodied in the mobile communication component to provide positioning information. A hydraulic system withdraws the wheels, rendering the cart stationary. The replay detection unit may be configured to detect that one of the operations in the scheduler should be replayed. Thus, a DRAM -based logic merged memory is implemented without degrading dielectric breakdown characteristics of the gate insulating film. A memory in the read channel interface is enabled by the programmable control logic for receiving servo field data from a read channel device, wherein the programmable control logic is configured to operate in a first mode and a second mode allowing the servo controller to process servo data from the read channel device.

1459826343-49bdb6d8-e1fd-4473-885b-118275eec79b

Device for taking radiologic images, of the type comprising a means of emission of an X-ray beam and a means of reception of the X-ray beam after it has passed through an organ to be studied. Each of the signal splittercombiner networks has a calibration signal sampling point in electrical communication with a signal input point, and signal output points. The data system is configured to receive data and the control signal and to align the data with the output clock, based on the control signal, to produce output data. The attachment assembly includes a T-bolt, a split pipe clamp support, a ratchet nut with peripheral ratchet teeth, and a ratchet lock washer. In the system, the VPN can include a directory enabled networking table management scheme. A middle part is comprised of a metal plate to which at least one circuit board can be attached and recesses are provided which, together with the at least one circuit board, can produce chambers into which the components of the one electronic circuit protrude.

1459826344-733e3dac-f888-42ee-9374-d951c3054d57

An electronic RF power device includes a transistor chip, a device input terminal and a device output terminal. When the arm joint angle value, which indicates the angle created by the upper arm and the lower arm at the arm joint, indicates the first angle value, the fabric of a first wrinkle image is generated on or near the arm joint. Workloads grouped together can all execute from the same source of instructions, on one or more different private data elements. A receiver unit is coupled to an actuator coupled to an actuatable device, such as an irrigation

valve, the actuator configured to actuate the irrigation valve to control the flow of water therethrough. When an operation to scan the next document is specified, the ADF or manual-feed scan operation is performed.

1459826344-73a90145-0733-4a88-a961-790bc4b45d59

An apparatus for an airbag arrangement including a frame part and an airbag package. In some embodiments, the sensors have a measurement zone that has a volume less than the volume of the sample chamber. The invention is distinguished in that within the rotary tubular furnace a weir is disposed which at least partly closes the interior of the rotary tubular furnace.

1459826344-ab8f5fa8-766e-4c93-8bbc-8865ac9b6422

A device for machining a material with ultrashort laser pulses is described. Each computer includes a computer chassis containing at least a processor and a data storage device and a plenum extending from the computer rack for channeling cooling air from the plurality of computers provided in the computer rack to a location exterior to a site where the computer rack is located. In some embodiments, the verification process may be repeated in order to ensure that the data has been rendered useless across all nodes of the remote cloud platform. The capsule is configured to be advanced down the catheter. The entire apparatus is made compact without decreasing a recording medium feeding performance and a printing process capability by that a plurality of processing units serving for the printing processes and recording medium feed path linking those units are arranged reasonably.

1459826345-123a4b02-a8f9-4b88-b1ba-adbea8be2879

A vehicle seat cushion composite is provided with a structural layer adapted to be mounted within a vehicle to provide support to an occupant. A mobile station initializes a radio link failure counter for detecting the radio link failure and determines whether decoding of a message on a downlink channel is successful. The formed memory device may be a NAND-type non-volatile memory device having a SONOS gate structure, for example. The facility weights each of the distinguished advertising messages based upon its expected level of performance, and randomly selects one of the distinguished advertising messages in accordance with their weights for presentation in connection with the selected instance of electronic content via the selected device. A merged variable length symbol comprised of the unprocessed data bits and a plurality of data bits from the second data block is extracted from the merged data block.

1459826345-a35bb67d-47cd-4547-b6f0-1376f441c365

A method and apparatus for treating slurries of organic solids is disclosed. The apparatuses and methods of the optical communication system also enable the dropping and inserting of selected single protocol signals at intermediate sites of a DWDM communication link which is less costly and makes less wasteful use of optical wavelength channels for the communication of lower data rate information. The sensor casing has a predetermined portion exposed outside from the connector casing. The converging layer, the second dielectric layer, the gate layer and the first dielectric layer are patterned to form a window exposing the substrate.

1459826345-d7eb5cc1-4f74-4247-83c2-bfc81dc76c83

The present invention relates to a signaling method and a network element for a virtual private network, wherein a request for dropping a signaling of the virtual private network is transmitted from a network element to a proceeding network element, if the network element detects that the virtual private network signaling cannot be continued through a connection of the telecommunication network. The double-ended inverter system further having a secondary energy source, a second capacitor coupled in parallel to the secondary energy source, and a second inverter system coupled to the secondary energy source and adapted to drive the load. Methods for producing a canola plant containing in its genetic material one or more

traits introgressed into NS6594 through backcross conversion and/or transformation, and to the canola seed, plant and plant part produced thereby. The selected mainframe events may then be converted from a character encoding specific to the mainframe to a generic character encoding, and routed to at least one destination Security Information Event Manager application.

1459826346-8664066e-8b2d-41e7-8ba1-6e8edcd107bc

A method for rapid prototyping by using plane light as sources treats the raw material by two stages. The article has a porous structure that restricts the passage of cryogenic fluid in the liquid phase while permitting the passage of cryogenic fluid in the gaseous phase. Each of the body and lid has a closure surface that is in close proximity with the closure surface of the other when the container assembly is in a closed condition. In one embodiment, an air duct is located over a plurality of the frame components. The cutting insert includes a contact surface for mounting the insert to the seat, and a plurality of fingers projecting generally radially with respect to the center axis.

1459826346-de4602db-c3e5-4598-88e1-9e8d39ad360c

Disclosed is a method for determining a wireless communication system by selecting a wireless communication system without considering a corresponding service area. Systems disclosed herein also include a detector, which detects electromagnetic energy from the area intended to be illuminated by the system, of a wavelength absent from a spectrum of the combined light system output. A drive device and an imaging device C of the present invention include a shape memory alloy actuator and the position control device 1. The presence of the antioxidant improves the stability of the poly-ene macrolide to oxidation. The persulfate microetchant composition is stabilized with acid and phosphate salts to provide a process that is stable, fast acting, environmentally acceptable, has high capacity, and can be performed at room temperature.

1459826347-1c489a23-46d0-4a53-8d44-460f64a106ad

A circuit board comprises a center segment distributing power and low-speed signaling, and outer segments for high-speed signaling. The front wheel drive consists of components located on the axis of steering within the head tube and positioned symmetrically in a counterbalancing fashion within the front fork in order to counteract the torque reactions from the rotating front wheel drive while providing a full range of steering. The one or more vortex generators may prevent stall of the diverter at high attack angles. Further, the method includes operations for sending a challenge to the second player, and for detecting that the second player completed the modular game in response to the challenge.

1459826347-837228b2-0a0b-4900-b73d-5a0af1d5ca0e

A robotic system that includes a mobile robot linked to a plurality of remote stations. The global clock is distributed to controllers of various networks, and from there to network access devices. A system for acquiring program guide information conveyed on one of a plurality of broadcast channels involves scanning through received broadcast channels to identify program guides available on individual channels.

1459826347-f429e5e3-847f-4f72-97a0-180ad75569ab

An inhibitive water-based polymer mud system and method for using the system in drilling and in stabilizing wellbores is disclosed for use in water sensitive formations as an alternative to oil-based muds. The process is comprised of taking a first pair of athletic shoes 14 and removing a portion of the sole having cleats therein, the selectively removed portion hereinafter referred to as the cleat plate 22. The optical pickup and the optical disc drive comprise two light source sections and a lens-supporting mechanism. In a second rotational direction, the frictional engagement is arranged to urge the engagement element to radially displace such that the first and second annular elements are rotationally

independent. The vascular device collapses during removal to prevent material from escaping from the sac. One or more semiconductor laser array chips overlies the second support component.

1459826348-0ebd28a5-87e4-42f9-89c9-0b346572d593

The present invention enables the remote activation of a device by a packet-switched service, e. The membrane also prevents blood clots in the atrial appendage from escaping therefrom and entering the blood stream which can result in a blocked blood vessel, leading to strokes and heart attacks. The system also includes a controller that collects data from the plurality of agents about current operating performance of the computing environment, and uses the data gathered to enforce policies and to deploy services in a way that honors one or more service level agreements of the deployed services. There is also provided a liquid pack comprising a container having a closable opening and an aqueous liquid in the container. Accordingly, the response to introduction of exhaust gas is not deteriorated but is maintained.

1459826348-9bd622fc-ad7f-4b40-8b88-1fa1e94d289b

According to one embodiment, an image forming apparatus includes an image forming section, a fixing device, and a control section. The touch screen overlay apparatus comprises a flexible membrane that covers at least a portion of the rigid contact surface. The frequency difference between the transmitted and echo signals are determined at least once per chirp segment. Based on the race logic audit results, race logic synthesis is performed on the common design database, and getting rid of all identified race logic in the IC design. The processing circuitry then extracts data from the set of information signals of the BBIF MFBMS signal. Miniaturization is achieved through providing a unique geometry for a resonant narrow slot antenna.

1459826349-5fc58609-f803-48af-ae51-195812f5984c

This invention provides an isolated nucleic acid molecule which encodes immunoglobulin receptor, Immunoglobulin superfamily Receptor Translocation Associated, IRTA, protein. The base station is adapted to serve the user equipment. In a closed state, in one embodiment, the present invention corresponds to the form used for typical cellular telephone use. A weighted sum using the set of scores and the weighted average score is calculated. When the displacement of the threading dislocation D1 expressed by Burgers vector is preserved to develop another dislocation, the spaces, vary the direction of its displacement. Carbon nanotubes are then grown in the pores.

1459826349-b7522451-e5c8-4666-9672-82569fe36c86

A bearing fixed assembly in a direct current fan includes a fan base, a motor unit, and a fan blade unit. The capacitor is preferably a super capacitor. Players evaluate evidence for relevancy in its ability to form solution concepts. The failover driver monitors connectivity information associated with the first network connection and, if failure of the first network connection is detected, establishes a second network connection between the host computer and the target on the storage router. The compiler configures a first instruction included in the plurality of instructions to access a first global virtual register.

1459826350-38e5c97b-81ef-4767-a7f6-30df531792f5

A debug control system and method thereof which includes a debug device and a wireless communication module. Particularly, the device is adapted for the insertion of electrode arrays having an elongate carrier member and a removable means extending through the carrier member. End caps configured for offset or inline supporting brackets can include the reinforcing ribs. The tracking circuit is electrically coupled to the third terminal and the node, and configured to receive the node voltage and generate a control voltage at the third terminal based on the node voltage. Each of said ferrule receiving structures is adapted to accommodate a flange of at least one of said ferrule systems and said ferrule

receiving structures are arranged such that adjacent flanges of said ferrule systems substantially abut each other or at least partially overlap. The charge pump circuit eliminates the need for diodes for preventing a current from flowing back from a high potential side of capacitors to prevent a reduction in the voltage due to a forward voltage, and reduces a reactive current and latch-up when the charge pump circuit is integrated into a single IC chip.

1459826350-9def8388-9ae2-466d-ac75-5998590a1310

A method and system for handling received out-of-order network data using generic buffers for non-posting TCP applications is disclosed. In each half of a semi-elastic plastic material, at least one groove is provided in the shape of half cylinder. The stylet has a tip containing at least one blade and a central passage. In the process, the fabric is treated with a dispersant leveling agent, the treated fabric is dyed and the dyed fabric is rinsed with a softener. The elastic members 36 are compressed on the positive side of the torsion characteristics, but are not compressed on the negative side of the torsion characteristics until a torsion angle exceeds a predetermined value.

1459826351-5fa31d76-dce7-4cc8-b2b8-945bd438448d

The present invention relates to novel synthetic polysaccharides with antithrombotic activity exhibiting at least one covalent bond with biotin or a biotin derivative and to a process employing avidin or streptavidin which makes it possible to neutralize these polysaccharides. The charge controller includes a voltage sensor 133 that detects the voltage of a capacitor 101, a current sensor 135 that detects the chargedischarge current of the capacitor 101, a battery ECU 123 that estimates the SOC of the capacitor 101 based on the detected voltage, and a management ECU 117. All droplets are polymerized and chain-extended in one step to form hybrid particles containing a polyurethane and a polymer of the monomer. The method may also include determining whether the transport request includes at least one error by at least evaluating the metric value for each of the one or more metrics and comparing the metric value for each of the metrics with a threshold value; and proposing, based on the determining, at least one training course when the transport request includes the at least one error. The present invention provides a BAN wireless communication control method, comprising the steps of transmitting a discovery request frame including a selective standard profile, and receiving a discovery response frame from a host that provides at least one of services specified in the selective standard profile.

1459826351-8eb80f7e-61b4-45ee-b7c5-a8cc769c5dd1

A media player having a touch pad is disclosed. The inventive method allows a user to select and compare business locations based on demographic and/or economic criteria and to optionally determine financial factors associated with operating a business in selected locations. It is determined whether an action of the request requires an unavailable resource and it is determined whether the mode option is for the action requiring the unavailable resource. of the foam rubber layer 6 is from 0. Therefore, a number of formed pages per minute may be increased, and images may be formed at high speed. The retransmitted data packets being retransmitted in form of a selected one of a plurality of different redundancy versions.

1459826352-a69810b9-0d07-4ee2-8a7b-ee5dcf42b2e1

The invention relates to a thermoplastic membrane which is formed from a blend of:. Thus, the electrical connector assembly avoids damage caused by vacuum suction during the manufacturing process and the strength of the cover is therefore enhanced. The gas generator is arranged on the upper surface of the seat pan and is fixed to the seat pan with a bracket. Xn Men+, wherein a, b, and x satisfy the formulas  $0 \leq a \leq 2666$ ,  $0 \leq b \leq 2664$ ,  $0$ . A device is also provided that is easily retrofittable with the existing ignition system of a powerboat.

1459826352-b6216193-963a-4dba-ac8f-355793fe2707

A belt conveyor system for creating an overland material transport assembly on a ground surface comprises a frame configured for transportation over the ground surface, a plurality of pivotally connected conveyor belt support sections, a head pulley assembly mounted to the first end of the frame, a tail pulley assembly mounted to one of the conveyor belt support sections, and a conveyor belt. Terrain correlation is used to get the missile within the acquisition range of the homing system, and the homing system is used in the terminal phase of operation. The mood projected by an avatar also may be modified based on user action, such as user input of a mood to be projected by the avatar.

1459826352-ce48d2b2-4210-43ed-b844-dbca695172ea

Production of heavy oil and bitumen from a reservoir is enhanced by cyclic radio frequency radiation of the well. The compounds and salts of the invention are useful in the treatment of conditions mediated by glucocorticoid receptor activity. Each PDU includes a message type field explicitly indicating to the intermediate party if a received PDU encapsulates another PDU intended to be sent on. The steel member is then quenched.

1459826352-d403e7df-ffbe-4e90-a43a-0ed8adf51011

The plant contains high temperature fuel cells which form a battery in which electrochemical reactions can be carried out with a fuel and a gas containing oxygen while producing an electrical current and a hot exhaust gas flow which transports waste heat. The predictive routing scheme may be used to provide Quality of Service guarantees for both Constant Bit-Rate and Variable Bit-Rate traffic types. The software system includes a computer-readable medium storing a software program having first, second, and third routines. A biasing member is arranged to urge theawl along the axis when the apparatus is mounted on the ion source to create a mark for aligning the laser beam. Alternatively, if the design \u201cdefect\u201d which was created is permanent, after the new electrical schematic is extracted from the modified physical layout, the product is fabricated and the known design \u201cdefect\u201d location is used to correlate to the electrically-tested defect logical location.

1459826353-d591b768-2bf3-4b12-8193-d80536cae314

A keyless chuck is provided, comprising a generally cylindrical body having a forward and rearward portion with respect to an axis, the forward portion including a radially outwardly projecting portion of the body. At least one communication device associated with an entertainment device is situated in close proximity to the entertainment device. The control system provides for responsive input and automatic directional stabilization of the motor. The method receives a plurality of replies to the transport stream map request. The movement of the fork element relative to the clamping member is limited by abutting surfaces on the fork element and the clamping member. Thus, in comparison with the conventional art whereby a positional recognition operation is performed every time bumps are formed on each IC, the number of times of performing positional recognition is greatly reduced, so that productivity can be improved.

1459826354-2f69dc73-b5a2-4dee-8f3f-ed678bd8eb21

In accordance with a first exemplary embodiment of the present disclosure, a mounting arrangement for use with an LED power strip module is provided. A radiation detection device and a radiation detection system that have the semiconductor device are also provided. In addition, using the switching module, the second part can maintain the coupling of subscriber lines to the backup communications equipment when the first part is removed from the card assembly.

1459826354-32a84a90-fb74-41f4-961d-eba9f9edf2d0

The invention relates to a method for dissolving carbon nanotubes consisting in reducing the nanotubes in such a way that the nanotubes which are negatively charged with positive counter-ions are obtainable. The video asset includes primary

elements such as a primary composite video module that produces different types of a primary video signal and outputs the primary video signal, and a secondary video source module that produces a secondary composite video signal and outputs the secondary composite video signal. Each of the surfaces extend a distance relative to one another. A collector of the transistor is connected to an upstream side of a resistor of a determination part. The inventive deburring tool is particularly advantageous in that it can be used in intermittent assembly lines with the latest manufacturing technologies. An exemplary use of a temporal database to manage roles and responsibilities within an organization is described.

1459826354-bf56a025-670a-42a4-9987-ebedd8e47ec0

A PLL -controlled oscillator has a temperature-compensated crystal oscillator having a quartz crystal unit, an oscillating circuit connected to the crystal unit, and a temperature compensating mechanism for generating a temperature compensating voltage for compensating for frequency vs. The invention also relates to the use of said pigment mixture, inter alia, in paints, dyes, especially printing inks, plastics, powder paints, pastes and cosmetic formulations. Additionally, a multilayer wiring area is formed on circuit element area. A clock signal is input to the second transistor. Devices suitable for performing high intensity focused ultrasound, as well as HIFU and ultrasound imaging, are also described. The method also includes the step of transmitting, with the processing device, at least one of the plurality of recipes to the consumer wherein the plurality of ingredients of the at least one of the plurality of recipes is correlated with the identities of items purchased by the consumer.

1459826355-0836b590-2fcb-4229-b770-f712c063e15c

A handheld nozzle cleaning device includes a cylinder and piston disposed within the cylinder. If CSI mode 1 is selected RI and W1 are jointly encoded using codebook sub-sampling in report 1. The second distance is a distance between the projecting unit and a second point in the projection area.

1459826356-200367f1-d448-4668-9e50-77a4ebfd1c14

The present invention provides an apparatus for determining a seat belt tension is within a proper range. A moveable sealing mechanism has a first position in contact with the catcher and a second position removed from the catcher that permits drops to travel past the catcher. A protective, non-conductive electrical shield is located between the electrical stud and other conductive components within the welding apparatus to prevent arcing between the electrical stud and those conductive components as well as to prevent arcing between the electrical stud and the metal enclosure itself. A first member and a second member are disposed in opposition to each other with the liquid crystal interposed therebetween. Bills are projected and kept to be projected out of said depositreturn port by the specified amount by said bill conveying device when the movement of the bills which are being taken out of said depositreturn port is detected by said takeout detecting device. One embodiment comprises a panel having a set of drivers connected to a subpixel rendering circuit in which the number of data lines going to the drivers is less than the different number of color data sets generated by the subpixel rendering circuit.

1459826356-86b68ff0-9616-4d05-a077-252a58169d80

A coolant circulation system for an engine efficiently cools the engine to prevent the capacity of an electronic water pump from being excessively increased. The sensor assembly has a pressure sensor subassembly with a pressure transducer positioned to detect pressure variations associated with a shock wave from a passing projectile or the muzzle blast following the shock wave. The compound slide system is controlled so that the wheel is configured in accordance with a profile. As the wastewater and the FSC polymer coagulant are mixed in the reaction tank, the coagulant flocs the slurry chemicals in the wastewater and removes the chemicals from solution in the wastewater as a precipitate before the wastewater is directed



to a clarifier.

1459826356-9ae3897f-3aea-4c28-8254-57ed04ddf4e3

A method and system for event polling have been disclosed. The compositions and methods are useful in applications such as radiation curable ink jet systems where viscosity is reduced by heating. 0hexanes, and related processes and intermediates for preparing these compounds, as well as compositions and methods employing these compounds for the treatment and/or prevention of central nervous system disorders, including depression and anxiety.

1459826356-a2fecada-8230-43b2-98f4-22aea93ed2f5

An apparatus is provided that includes a mold that includes a first cavity defining a toothbrush body, a first injection unit in fluid communication with the first cavity and a second cavity, and a second injection unit also in fluid communication with the first cavity. The meter includes a pipeline, a continuous dewpoint meter able to support negative pressure, as well as the use of a orifice plate and two vacuum meters capable of measuring the pressure of condensable steam as well as a orifice which, allow a pressure drop. In view of that sizes of the AF imaging devices 22A and 22B are smaller than that of the video imaging device 26, the object images formed on the AF imaging devices 22A and 22B are reduced by a reduction optical system 17. Tension is only applied to any additional length of suture that is extended from the device. When the transfer circuit is in standby, the feedback of the output voltage provides for voltage-balancing in the input-transfer circuit, thereby reducing or eliminating leakage current in the input-transfer circuit.

1459826356-e501ce11-075a-4e43-9867-4c81abd35856

A new and distinct cultivar of Fothergilla major plant characterized by its striking glaucous, blue green leaf color. A traffic flow of captured data packets received at an ingress port of a network captured traffic distribution device may be sampled at a frequency corresponding to a first time period. The refractive index of the substrate is equal to the average refractive index of the liquid crystal at a wavelength in the blue light spectrum. This in turn reduces the amount of additional data which needs to be created and can simplify the relationships between characteristics in different levels of the hierarchy. A Kinoform lens element is designed at 5000 GHz. The adjustable boom bar can be attached to an end of the boom opposite the projector such that adjustment of the boom bar raises and lowers the projector via a lever action about a fulcrum.

1459826357-4acf38db-a916-4120-9f07-a8e88f1d5333

A holder for securing a writing implement to a worn article is described. A network access point monitors operation of wireless devices within a service region. Embodiments of the anchor attachment system employ a pin, a cross-pin, a spring element, and a locking cam working in cooperation to secure the pin to first and/or second ends of the tensioning device.

1459826358-71ab3b51-2fff-4810-bce3-53a1a7679635

An arbiter and bus system adopting the arbiter are provided. Channel state information of a channel between two transceivers is estimated periodically. The first hardware unit performs 3-D clipping of primitives using a first processing unit used for a first graphics function, e. By adjusting the transparency level, a more effective visual presentation and user experience is created. The improved planarization process includes the formation of a flat planar surface from a deformable coating on the surface of the wafer using a fixed flexible planar interface material contacting the deformable material. The central flow body also includes a central, protruding flow diverter upstream and central of the annular seal.

1459826358-8f3f71e0-9e85-4ac4-a63f-4d9a6ba200dd

A method and a system for detecting the level of fluid in a container is provided: The level meter includes first, second and third generally parallel probes being positioned within the container. A graphical icon, such as a circle, may be overlaid on the neighborhood of the pixels to be processed. In another embodiment, the material can include an optical coupling material. In a multi-player variation, individual players attempt to achieve patterns of matches across their own matrix and combinations of contiguous matches spanning the matrices of two or more of the players.

1459826358-bf48760a-6cf1-48c3-babb-d521608ea69f

A signal output circuit for switching an output operation of an input signal is disclosed. A starting splash block is positioned proximate a building's foundation and under the building's water discharge line. In particular, this invention provides methods for development of therapeutics that selectively enhance fatty acid oxidation, increase energy production, and reduce adiposity while preserving lean mass, through the pharmacological stimulation of CPT-1 activity. A scanning arm driver moves the substrate holder in the scan plane in a desired two-dimensional scan pattern relative to the beam path.

1459826359-9e5a03d2-7566-4f5d-8173-17f09209b53e

A data converter for digitizing an analog input signal and providing digital output data at one or more conversion cycles includes a logic circuit for generating a data conversion diagnostic bit having first and second logical states. An active entry within a virtually hashed page table is populated. Existence of a well control event is determined when at least one of the following events occurs: the rate of the selective pumping remains substantially constant and the annular space pressure increases, and the rate of the selective pumping remains substantially constant and the annular space pressure decreases.

1459826359-bfcb8699-bb14-4f76-b9c6-12177d1ad15e

A polymeric electroluminescent device suppresses photo-oxidation and enhances luminous stability and efficiency by using a nanocomposite of a luminescent polymer and metal nanoparticles as its emitting layer. The invention further relates to a device for controlling a scanning probe microscope. These colour changes are visible to the users of such articles. The wireless communication device and wave antenna may be placed on objects, goods, or other articles of manufacture that are subject to forces such that the wave antenna may be stretched or compressed during the manufacture and/or use of such object, good or article of manufacture. The second spindle can move linearly along a fifth control axis parallel to the third control axis and a sixth control axis parallel to the first control axis.

1459826359-dd3fc022-01a3-44bf-a308-1f11d147117c

In a remote control communication system, a transmitting apparatus transmits operation information, which includes switch information indicating the type of the switch and operation duration information, to a receiving apparatus in a vehicle. To increase reliability and to reduce failure due to deformation stress, the invention provides said mold with reduced stiffness at areas located substantially at one of said interconnection elements providing increased flexibility of said package at said areas compared to other areas of said package. Furthermore, by making the cables using textile materials that have been developed for use in garments, the cables are capable of being subjected to standard garment care techniques such as machine washing in the home or dry cleaning. In another embodiment, the invention has a process for preparing the restructured meat product, or the vegetable product, or the fruit product, respectively. An implement with which at least one working function may be performed may be fitted to the vehicle. Moreover, the lower level table can be associated with a tag.

1459826360-91b25a41-283e-4886-90f6-71d23e4e5986

Methods and arrangements for fault localization. The friction element is engaged by

first and second hydraulic oil chambers that individually provide low torque, and can provide a higher torque when working in combination. The features may include skins on support member cores disposed below the tile lower surface.

1459826360-b875050c-01b4-4936-ad50-b581fba56a04

Disclosed herein are systems, methods, and non-transitory computer-readable storage media for enhancing presenter and participant interaction in a presentation. The stroker comprises at least an actuator arranged for displacing a tool in a longitudinal direction of the borehole and grippers arranged to anchor the stroker to the wall of the borehole, alternatively to a pipe wall. The web server introduces the wireless mobile communication device to a gateway. Second data subcategories have a common luminance that is thirty percent to sixty percent of the luminous output capacity of said display, a color saturation that is greater than seventy-five percent, and a transparency of at least forty percent. %, said elastomeric copolymer comprises units derived from ethylene and at least one C3 to C10  $\alpha$ -olefin, said composition has a melt flow rate MFR2 in the range of 5 to 80 g10 min.

1459826361-7e42aee3-5fdb-4103-b97a-d7a859739dc4

A digital system for evaluating foot and ankle radiographs having the advantage of providing accurate measurement information based on selected landmarks on the radiograph. The assembly comprising four equispaced hydraulic piston and cylinder thrust links connecting between the engine fan case and the air intake, which intake is mounted to the airframe. The bridge chip and the CPU are informed of maximum bit numbers of each other for data transmission therebetween via the front side bus. In the case that a transmission is not detected during the LBT procedure, the communication device transmits during the downlink subframe. Electrical noise emanating from a plurality of components of an image apparatus is identified, producing an electrical noise detection calculation based on the detected electrical noise, and inputting the electrical noise detection calculation into an image noise correction calculation apparatus, calculating an image noise correction calculation. The implant may also include a thin-walled sleeve that is coupled to the anchor and extended from the anchor into the intestine.

1459826361-a3490255-8c3a-474a-ada6-498ab676d4b4

On an insulating substrate, a first insulating buffer layer, a heat accumulating-light shielding layer having at least a silicon layer on the surface thereof, a second insulating buffer layer and a first silicon layer are laminated in the order recited from the bottom. The pattern is a self-assembled pattern. An address table memory stores an address table having a destination address and port number pair. Upon entering the carton, the clip is folded in a backwards C-shape. The linear electrodes are formed and arranged in the width direction on the principal surface of each of the substrates, and are electrically connected every predetermined period in their arrangement order.

1459826362-788729f9-1abf-4abd-9af0-31972601e016

A polyethylene may be prepared using a mixture of a silica supported catalyst and a magnesium chloride supported catalyst. The system in accordance with one embodiment of the invention includes a first entity that has a host function and a device function, and a second entity that has at least one of the two functions. In an illustrative embodiment, the amplifier also includes a cascode Darlington pair Q3, Q4 for holding the second output terminals of Q1 and Q2 at a desired voltage to further reduce distortion and to maintain a wide bandwidth.

1459826362-8af7cd27-8667-4b90-8ff6-1cb1c8398bdc

A method of real time ultrasound imaging of an object in at least three two-dimensional scan planes that are rotated around a common axis, is given, together with designs of ultrasound transducer arrays that allows for such imaging. A condition indicative of a bandwidth of the network path is monitored, and at an

intermediate point on the network path between the source and destination, the transmit bit-rate of the multimedia stream is adjusted to adapt to the condition indicative of the bandwidth of the path. The invention further provides a method for treating or preventing hepatitis C virus infection. The analog monitor circuit generates the time constant signal and includes N switches, where each switch is controlled by one of the N bits of the control word, each switch is configured to connect or disconnect one or more capacitors of the monitor capacitor assembly thereby generating a time constant signal that represents the time constant of the RC integrated filter. Because of the common fabrication techniques, liquid metal inductors can be more easily integrated with certain MEMS microswitches.

1459826362-93a6ef0a-58d8-437a-8366-64ef3f633af2

A clip to align a fiber optic cable with a light source within a fiber module. In one embodiment, when the power available from the one or more batteries is diminished, management of power consumption in a battery-powered electronic device can operate or be operated to preserve one or more functions supported by the electronic device. The browser then makes the necessary adjustments to the current display. The first beam serves as a detector; the second serves as a driver; and the third serves as a monitor. Methods of defining diversity sub-channels and sub-band sub-channels are provided, and systematic channel definition and labeling schemes are provided.

1459826362-db33afa4-f34c-459e-9242-7302f41c92cc

A handle is disclosed for tools such as shovels and the like. When a wheel of a wheeled pointing device is actuated by a user at a first rotational rate, the display in a window scrolls up or down one line at a time. This device is intended to alleviate all the known difficulties associated with the use of tubed substances. The inert gas saturated water is then pumped to a sparging column such that the inert gas and undesired gasses will be released from the inert gas saturated water to provide depleted water.

1459826363-01ebfb97-e90e-4a58-acaa-6da7512c9e3d

A heart valve assembly includes an annular prosthesis and a plurality of guide shields removably attached around a circumference of the annular prosthesis. The package is filled with liquid food, and a transverse seal of the tube packaging material is made to form a pillow-shaped preliminary shape container. While, the source and the drain of the PMOS device is epitaxially grown of a material which causes a shift in the strain of the PMOS device channel in the compressive direction.

1459826363-70fa72a3-c08d-423b-b1aa-73022d9b768c

An egg replacer composition is provided that has a low cholesterol content and that can be used for preparing bakery products. The adhering material interconnects the overlapped layers within the roll so that the roll is self-resistant to unrolling. Compositions comprising the pharmaceutical composition, as well as methods of use, treatment and screening are also provided. The standing surface preferably provides about the same standing area that typically provided by a base cheerleader.

1459826363-84b52c12-4433-404c-8fb8-8cd6d23cd528

A network adapter and corresponding method for its use are disclosed. The device includes a fuel tank, a line system coupled from the fuel tank to the injectors, a pump for pumping fuel from the tank to the injectors, and a first regulator valve for regulating the flow of fuel in a first line in the system which is connected to the pilot injector. The second semiconductor region is provided on the first semiconductor region, and includes silicon carbide. First, it functions as a substitute body part, and second, it functions as bioremodeling template for the ingrowth of host cells. A special sputtered electrode is formed which is extremely porous.

1459826363-aeb60cf6-b32e-4cbd-9aa4-b3902cefd074

A bidirectional pneumatic impact wrench has a pneumatic motor and an air control valve. RF transceivers and/or audio system in each media device may be used to wirelessly communicate between media devices and allow configuration and other data to be wirelessly transmitted from one media device to another media device. The collar is capable of being coupled to a leash so the animal can be taken on a walk with the protective collar in an operative position.

1459826363-b7664e99-59a8-41ff-90e0-451aa932a663

A new cultivar of Clematis named \u2018Zoqum\u2019, characterized by its free-flowering habit with bell-shaped flowers that are of red-purple in color and non-fading, its near sterility, a climbing plant habit and its cold hardiness to at least U. The interlock comprises a pivotal hook member that may be attached to a swinging elevator door. A barrel shifter for realignment of cached data during move operations and comparators for comparing a test data string to cached data a cache line at a time may be provided.

1459826363-c636f496-ca69-43cf-96e6-0c97352fc11b

An optical audio disc comprises the first pack, the second pack, the third pack, and the fourth pack in which the A-CONT Pack is placed at the head of a data array and a plurality of the A and V Packs follow the A-CONT Pack in each audio contents block unit. The disposable spacer is removed, and selective epitaxy is performed to form an integrated epitaxial source and source extension region and an integrated epitaxial drain and drain extension region. Access to the private directories may be limited by administrators of the private directories. Subsequent to the client computer hardware logging-on to the server computer system, the client computer hardware attempts to access the service. A shape prototyping system is also provided for designing a custom fit garment for an individual subject, the system being based on the method for categorizing body shape.

1459826364-19b5a523-f8cc-4b25-bde1-495d03e2941f

An algorithm for the promotion of terminal nodes to switch nodes in a PLC network reduces overall network overhead and collisions, while ensuring the appropriate selection of a switch node and minimizing the number of levels in a PLC network. The stored results may be received from local resources local which may be configured by the remote devices based on user preferences to deliver the stored results to the user. Estimates of amplitude spectra are determined from the seismic data. An engaging hole is defined in each bottom wall. Defective sectors in the selected copy are identified. The method facilitates the UE to automatically control MBMS access information acquiring procedure, and further reduces energy consumption of the UE to the maximum extent.

1459826364-99fca0a0-e8c9-4e06-957d-0295dc520534

When rotating a main body tube and an operation tube in a disclosed container toward a first direction, a moveable screw tube advances a predetermined amount. The extracted feature quantities are transmitted to a block degradation calculation part which compares the transmitted feature quantities and finds the degree of picture quality degradation for each block. In a Raman amplification method according to the present invention, the shorter the central wavelength of the pumping light the higher light power of said pumping light.

1459826364-9b7d59e9-af45-44bd-8e87-ac5bfbe2ea52

A method and apparatus for generating bits for a diagnostic routine of a memory subsystem. MR data acquisition is partitioned into at least low and high spatial frequency views and segmented within each of the partitions such that multiple segments of MR data are acquired from each phase of the cardiac cycle for the low and high spatial frequency views. The amount of the respective drying agent can be selectively set depending on the actual moisture present in the medium flow. Also, a measurement configuration for the first mixing product is determined.

1459826365-255c89ae-a16a-4a2a-aef2-83a08d1b903a

A firearm cartridge has a case configured with a relatively straight-walled portion and a shoulder portion for housing a quantity of propellant. The force feedback actuator includes a piston coupled to the control spool and defining a first control chamber and a second control chamber on opposite sides of the piston. The lower conductive member is formed on a lead frame.

1459826365-8c5f4bbd-a439-4fb9-9671-9c9d7b1e60e2

An audio information system that may be used to form and convey an audio message having speech overlapped with non-speech audio is provided. The hybrid driver, in response to detecting the transition, configures the first graphics processing unit to create a frame buffer. at a first temperature rate ranging from 0. In one embodiment, the reference signal is indicative of a predetermined tail current value for the DLL, and the tail current control signal adjusts delay of the DLL to equal the predetermined tail current value.

1459826365-ee7e9af7-38f0-45dd-b1d2-cc35778a6a1c

The disclosed is a memory such DRAM, particularly an X-address extractor, an X-address extraction method and a memory adaptable to a high speed operation. Roles of the pumping duration and character on the temperature and the efficiency of the up-conversion process in co-doped fluoride crystals are set forth. Participants' quantities bid at a given time may be restricted to be less than or equal to the quantities bid at an earlier time. In another embodiment the cart comprises a first platform and a second platform movable between a first position where said second platform is disposed above the first platform and a second position where the third platform is coplanar with the first platform. The reinforced card support post may be mounted to a board adjacent a card connector and the card securing device coupled to the card support post to retain a card in the card connector.

1459826366-533b68e2-5438-4644-bea3-454067aa8bef

To provide a magnetizing apparatus and magnetizing method in which, even in preparation of a ring-shaped permanent magnet having a narrow magnetization pitch with multiple poles magnetized on an extremely small diameter, sufficient magnetization and high magnetization quality can be achieved and powerful magnetization can be carried out efficiently and quickly at low cost. A method of providing configuration files in a computer device includes modifying configuration information provided in the base configuration file using the one or more supplementary configuration files to provide a merged configuration file, and deploying the application program into the runtime execution environment based on configuration information from the merged configuration file. The member extends generally forward and then upward from the body to provide a space above the body and behind the member wherein the space receives an excess cord. In a further embodiment of the invention, the stylet base and stylet cap are separated from each other by a resilient element, such as a spring.

1459826366-a41df7f6-fd3e-4eef-85b1-19087552db83

The invention provides a video camera fitted with telemetry means which provide, in parallel with the image, information relating to the distance of each of the filmed points of an image. The system and method employ a powder loader which guides the plurality of powder materials into predetermined locations in the magnetic compaction tool so that when the tool is electromagnetically energized, the plurality of powder materials are compacted to form a part having a plurality of densified metals formed by the plurality of powder materials. The log function latches the output of a counter in a 12-bit digitalanalog converter at the timing of outputting a pulse from a comparator to determine data written into a data register group. Once the last word segment is deleted, the wide word is considered to have been deleted because subsequent searches for the wide word will not find its last word segment. The enhanced test application sampling software generates a

reduced representative test application software program from the BBV and FBV data utilizing a global instruction budgeting analysis method.

1459826366-f21e103c-6d8f-4b91-b36f-3e3ea05bcdfd

Dihydroisoxazole derivatives are conveniently converted to  $\alpha$ -hydroxyamino acid derivatives which are important as various synthetic intermediates by a catalytic hydrogenation reaction. At high frequencies, the current flows in a superficial skin layer. To execute enlargement processing, the image data is compressed and stored, then enlarged; to execute reduction processing, the image data is reduced, then compressed and stored, whereby the memory resources can be used effectively. An informational tag rail may likewise be provided for removably mounting pricing information or other indicia to the front portion of the suspension rack. At the scene of an emergency, drop readers are scattered about the area.

1459826366-f85d93fd-afffe-4cd8-ad18-2b0a54ba2553

The invention relates to abrasive flap discs which are used for a variety of finishing, grinding and polishing operations, particularly on welded fabrications. A client transmits an RTSP request to a server. , transmission electron microscopy, or some other method that permits discrimination of the heavy element substituted nucleotide bases is described.

1459826367-5391dc5f-b22d-44b4-8065-eb9d5b70d831

The invention relates to a method for allocating an operating address to an operating device for luminous means, in which the operating address is transmitted to the operating device in digitally coded form via an interface which is configured to connect a light sensor. This invention is of foldable-type, when in use, it can be easily pulled open, without need of being connected by bolts. One or more network services are performed on the packet including terminating a TCP connection associated with the network transaction and generating a data stream. The terminals are connected to the busbars respectively to detect a voltage of the batteries.

1459826367-f1f40975-e3d9-4f61-9f0a-b3abb841381a

A safing and arming device is provided for a warhead or round which is to be launched by a rifled gun and which includes submunitions. A chemodenervating agent is disposed for delivery by the microprotrusions and a substrate is provided for supporting the microprotrusions and conforming the microprotrusions to a patient's palm in order to enable uniform penetration of the microprotrusions into the corneum. Said device comprises co-ordination means for co-ordinating operating functions concerning several exchanges. Data for the  $\alpha$  states is removed from the collected data to generate a filtered data set. The machine is highly portable and can be folded for storage.

1459826368-5706b3bd-10c8-4857-a314-66c3912130d5

A dispenser, configured to dispense material on a substrate, includes a dispensing unit having a housing with a chamber, a piston disposed in the chamber and axially movable within the chamber, and a nozzle coupled to the housing. The RF ID tag is coded with a unique identification and certification data on the ionizing radiation sterilization. Each one of the amplifiers is driven into saturation in response to one of the two discrete levels or pinched-off in response to the other one of the two discrete levels.

1459826368-68a7ca4a-4e61-4e6f-ae7-b6f40e96d637

Improper microphone position and speech level on a telephone headset is sensed by comparison of a speech envelope to multiple signal threshold levels. When at least one super-amphiphile molecule is a block copolymer, the resulting synthetic vesicle is termed a  $\alpha$ polymersome. Even if an unauthorized person was able to be positioned in relatively close proximity to a network appliance such as within the physical confines of a data center, these authentication and encryption measures

would make it extremely difficult for unauthorized wireless management of the operation of the network appliance. A vertically adjustable tray support arm mounts a support tray in close proximity to the utility cart. The method includes a projection function capable of creating or reading reduced scale cache images and displaying those images concurrently with full detail source chart images.

1459826368-7a69cf8c-12eb-4a53-a520-a6b85c5844f7

A compound having, in its molecule, a polymethine chain structure containing a partial structure represented by the following formula, and an image forming material containing the same. The watermark identifies the content producer, providing a signature that is embedded in the audio signal and cannot be removed. The spout assembly includes a cap, first and second tubular portions, and at least one corrugated portion. The ground bars 16, 27 adjacent to each other are disposed to be shifted in a longitudinal direction of the cable. A manganese alloy sputtering target which can form a thin film exhibiting high characteristics and high corrosion resistance while suppressing generation of nodules or particles is thereby obtained. Each of the plurality of tubes is selectively controlled to be operable open or closed at a particular length, responsive to identified problem frequencies.

1459826368-83cf21ef-2d61-4f5c-b4ea-9181fc9dc507

A manually operated implement comprising a housing for accommodating a drive motor that drives a tool. The interposer possesses a hemi-toroidal configuration in transverse cross-section and is constituted of a dielectric elastomeric material. Openings in the perimeter beam base align with the forklift tine tubes or sockets. The high voltage module can be being configured to supply a dosing voltage across the X-ray tube and the low voltage module can be configured to supply a dosing current to the filament.

1459826369-aa34c838-4386-4530-ab0b-44ffa652d438

A device is disclosed for removing slag from a coal gasification reactor and to a slag water bath enclosed by the reaction vessel. The present invention realizes a more compact biconical antenna by filling the dielectric member between the feeder portion and the ground portion of the biconical antenna. Also included is an adder configured to form a sum of the L path contributions and for outputting an estimate of a received symbol, and a decision circuit configured to make a decision about a value of the received symbol based on a value of the estimate of the received symbol output by the adder. Such decorrelation may be achieved by sending a first signal to a first receiver while sending a second signal, having a radio frequency spectrum that is the spectrally inverted version of the first signal, to a second receiver.

1459826369-ce97a7f1-4e57-40a0-8b83-a16616c6853f

A design verification system utilizing programmable logic devices having varying numbers of logic processors, macro processors, memory processors and general purpose processors programmed therein is disclosed. Each object is assigned to one of a plurality of sequential layers that correspond to visually depicted depths of the objects in the two-dimensional image. A portion of the encapsulation material is removed to expose a back surface of the microelectronic die which has a metallization layer disposed thereon. The sidewall has five straight sections interconnected by five arcuate sections. For its activation, the catalyst is caused to contact an inactive gas or a hydrogen-containing inactive gas consisting of less than 50 volume % of hydrogen gas and the remaining volume of inactive gas, thereby to avoid poisoning of the electrode of the fuel cell with carbon monoxide.

1459826370-82481644-aa15-43e4-b3e9-3c0eb407b8d0

An oil seal having the usual lips for retaining oil and a guide member made of a variety of relatively stiff or rigid materials. Here, the drive motor 22, which is arranged in the payout unit 20 through the latch mechanism, is prevented from



dropping since the resilient deformable members 40, 40 constructing the latch mechanism are limited so as not to spread by the limit members 53 formed on the inner side walls of the recess portion 51 in the base 50 when the payout unit 20 is assembled to the base 50. A method of the present invention comprises clamping a target tissue or organ with an electrosurgical probe.

1459826370-b90ece81-92df-45e9-87af-3661a11d6098

A vehicle airbag comprises a primary chamber, a secondary chamber affixed to the primary chamber, and a passage between the primary chamber and the secondary chamber. The present invention provides greater material and dimensional control during the forming process by utilizing a pressure sleeve to provide support to at least a portion of an end closure chuck wall and seaming panel radius while placing an end closure countersink in compression during the forming process. A sidewall of the housing defines an opening. The speech segment is converted to a text-segment and the text-segment is associated with the rendered portion of the video content.

1459826371-3e45a350-906d-405b-95e2-f2ecc55f8e06

The present invention provides a transistor 100 having a germanium implant region 170 located therein, a method of manufacture therefor, and an integrated circuit including the aforementioned transistor. The tear-open assistance unit produces an overlap of material in the separation region, the overlap of material extending at least approximately transversely to the conveying direction of the packaging material, and releasably fixes the overlap of material in the separation region. The mass portion includes two rod portions which cross each other in an X-shaped configuration. % of aminofunctional silica nanoparticles, and between 0 and 2 wt.

1459826371-5665e13c-fc16-4279-a4f7-2197815d9453

Methods and apparatus are described for processing data in a wireless communication network. At least one of the inner inner leads is bent in accordance with a bonding position with the inner-side bump electrode. Liners and constraining rings having no, one or more recesses also are provided. According to the method, a wafer with a lower cladding layer already formed by either CVD or oxidation is placed on a conveyer, which may include a heating element. In other words, the HNAs provide hardware-based, seamless access interfaces to overlay technologies used for communicating packet flows through the core switching network of the data center.

1459826371-f0d3a659-41a2-4f00-82b6-10c6c67df30a

A horizontal drive circuit employed in CRT displays which uses a switch-mode power supply operating in a boost topology to generate the appropriate supply voltage needed by the horizontal drive circuit is provided. Such restriction, with optional supervisory control by an authority, protects children from online predators, and can facilitate communication with known friends. Particular metadata are mapped to an address identifier associated with the receiver to determine a location for storing the message, as well as other parameters such as information relating to one or more intended recipients.

1459826372-a337d220-7c00-4426-895f-f5aef552230a

In one set of embodiments, the invention comprises a system and method for automatically trimming the center frequency of a VCO in a PLL. In one embodiment, a method for measuring the size and position of the lens capsule and of the implanted intraocular lens comprises generating and emitting one or more light beams at an angle adjacent to the eye, generating one or more eye images, and detecting the position and/or boundary of a lens capsule from its shadow casted by reflected light on the iris. Under the control of the first module, the user message concurrent with the first visual indicia are displayed on a screen segment of the first end-user's communication device so that the first priority assigned to the received user message is visually conveyed to the first end-user.

1459826373-0e24b8b2-3eed-42e6-8c57-0b9cd9e93cd5

A vehicle includes a first disconnect disposed between a prime mover of the vehicle and a certain one of the vehicle drive wheels. The inverting gates each have input terminals receiving an input signal. A priority-test-branch instruction, which causes the instruction execution module, responsive to one of the conditional tests evaluating as true and to the respective values in the registers, to execute a priority code module. An end wall that is in operative connection with the oscillation damper is acted upon on one side by the pressure in the spring chamber and has an effective area that extends obliquely to the axis of the oscillation damper and exerts a transverse force that is dependent on the pressure in the spring chamber and is perpendicular to the axis. A method of pairing communication devices which communicate along a non-data-cable medium includes sensing a data cable connection with a second device, entering an appropriate pairing state upon sensing the data cable connection, the pairing state being either an add device state or a join device state and performing pairing with the second device along the non-data-cable connection.

1459826373-b6be8e10-d435-42ec-83f4-72c146cbca39

A pixel for use in CMOS or CCD image sensors is disclosed. The neck scarf may be an endless ring, or so-called \u201cinfinity\u201d scarf, or a long rectangle. The method also includes initiating disengagement of the clutch, detecting movement of at least a portion of the motor, and recording a clutch parameter that is generally coincident with the detecting movement of a least a portion of the motor.

1459826373-e7abd1f7-e047-423f-9cbf-88c7358f6170

Aqueous strippable paint comprising one or more pigments, a polyether polyurethane binder having anionic stabilizing groups, and a second polyether having at least 20 wt. The ballasted lamp socket comprises a lamp-receiving portion adapted to be coupled to the gas discharge lamp, an enclosure mechanically coupled to the lamp-receiving portion, a dimming ballast circuit electrically coupled to the lamp-receiving portion and housed within the enclosure, and first and second electrical connections. For example, communications can be monitored to determine when a video game event occurs and then a video game event can be generated. A phase difference of 180\u00b0 is generated between the lights transmitted through the mask substrate and the transparent film or the groove, causing interference with each light to offset each other.

1459826374-460a0b6d-69b7-4d91-be51-59a9970989a3

In a device for damping rotary oscillations in a traction mechanism drive for auxiliary units of an internal combustion engine, having an overrunning clutch, which is arranged between a pulley and a hub, according to the invention a locking device is located between the pulley and the hub, axially behind the overrunning clutch. One device includes a camera configured to produce a motion invariant image of a bar code while the bar code is in motion and a processor configured to deblur the motion invariant image of the bar code. A plurality of bonding wires are attached between parts of the semiconductor chip and the multi-layer resin mask organic substrate to create selective electrical connections.

1459826374-67e16be9-1af0-4799-99b8-f9d7ec496e3f

An image processing apparatus in which an image signal is divided into blocks each comprising a plurality of pixels and a quantization and a variable length encoding are executed so that a code amount of a plurality of blocks lies within a certain range. The control transistors TC1 and TC2 are disposed in the pad arrangement region. The magneto-resistive device has a magneto-resistive layer formed on one surface side of a base, and an insulating layer formed of two layers and deposited around the magneto-resistive layer. The input data decoding portion decodes the first and second bit values based on the amplitude values in the signal that have been converted into absolute values by the absolute value conversion portion.

1459826374-6c4eb7fd-ea60-42d2-bcb9-11f28f2563fa

An apparatus for positioning a graft and catheter operable for subcutaneous access to the vascular system of a patient. The hospital site server generates a plurality of compressed data sets for use by the Internet Data Center. An attempt to write to the flash memory is successful only if a received encrypted certificate is authenticated by the cryptoengine. Thereafter, an average is determined over the plurality of receiver antennas and the plurality of tiles of the plurality of conjugate products for each of the first MS and the second MS. To enable retrieval of the SCR catalyst from the sleeve, a retrieval feature is disposed on a readily accessible, inner surface of the overhang extension.

1459826374-bf16a7ab-de10-4d72-a034-f49b676f34ab

There is provided a battery storage case which is capable of accommodating batteries of different selected types without an unused space being left in a battery storage case thereof and is therefore very convenient to handle by users. The living hinge enables the close-out panel to fold when the stowable vehicle seat is deployed and to open into a flat panel flush with the vehicle's floor that conceals the pivotable connections when the vehicle seat is pivoted to a stowed position. The method also includes coupling the inlet in flow communication with a feed air source. The processor is configured to estimate a quality of each channel based on one message received from the first device over each channel, select for wireless communication a first channel of the plurality of channels based on the estimated quality of each channel, and prepare a selection message indicating selection of the first channel for wireless communication. An authorization token is transmitted to the new device when the association request is granted.

1459826375-26f41357-8c7b-42c3-b04c-d432684ecf77

A bagging station within a check-out counter system and for use by a cashier positioned in a cashier location within the check-out counter system. Further, during a callback period, monitoring whether the mobile station has received a service request from the network and, if yes, ignoring the service request if the service request is a non-voice service request that is anything but a position location service request. Results of this analysis are used to assign a respective block function to blocks of the document content. In some embodiments, the corresponding pattern on the back side is a mirror pattern that matches the functional pattern in size, placement, and number.

1459826375-bd31d164-f46f-4258-ae05-fd7708c8d4da

Systems and methods for testing a network page without encapsulating the network page with a test environment are presented. The face mask includes a body having a peripheral edge for placement against the face of a wearer. In another aspect, DRAM circuitry includes a plurality of memory cells not requiring sequential access, at least a portion of the plurality having more than two memory cells for a single bit line contact.

1459826375-dd5d9f52-3a19-4729-88c4-8f4f1d1cfa2d

A scanner assembly includes a first sealing ring that extends around one of first and second actuating mechanisms of the scanner assembly. According to the method, the request for the key of the first length is received. The spectrum results formed with said different guessed data are used to determine the frequency shift. The controller selects at least one executable case for the collected events.

1459826376-5c4f150c-b230-4a63-b966-e1d74dbca5e6

A data storage tape cartridge used in a tape transport apparatus that incorporates air bearing technology is provided. The steps above can be repeated until all desired PC values and destination values are obtained. To remove, the bottom plate is rotated counterclockwise until the post in the top plate acts as a stop and prevents rotation, and the assembly is then removed from the stake hole.

1459826376-72e6b542-3568-4cf5-91c1-ad4ea4b75fb4

A heat system utilizing solar energy is disclosed herein, which includes at least one solar panel, an energy control unit, a temperature control device, at least one heat-radiating element, and at least one storage cell. In the other cases, the navigation device changes the position determination accuracy of the receiver to a low accuracy. A couple of division gage resistors.

1459826376-9edde6e4-a750-44ca-a47b-f035a79b2c94

Highly pure iron oxides are prepared by reaction of metallic iron, in the form of microspheroidal particles or of scraps or cuttings, with an agitated aqueous solution of a mono- or polycarboxylic acid with a pKa of 0. Conventional memory-space dependent instructions, such as MOV, MOVX, and MOVC, provide an optimized addressing scheme, and an extended memory-space independent instruction EMOV provides an optimized code efficiency, processing speed, and ease of code generation. The high density plasma is set and controlled to isotropically contact particular regions of the inorganic material to allow for trimming and control of a critical dimension associated with the inorganic material. Exemplary useable formats include a canned voice message, delivery to a call center that translates data to voice, text to speech, and text to instant messaging. The memory cell array performs write and read operations in response to signals designed for the operation of a memory cell array comprising memory cells of a type other than the first type. When the sender's address and the recipient's address do not match the list of health care participant addresses, then an identifier is received that associates the electronic message with another legacy system and with a non-participant legacy system.

1459826377-5d85dbeb-f3f1-4df5-a5c6-36f4a5d7fab3

A method for selecting an annotation processor associated with an annotation for reprocessing is provided. At each of the five positions, one or more position indicating signals are received by a microprocessor of a controller and stored for future use. The fin structures may be coated with a catalytic material to enhance or stimulate reactions taking place within the apparatus. Each action includes a tour time. The conductive material of the housing inhibits electromagnetic interference leakage through the panel opening.

1459826377-f30e8c1c-abca-4516-8a1f-7850d2eb2a81

A system including surgical compression clips is described and used for endoscopic full thickness resection. The process involves obtaining a specified parameter for the part at an individual fabrication step; measuring the specified parameter of the part at the individual fabrication step; obtaining a final specified parameter for the part upon completion of the sequence of fabrication steps; and disposing the part at the individual fabrication step. Furthermore, the method includes grinding the urethane sponge or rolling the urethane sponge using a roll press. A control gate opposes the floating gate. A first ring gear half is placed about the outer periphery of the intermediate gears, and attach a torque frame to the carrier. A pillar is formed in the semiconductor material under the isolation region, where the pillar is capped with a first dielectric material to form a void.

1459826378-0a75e5d2-18ca-4d40-b4e5-0d842665f59d

A method for detecting a media change includes the steps of comparing a previous media condition to a current media condition, detecting a media change when the previous media condition is in one state and the current media condition is not that one state and, prompting a user to make appropriate menu selections when the media change is detected. The apparatus may further comprise a rotatable second donor roll that receives the toner from the second magnetic brush roll and delivers the toner onto the photoconductive member, and a rotatable third magnetic brush roll that receives the developer material from the second magnetic brush roll and delivers the toner to the second donor roll. The electro-magnetic actuator includes an inverted electro-magnetic coil assembly and an armature disposed inside the electro-magnetic coil assembly and axially movable relative thereto. The method of

fabricating a liquid crystal display device coating or screen printing a TFT substrate with the light sensitive organic material, and then illuminating selected portions of the light sensitive material to form the organic pixel electrodes. Then the substrate is polished with a standard polishing pad to remove scratch defects created by the fixed-abrasive polishing pads.

1459826378-7b3fb029-695f-41f6-b13a-2c66b87b46c9

An exemplary system has circuitry that receives a first signal, the first signal being generated responsive to a user control for a play speed of a film. Photoconductive gain on the order of  $10^6$  is possible, while maintaining de operating voltage low. An auxiliary link mechanism has a first part supported on the moveable plate and, in turn, by the base and a second part supporting the key top. In immunostimulating composition comprising an encapsulating-microsphere of the biodegradable polymer has an average particle size distribution such that the majority of the microspheres will be taken up by the villous epithelium section of the intestines of a mammalian subject when administered as a vaccine against diseases caused by entero-pathogenic organisms. This forms a packaging structure without bare pins exposed to the environment. A message is transmitted in such a manner that the host designates and notifies the remote device of a maximum message length determined in a way corresponding to the transmission rate of the low-speed bus and divides the message into division messages each not exceeding the maximum message length thereby to transmit and receive the division messages between the host and the remote device.

1459826378-ce0ab11f-c9e9-4ad0-a80f-d169e8b875bc

A computer-implemented method for off-host backups of striped volumes may include identifying a striped volume of data on which to perform an off-host backup operation. The first pole portion projects from a flat surface of a first yoke portion at a medium-facing surface side and having a reduced width at its upper end. For each block, the sharpness according to the Kurtosis of the DCT is computed.

1459826379-9d9ca231-c91a-4c78-931a-ec30b2dca4f8

An image display optical system according to the present invention has an illumination optical system, a plurality of image display elements, a color separationcombination optical system, and a projection optical system. A transmitter 100 includes a slope estimation unit 102 and a slope reference attenuation signal selection unit 103. The system includes a battery powered camera requiring a first voltage to operate and an RF transmitter to send an activation signal to the camera. The expandable fixture may include a mechanism to lock the expandable fixture at the adjusted length. In particular a vertical tensile strain may be formed in a base and collector region of an NPN bipolar transistor and a horizontal compressive strain may be formed in the extrinsic base region of the NPN bipolar transistor. By doing this, it is possible to provide a field sequential lighting device using the light emitted from the light source efficiently and having desirable color reproducibility, and an image projecting device having it.

1459826379-d5b23603-6a31-4376-a784-97ee306e1703

A thermoacoustic device is formed with a resonator system defining at least one region of high specific acoustic impedance in an acoustic wave within the resonator system. A background-field magnetometer and an electrical coil structure are positioned within the enclosure. The thermal expansion of the ash accumulation baffle plate can be absorbed even under the operating conditions which produce a change in temperature, and charging and replacing the catalyst in the catalyst blocks are possible without on-site welding of the ash accumulation baffle plates. The shell set includes a press shell, a connecting seat, a rotating seat, and a supporter, the press shell being at a side of the base, the connecting seat being on the other side of the base, connecting the encoder, and being in the rotating seat connecting the connecting seat so that the connecting seat and the rotating

seat can be rotatably assembled with the encoder. The inner row includes a conductive corner segment at the first corner. The prime calculating apparatus generates a random number, calculates a multiplication value  $R$  by multiplying a management identifier by the random number, and calculates a prime candidate  $N$ , according to  $N=2 \times d7 \times d7 \text{prime } q+1$ , with respect to  $w$  satisfying an equation of  $2 \times d7w \times d7 \text{prime } q+1 = \text{verification value}$ .

1459826379-e1a34600-764a-427a-892a-81e5e3094892

A method for the manufacture of a circuit board containing a component and circuit board containing a component. The cartridge includes an outer covering enclosing a chamber. voltage generator, and the voltage across the measuring resistor being used as a difference measuring signal. A central cover is spaced apart from the wafer support. The phase conjugation technique, referred to here as complementary sideband regeneration, is accomplished on the retransmitted optical signal in the electrical domain, and requires no nonlinear optical techniques.

1459826379-f12a89ba-9d16-4024-b236-e0a1610f9b64

A heat spreader module includes a base, a heat spreader member arranged on the base, a thermal conductive layer arranged on the heat spreader member, a first joining member interposed between the base and the heat spreader member, and a second joining member interposed between the heat spreader member and the thermal conductive layer. Means of Solution The inner rotor 5 and outer rotor 6 having trochoidal toothed shapes are set in such a manner that when they are in a mutually intermeshing state, a tip clearance  $d0$  is created between the respective tooth crests 5a of the inner rotor 5 and the outer rotor 6. The flexible membrane deflects from any pressure difference between the reference pressure and the fluid pressure. Should the data reside in the IIC, the data is provided to the CPU from the IIC through the upper bus.

1459826380-72611854-6006-4e83-a55b-64b0eb2d2054

A method, apparatus and system for resource allocation in redirection of data traffic are provided. An RS flip-flop circuit provided in each of the bistable circuits functions as a memory portion for discriminating a start position of a display region for partial display. The valve manifold assembly further contains a bypass channel connected to and between the inlet and outlet channels, and containing a bypass valve positioned to control fluid flow within the bypass channel. The at least one working station being arranged for a stationary operator that is a human and the at least one working station being operated by a stationary operator that is a robot are arranged such that transfer of objects from one working station to the other working station is performed by one or both of the stationary operators.

1459826380-f2f21f02-e704-45dc-8660-029131548c9c

Crosslinked polymer blends comprising a poly and a nonlinear optical chromophore. A network server is provided and is configured to transmit a plurality of multicast streams of video content over the network. The housing has an interior in which a housing insulation pack is provided for retaining the evaporator therein. Hybrid maize seed, plant or plant part produced by crossing the variety PH1K1F or a locus conversion of PH1K1F with another maize variety. Tracking data is generated for the vehicle over a course of travel utilizing captured images from the in-vehicle vision based module. Other embodiments are described and claimed.

1459826381-4bfa9526-8647-4a01-a094-508505d2976b

Vertical device structures incorporating at least one nanotube and methods for fabricating such device structures by chemical vapor deposition. The DALI remains in a standby mode until signal activity on a DALI bus is detected, or the DALI may periodically switch from the standby mode to an active mode so as to sample any activity on the DALI bus. A drag chute is attached to the shaft to add resistance to the downswing of the golf swing to prevent the user from simply allowing the

weight of the club to cause the club to drop with little physical effort. Electromagnetic actuation of these diaphragms by solenoids housed inside the PCB drives or pumps fluid through the channel in a peristaltic fashion. The data is encrypted at the SRM as it comes by, and the key is revealed to the recipient if it is subsequently determined that the transfer is allowed.

1459826381-903160af-5a38-4837-8c22-5fbd646fef81

In an apparatus to increase the service life of bearings in an electric machine, the bearing currents that act on the bearings of the rotor are reduced by the application of a corresponding negative field voltage to the rotor, obtained with the aid of a compensation unit. A first dielectric material is formed over a workpiece, and a second dielectric material is formed over the first dielectric material. It is determined into which partition an entry corresponding to the incoming record should be grouped, and whether a matching entry is already present in the partition, using a hash function and a hash table built for the partition.

1459826381-b326edec-0a77-45e7-8a09-926946ef755f

An improved landscape watering system is provided that simplifies the installation and maintenance of multiple underground water control valves, that permits the on-site configuration of valve-electrical boxes, that limits egress of insects and other living creatures into a valve-electrical boxes, and that facilitates labeling of a valve-electrical box. Further, the photon escape layer has a refractive index that is between a refractive index of the light emitting structure and a refractive index of an encapsulating material with respect to the light emitting structure such that an escape probability for photons emitted by the light emitting structure is increased. The encoding also includes recording rows of the unitary matrix operator by applying, to a volume holographic element, a combination of an  $i$ th one of  $n$  reference waves and a superposition of  $n$  signal waves defined by the superposition defined in an  $i$ th row of the unitary matrix operator. The purchase token represents at least one requested asset. The magnitude of the resultant backward motion vector is reduced in accordance with a frame distance between each B-frame and the reference frame. For a disposable diaper, the array of disposable absorbent article graphic designs may comprise a first absorbent article graphic design for newborns and infants, a second absorbent article graphic design for toddlers, and a third absorbent article graphic design for older wearers, and other absorbent article graphic designs, and a wetness indicator.

1459826382-02e81212-f756-4e99-87e1-d01f5b49e1ef

A method for performing field operations is disclosed. A region of a lower wall of the housing forward from the lance is formed as an open part. A motor torque command is set with the load factor, and the motor is then driven and controlled to ensure output of a torque equivalent to the set motor torque command.

1459826382-50e9d70e-f6db-437e-96dd-957c88aa3547

Optical structures having an array of protuberances between two layers having different refractive indices are provided. When an initial node of the 1+1 protection service is outside the ASON, it associates the primary service and the slave service to realize 1+1 protection. The injector housing includes one or more fuel galleries annularly disposed about the longitudinal axis, and a compressed air inlet.

1459826382-7867ac1f-bd25-4316-b557-80f8cbe21798

A system provides a player tracking system and system gaming apparatus for playing non-base games by funding the credit side of a gaming cycle. The reagent may be dry or in an aqueous solution preferably buffered to a pH from 6 to 10, if desired incubating, if necessary inducing coagulation by the addition of one or more coagulation accelerants such as calcium chloride, and establishing a value indicative of the coagulation potential,  $e$ . The drum is rotatably mounted to a support frame and can be rotated from a position in which it receives solid

material from the supply source to a dispensing position in which it dispenses the solid material into a receptacle below. The inner surface of the trench has a first side wall and a second side wall located deeper than the first side wall and having a portion made of the second region.

1459826382-d2e1c03a-6e4a-4395-a942-74d6dcd2f3dc

A chord detection apparatus capable of detecting a wide variety of chords musically related to realtime performance. The steering wheel has an armature with a hub and is coupled to a vehicle steering shaft. A redundancy controller circuit, connected to the multiple routing engines, facilitates the selection and switching of the routing engines. After querying the second RNC, the first RNC receives session data from the second RNC, where the session data corresponds to the session that the access terminal currently has with the second RNC. The second reflector has a bottom reflective surface that is formed from a second conic cross section portion extending to and revolved about the central axis.

1459826383-71fd8fbb-56ab-4132-9d33-43757aa8409b

Recombinant proCVF exhibits substantially the same activity as CVF and is useful for lowering complement activity. An intake port is formed in a front panel of a disk device body along a lower edge of a tray entranceexit opening. The system also permits the users of the system to rapidly determine the current status of any content in the system. Actuation of a set screw or the like causes each of the pin cones to push the retaining balls radially outwardly in a simultaneous fashion thereby engaging a first and second members to be coupled. In its set-up or voting state, the ballot box receives ballots from the tabulating machine and stores them in one or more secure ballot compartments.

1459826383-de68127b-c16b-43a3-9e1d-fae527a14364

In an environment wherein a front end system receives a service request, and a back end system responds to the request, a user of a target endpoint must be authenticated. The toner container filling device is installed at a toner container filling base and is able to fill a toner container with toner automatically, and obtain information about the toner container filling process while filling the toner container with toner. The nitinol wire is secured to a connecting wire which extends upwardly into the housing and is vertically displaceable within the skewer. Classification may include, for instance, determining whether an electronic document represents unsolicited communication or online fraud such as phishing.

1459826384-31e3ac5c-3c08-4a29-a343-168e3f171893

A wheel hub for attaching to a vehicle includes a hydraulic engine received in a hub shell and attached or secured to the vehicle, for allowing the hub shell to be rotated relative to the hydraulic engine and the vehicle. In the method, the access node device first receives a packet from the Residential Gateway, then obtains a network prefix in a source UPv6 address of the packet, judges whether the network prefix in the source IPv6 address of the packet is a valid network prefix of a CPN corresponding to the Residential Gateway, and if yes, forwards the packet finally. The interior being substantially sealed from the exterior except at the first number of one way vents. The impedance control input controls the variable impedance between a high impedance, OFF state and a low impedance, ON state. The operating bar is mountable detachably on the supporting legs to stretch out the shading member. The first unit has a first cover and the second unit has a second cover.

1459826384-6d66be7f-fc1f-4cf5-9220-ecfe49209647

A hernia repair device includes a surgical mesh configured to extend across a tissue defect and a plurality of filament loops coupled to the surgical mesh toward an outer periphery thereof. In response to the monitored quality of service parameter, a number of parallel message processors that route messages from the plurality of smart items to the message routing engine is controlled. The printhead



assembly includes multiple controllable nozzles. Likewise, controlling the backlight using the characteristics of the analyzed image enables reducing power consumption and increasing the contrast ratio by applying backlight brightness according to the characteristics of the image.

1459826384-d75ec6a7-9690-4006-9303-8c6ad68aa4bd

A load control device for an engine of a work vehicle that purposes to render the work vehicle, such as a wheel loader or the like, capable of raising a vehicle speed in a short period of time by providing a sufficient traction force when a high traveling load is imposed, without causing degradation of a vehicle body performance, waste of energy, and other problems. The method includes negotiating allocation of a single user license over a wireless connection. The head-slider is coupled with the gimbal, and includes a plurality of head-slider pads. An error signal indicative of the difference between the fundamental mode frequency and the cavity resonant frequency is obtained by subtracting the outputs from the two parts of the photodetector.

1459826384-e97b6664-0ac8-4cd4-a7bb-65502032b33c

A method and apparatus for a wireless health monitoring system for interactively monitoring a disease or health condition of a patient by connecting an internet-enabled wireless web device to a health monitoring device which may be a medical device or other health related device. The switch includes at least one optical input for receiving an optical beam and at least two optical outputs. The additional electrode permits a direct measurement of the electric field in the gate dielectric and thus provides information which can be used both for characterizing the transistor and selecting its dimensions and for activating devices for protecting the transistor and/or other components of an integrated circuit containing the transistor. Methods of the invention disclosed herein enable users to perform customization projects and to print the documents created thereby, either at a remote printer such as at a document factory, or at the user's own, local printer. The low voltage swing pad driver and receiver generates a relatively low voltage swing when compared to CMOS full-scale voltage swings thereby significantly reducing the possibility of introducing any noise and/or distortion of data that is communicated via the interface. Additionally, a micro switch module comprises a micro switch; a layer of resilient material disposed on a loading surface of the microswitch; and an actuator element disposed on the layer of resilient material for transmitting a mechanical switching force therethrough to the loading surface of the microswitch for actuating the microswitch.

1459826385-4fd12bb5-e03f-4fdb-a272-d2db14fcfe76

The present invention is related to a microminiature lens module and a lens device with the microminiature lens module. The OSD associated with the analog broadcast and the OSD associated with the digital broadcast are processed in an image processor in an integrated manner under the control of the controller for controlling the OSD generator, thereby preventing degradation of the image quality of the OSD associated with the digital broadcast. The initializing module arranges the transmitting data in a 3D matrix to produce information data. Attempt to gain access to these internally imaged layers causes the image to be sufficiently disrupted as to prevent modifying such images.

1459826386-019d0149-d5d4-4feb-b1f8-b9661b29f9da

A vehicular upholstery fabric is made from a raw tricot fabric which is knitted by using a PPT-multifilament yarn whose single fiber fineness is about 0. The system includes uniquely configured, vertical support columns to which a number of different types of structural components can be quickly and easily connected and provides a highly versatile work station system which is very attractive, is easy to assemble, disassemble and adjust, and yet, is structurally sound and durable in use. The method further comprises coupling first and second remote units to the master unit, the first remote unit communicating the first signal over a first air

interface located within the environment at a first location, the second remote unit communicating the second signal over a second air interface within the environment at a second location.  $9 \times d710 \times u22123 \times u2266nM \times u201d$ , where  $n$  is the number of unshared electron pair not involved in aromaticity and not coordinated to metal, among unshared electron pair owned by the nitrogen atom, and  $M$  is molecular weight. To achieve this object, the apparatus has a light-emitting element array which illuminates a document to be read by a read sensor, and an illumination lamp which illuminates the document to be recorded by the photographing unit. The composition may optionally also comprise one or more short-chain alcohols.

1459826386-454c63ca-298a-441a-9490-f6a638e7271d

A 3D semiconductor memory device including a plurality of memory cell strings, includes a substrate and a channel that extends from the substrate. While a user makes motion, a CPU determines whether the user makes appropriate motion by the amplitude, the period, and the detection frequency of an acceleration signal inputted from an acceleration sensor unit, and when it is determined that the user makes appropriate motion, operates an alarm generator thereby to notify the user that heshe makes motion with appropriate motion intensity. An etch-stop layer is between the MOS transistors and the dielectric layer. The invention can also utilize the algorithms disclosed in an earlier application U. The level of loss that is introduced is based on the information content of the information-bearing signal.

1459826386-ad06943d-92d6-4dfb-a19e-7a425066b71a

There is provided an efficient compressor which is simple in structure and small in torque fluctuation. Each stream of data sets is allocated to a corresponding respective group of parallel data tracks. Because the silicon nitride spacer formed on the sidewalls of the contact hole can serve as a leakage current blocking layer, the yield and the reliability of the semiconductor devices manufactured by this example process are enhanced. The angle correction factor compensates for the difference between a desired input power and the measured input power.

1459826387-328e9890-993e-41a0-b918-22a701de8045

An electronic control unit includes a main microcomputer and a sub-microcomputer. A cavity of the manifold body resides over the substrate surface such that liquid is emitted from the liquid microjets into the cavity for contact with the substrate surface, while the drains orthogonally remove spent liquid from the cavity. The air plenum is closed off downwardly by a filter ceiling. An inner main portion-facing upper surface of the projecting portion is configured to facilitate the movement of the tool towards and through a seat belt, and the bottom outer surface of the projecting portion is curved for both easy handling and for enabling a firm grip when the tool is used to break window glass. A vibratory mechanism in the handle is activated causing vibration in the accessory assembly and thus improving the flossing, brushing or gum stimulation motions. Each pair of composite frames are opened and closed quickly and easily, by the user, for frequent changes of displayed material.

1459826387-5424cc79-9fc2-43a7-909a-7a779d83e925

Personal care appliances, such as hair care appliances, facial care appliances and body appliances, and attachments therefor are disclosed. The structure includes a chip guard ring for each circuit section having the at least one differing characteristic. A digital residue signal of the output of the one or more initial pipelined analog to digital converter stages is sampled.

1459826387-ce897371-3a50-4a87-88cc-37e1bb1e6743

The invention is directed to the cross-metathesis and ring-closing metathesis reactions between geminal disubstituted olefins and terminal olefins, wherein the reaction employs a Ruthenium or Osmium metal carbene complex. A lifting rib on the slider cooperates with a lifting wing on the upper seal member and a closure bar

cooperates with a closure bar groove of the lower seal member. The tub comprises a drain, a spout, and an inner space.

1459826387-e41187cf-9b31-4925-b92e-3f285c58bd3f

An austenitic stainless steel, which comprises by mass %, C<0. In one example, a method includes receiving, by one or more computing devices, location information corresponding to a physical location of a user. Thereafter, upon the detection of Pe in the input signal Si, a control tag signal is derived from a signal division between the detected Ps and Pe, and signals C1 to C4 for controlling various parts of the display device, etc.

1459826388-2c0381fc-876b-4c54-b53d-b26a2a44c7d7

A solid-state image pickup device includes a pixel array including a plurality of pixels, each having a photoelectric converter; a signal conversion circuit converting a pixel signal from the pixel array into an output signal; and a clamp correction circuit correcting a clamp level included in a predetermined signal dealt with by the signal conversion circuit. A multi-energy gamma attenuation device monitors bulk material flow and produces a spectrum that is compared to a baseline spectrum to produce a relative weightimpuritycomponent ratio. A feature analyzer evaluates features associated with the one or more web pages to identify content, layout, links andor metadata associated with the one or more web pages and identifies features that are labeled and features that are unlabeled. A table of known locations within the building and the base station signal strength at those locations is searched to find the most similar stored signal strength to the signal strength detected. If the non-volatile memory cell is programmed, the latch is coupled to a second voltage supply terminal, thereby storing a second logic value in the latch.

1459826388-61e79e37-3910-44de-84ef-049677634525

Methods and apparatus relate to treatment of fluids to remove mercury contaminants in the fluid. The stationary punch comprises a top plate surface of the housing maintaining drive motors and gears of the stacker itself. The games do not require a manual dealer and in one embodiment, played in a gaming establishment using low cost gaming stations. By Fourier analysis, the velocity of each species band is determined and the identification of the species is made by its electrophoretic mobility in the channel. After the setting needle has been pulled out of the tube, the sensor can be inserted in said tube.

1459826388-ad9aa703-5ab5-4820-be4e-3aa15116e97a

A touch screen panel and a manufacturing method thereof are provided, which can reduce the surface reflectance of a touch screen in indoor and outdoor environments, suppress degradation of the visibility of a display by a reduction in surface reflectance, and improve light transmittance. The battery separator preferably includes a first polyolefin providing mechanical integrity and a second polyolefin including the water-scavenging or acid-scavenging reactive functional groups. The lower front case has a keyboard unit mounted therein.

1459826388-dba27e59-8da8-4bd5-8234-21af0ef5763e

A dispenser capable of forming a uniform material layer and a method of fabricating an organic light emitting display device using the same are disclosed. 0\xd71017cm3, and a resonator length is not less than 1500 \u03bcm. The method includes identifying one or more text strings in the textual content that are to be processed differently than an identical or similar text string in other electronic documents, and associating, with the electronic document, data indicating that each of the identified text strings is to be processed differently than an identical or similar text string in other electronic documents. Raised markings may also be formed on the surfaces of packaged or bare semiconductor device components.

1459826389-b92416b4-0021-4cf7-9764-b629c0fb41c0

A printing blanket construction is provided which includes a reinforcing fabric ply comprised of a weft insertion fabric or a heavy gauge fabric, where the reinforcing fabric ply provides all of the necessary tensioning properties to the blanket. The biodegradable balloon catheter includes an elastomeric tube and a biodegradable balloon. In a first operating state, the valve devices are at least partially supplied with current and switched such that a compressed air line to the spring store part of the spring brake cylinder is aerated. When the request identifier is found in the string associative table, a string within the string associative table corresponding to the request identifier can be identified and presented upon the mobile device as text. The method further includes pressing the lid onto the electronic assembly. The shaft also includes a fastener or locking mechanism, which secures the lower shaft member within the upper shaft member.

1459826389-d2aa965a-d888-43f8-a378-5f363137867c

A cinch connector for connecting a cinch to a saddle. Alternatively, fabricating conductive lines in an integrated circuit includes patterning a layer of a transition metal to form the conductive lines, wherein the conductive lines have sub-eighty nanometer pitches, and depositing a protective cap on at least some of the conductive lines, wherein the protective cap has a thickness between approximately five and fifteen nanometers. The first module may include a transporter which shifts singulated first cards from a first location to a card delivery location with a card transferor shifting sets of first cards to be included in an assembled partition from the first card forming module to an assembly station. In some examples, power may advantageously be saved in part by eliminating or reducing a DC current path through the IO circuits.

1459826390-0c6d31ce-cd76-49b6-bf69-0ad9cb6cfdd9

The present invention provides 2,4-diaminopyrimidine compounds useful as kinase inhibitors, pharmaceutically acceptable compositions thereof, and methods of using the same. We form a dielectric layer over a conductive layer. Access times for each isochronous stream are scheduled only during a primary access interval, or an immediately following extension period. In some cases, the second end of the pin may be at least partially tapered, with the taper engaging the edge of an indentation in the button.

1459826390-6705a15c-4101-4dd9-8564-4ea8dda210d3

A system for dispensing a plurality of pressurized tanks. After a box is received on and secured to the second platform, the second platform is rotated so that the open top of the box faces the first platform and moved toward the first platform until the box substantially surrounds the product on the product support surface. A carburetor 6 is also provided to the top handle 41. In a third embodiment, a more robust MCS level is selected.

1459826390-8d3986cf-be1b-400a-9f86-3880c3b88ec6

Exercise apparatus and methods having adjustable frame members are disclosed. The test may be used to determine if a subject is suffering from, or is likely to suffer from, a disease state involving the fovea, parafovea, macula, neurological pathways used by these areas to communicate with the visual processing centers in the brain and cone photoreceptors and/or ganglion cells. The front terminal edge of the absorbent composite may be connected to the body side of the front body panel.

1459826390-992151ff-5075-42d6-a338-aa125e756fc0

The present invention relates to Notch1 binding agents and methods of using the agents for treating diseases, such as hematologic cancers. In either mode 32 bits of data from each of two memory arrays are prefetched into respective sets of 32 flip-flops. Transmissions from the mobile wireless device are preferably comprised of traffic transmissions that contain data packets and other transmissions that contain information for administrative purposes, such as for communication link management operations between the mobile wireless device and the wireless packet

switched network. The engagement gear and the rotational body are configured to selectively be positioned in one of a first state in which the second engaging portion and the first engaging portion are separated from each other, and a second state in which the second engaging portion engages the first engaging portion. The copper-tin alloy layer contains over 60 at % but no more than 90 at % of copper and 10 at % or more but less than 40 at % of tin.

1459826391-b91bfb1e-9eb3-44c3-b428-a94720389b55

A liquid crystal driving device for controlling a liquid crystal panel and a liquid crystal display apparatus. The elongated shaft includes a proximal portion, a distal portion and a flexible portion supported therebetween. A pickup device of the printing apparatus can access the media through the outlet. Because the registration is done automatically by each offeror of a service or product, the efforts of a central administrator entering this information becomes unnecessary, thus making it possible to advertise more products and services efficiently. The material layer is removed using the organic layer as a mask, so that an opening is formed in the material layer.

1459826391-bf9d2b74-68d3-42a2-9c19-67a4a668d021

Concentrates for lubricating oil compositions are prepared by blending at elevated temperature:. The method uses geometric principles and the fact that an impedance mismatch at the interface results in significant reflection. A signaling mechanism provides chest compression indication signals directing a chest compression force being applied to the chest and a frequency of such compressions.

1459826392-0cf6beaa-c1ce-4fc2-87ca-ada02a173809

Systems, devices and methods for the transmission and delivery of high power laser energy deep into the earth and for the suppression of associated nonlinear phenomena. The tack of an ink that is used in a printing group of a rotating printing press, or the temperature of a rotating component in the printing group is selected or controlled. A method of resisting corrosion in concrete containing metal elements is provided. Embodiments also incorporate the historical execution characteristics into executable file for the application, such that the historical execution characteristics can be used to manage subsequent executions of the application. Eye movement, facial expression, gestures and body motion in the image to detect a cued event situation.

1459826392-69d09833-cc60-4b78-a39b-956869047fd5

A printer includes a printhead having a plurality of ink jet nozzle assemblies. A user interface has an instant messaging window for displaying a plurality of conversation panes representative of concurrent instant messaging sessions between a local user and a plurality of remote users. At least one of mounting parts is formed integrally with the rotating member or the seat back frame.

1459826392-8ad034b1-4be1-4797-a528-d7892c3bede6

Methods and apparatus to compensate first principle-based simulation models are disclosed. The core part 3a presses a bottom portion 4b of a drawn portion 4a of a metal material 4 and is separate from a surrounding die part 3b and is provided with a space 3c at the whole outer periphery of the core part 3a. The stretching of the indentation prestretches a headband portion of the headwear, and enhances the comfort and fit of the headwear. A decision engine verifies through on-demand polling that a device is down.

1459826392-9c5923ee-0982-4c77-95fd-5cb116d55380

A gate line extending in a horizontal direction is formed on an insulating substrate, and a data line is formed perpendicular to the gate line defining a pixel of a matrix array. The leadframe has a die pad and a plurality of leads, and the leads are disposed around the die pad. The first RF antenna element is located proximate to the tag antenna and the second RF antenna element is located proximate

to the reader antenna. Similarly the high in-passage pressure expands a gas diffusion electrode 5b of the MEA 2 and a separator 7, which define the oxidizing gas conduit 7g, in opposite directions to make a clearance between the gas diffusion electrode 5b and the separator 7. The Cu<sub>2</sub>N bonds remain in the grain boundary portions in the surface of the copper interconnection even after the protection film is removed.

1459826393-103e436b-589a-4e2a-83c4-52334a909dc9

A method and system for generating multiple self-ID packets that are used for mapping a node topology is disclosed. 1% by weight of the powder; and sintering the green compact under non-oxidising conditions to form a ceramic material comprising alumina and carbon, wherein the green compact is sintered at a temperature of less than 1550°C. As a result, a remote copy system with high reliability is obtained.

1459826393-2582e29a-5f8d-4d69-9310-c607385de0f5

A system, a GUI and a method are provided that allow intuitive, flexible and robust editing of individually editable instructions generated by conversion operations applied to a defined step-and-repeat programming element in a machine vision inspection system. In order to improve resolution at high frequencies, acoustic resonators or micro-mechanical resonators are utilized in a sigma-delta modulator instead of electronic resonators. A bus configuration on the display substrate is utilized which combines repair flexibility, low parasitic capacitance, and the ability to easily make the necessary interconnections. The bar includes first and second magnets mounted on the bar along the substantially linear axis. The blended product exhibits elevated umami taste intensity and improved flavor characteristics over those exhibited by fish sauce or anchovy paste individually.

1459826393-535ec259-89b6-4038-9e34-e00699e7b4b8

A multi-transformer LLC power converter having at least two transformers including a first T1 and a second transformer T2 in series includes a switch network configured for receiving input power including a first and second switched node. The overlay is determined from the anti-symmetric component of the spectrum, which is formed by subtracting the measured spectrum and a mirror image of the measured spectrum. The method also includes generating output signals responsive to light from the wafer resulting from the illuminating step. A lock tab on the case engages mating recessed seats on the fork for securely retaining the fork relative to the case in each of its stored and deployed positions.

1459826393-ead882a8-9cc3-46e6-a4c1-f4aae4e5b9a3

A rotatable table includes a shelf unit which is mounted on a support structure and a rotatable unit having a work surface which may be rotated from a horizontal position to a vertical position. The haptic feedback is discontinued when the object is moved in a second direction opposite the first direction subsequent to the movement in the first direction. Shared channel space is divided into a number of communication slots that are repeated at a predetermined interval. Being portable, the device is a point-of-care device that can be used in emergency situations by paramedics, in the emergency room, and in a physicians office to detect and measure the concentrations and/or percentages of functional and non-functional hemoglobin derivatives in a patient's blood. In one embodiment, the cross-correlation is determined using a pre-whitened receive signal, obtained by adopting the variance values received over the network by the downlink Codec.

1459826394-27a34276-7cf1-4b01-9545-92a1298b8da2

A tensioning cable actuator has a housing with a nut held in the housing. The active material comprises a monoclinic  $\beta$ -type titanium composite oxide which contains fluorine. The adhesive compositions of the present invention are particularly suitable as topical adhesives for skin adhesion of articles such as disposable waste management articles, disposable absorbent articles, and personal

care articles. This bearing guide is spring-loaded by spring elements so as to urge the ball into the working position in which the ball bears the load. The control unit fetches therein the data, which has been outputted from the storage unit, at the timing which is determined on the basis of the pulled back clock signal. Moreover, the method and system for making a production plan allow a production cycle and human resources to be effectively controlled and adjusted respectively, so that sale, purchase and manufacture departments can realize the latest production and export conditions according to the production plan.

1459826394-9972ad03-43e6-4adb-9faa-aba9c1559a38

A method of making an antiglare coating using a mullite sol, possibly for use in a plasma display device, a photovoltaic device, or the like. The movable cap can be slidable to form a push-pull type closure, or can be rotatable to form a flip-type closure. A positive feedback component generates a positive feedback, such as a positive image in the user interface if the setting meets or exceeds a recommended performance metric for an operational parameter for the set of energy consuming devices. Each end ring forms an annular abutment surface that cooperates with the swellable member to inhibit axial movement of the swellable member on the substantially cylindrical body. Also provided are associated devices such as an integrated antenna and docking station, an SDARS receiver module for detachable connection to a player, digital transceiver circuits for connecting an SDARS receiver to various SDARS-ready devices, an SDARS digital antenna, and an SDARS subscription cartridge, as well as methods for operating same.

1459826395-028faa5b-d06d-462e-b96c-57198f370d96

A license of an optional feature used in a transmission source apparatus can be properly transferred to a transmission destination apparatus. In one example, a sequential device for use in a scan chain is described. The new stream inherits the beginning and ending addresses of the primary stream.

1459826395-28965776-340a-47fb-afa5-4c42dfe935aa

One aspect of the invention is a method of treating mitral valve regurgitation in a patient. Such antibodies include antibodies having novel high affinity complementarity determining regions, especially those with framework and constant regions derived from either humans or mice. The proxy server identifies a Uniform Resource Locator of a server process in the request and compares that URL against filter rules previously defined to the system. The lifting supports of each column are provided with their own motor. Pipes may have ends that may be moved around and bound to different peers at different times.

1459826395-b6bf6fa4-55a1-487d-83b3-480266faa1fb

A wheeled skate apparatus with a steerable front wheel connected by a steering linkage having two lever arm linkages which produce an instantaneous steering axis inclined with respect to the vertical to produce a caster effect and provide an angulation of the steerable front wheel with respect to the forward direction of travel to provide a change in the direction of travel of the skate apparatus. An image forming apparatus includes a toner image forming section, an intermediate transfer section, a transfer section, a fixing fluid applying section, a transport section, a fixing section, a recording medium feeding section, and a recording medium detection section. The controller monitors a received signal quality and a received signal power level. The freeze-cycle may be dynamically lengthened by the amount of time that the freezer temperature remains above the set-point temperature. Successive product lengths are alternately delivered longitudinally into one and then the other of the first channels. A sharing negotiation tool permits at least one consumer application to negotiate a service level agreement on a dataset which is being shared by a tenant application on a cloud.

1459826395-f509bda6-e03c-4dc9-86f9-37c17a346562

Monitoring and performance interfaces are disclosed for baler machines. Methods are

disclosed for determining an optimum aperture size for a single lens microscope including a lens of any type, and methods are disclosed for designing a single lens microscope lens system that provides superior image quality. The LCD further includes a common electrode opposite the pixel electrodes, a liquid crystal layer interposed between the pixel electrodes and the common electrode, and a domain partitioning member formed on at least one of the pixel electrode and the common electrode. The electrical junction box is configured to be disposed such that the through hole opposes the adjuster.

1459826396-751985a5-a12e-4958-9aad-7e77e6b3cd97

Disclosed is an optical compensation film for improves viewing angle of twisted nematic liquid crystal display, especially in the vertical viewing direction. The device comprises a light generating layer disposed between first and second layers of semiconductor material, each having a different type of doping. The process in some embodiments uses a closed loop power generation system.

1459826396-bbfa1969-9320-4633-9c91-4ce5f39b84b4

A method and device for using magnetostriction to generate electricity from fluid motion. A first high supply voltage and a low supply voltage are coupled to the first inverter. The board may include more than one section. The first end of the transport roller is mounted at the housing board side and is releasably connected to a drive device and the second end of the transport roller is releasably mounted at the mounting member side. Preferable distance, time, and angular parameters are specified.

1459826397-044dcf45-feeb-408f-9f23-cc110d92f151

A classifier is used to predict relevant results with arbitrary filtering conditions specified by the user. A contactseparation motor for driving the development roller is accelerated or decelerated based on the detected duration of contact between the development roller and the photosensitive drum. A plurality of stationary blades 61 are arranged between the first impeller 7 and the second impeller 35 in the housing 59. A connecting lever is used to attach the shelves to the chain or other transport means and along with the tracking system ensures that fill storage utilization of the shelves and the space between them can occur. In this condition, the spray gun is moved in a preselected direction in order to coat the entire inner periphery of the heat roller.

1459826397-78e9e041-6739-48f1-b7e4-002ed4aec9af

The present invention aims to suppress calorific value and prolong a lifetime of an apparatus that generates soft X-rays. These proteins exhibit different expression patterns among the organs of mammals. The orifice has a diameter-changing portion which restricts a separation of gases from an inner surface of the measure-passage.

1459826397-7afdb561-97f3-4258-9352-767578db93ea

Articles, including fabrics and film layers, are disclosed which can protect against multiple hazards, including radiation, chemical, biological agents, metal projectiles and fire hazards. Packets received by a packet processor may be prioritized based on the urgency to process them. Inquiries are solicited from prospective patients, and referral lists are provided to those patients who request them. during the exposure to the microwave radiation. In addition, a displacement apparatus is disposed in the channel for radially positioning the seal to control a flow of a fluid in a fluid path. The link mechanism is operational without the cam grooved wall in the entire cam surface region.

1459826397-87a3d934-b7c0-498c-8fe9-fc284caa5a53

An aerosol generator device for delivering an aerosol of a nicotine salt is provided. The short-arc discharge lamp includes electrodes which are located in an emission space, a metal foil electrically connected to the electrodes, a quartz tube part which surrounds the metal foil, a sealing quartz component in contact



with the inside of the metal foil, and a metallic component inserted into the sealing quartz component and electrically connected to the metal foil. The third element includes a single lens, the opposite lens surfaces of which both include a toric surface of an aspherical surface shape in the main scanning plane, the curvatures of the opposite lens surfaces in the sub scanning plane being continuously varied from the on-axis toward the off-axis in the lens's effective portion. the Rapid Spanning Tree Protocolis used. The cosmetic compositions containing such a mixture formulated in topical form have a moisturizing, emollient, elasticizing and skin compactness and smoothness improving action.

1459826398-4fbd0d66-633b-4a8e-ac9c-e7da598bae20

Systems and methodologies for stall-time fair memory access scheduling for shared memory systems are provided herein. The organic silicon compound is suitable for use as a preferable precursor in the manufacture of silanes that contain alkyl groups. A backlight control signal is generated based on the amount of data expansion in the sub-pixel rendering portion.

1459826398-764c7886-3b95-4d7e-ac4c-8e3d74c15ca5

Precursors for use in depositing antimony-containing films on substrates such as wafers or other microelectronic device substrates, as well as associated processes of making and using such precursors, and source packages of such precursors. of a set of intended end users of the virtual resource instance. The spacers are positioned between the magnets and are held in place on the shell of the rotor by fasteners. Penetration depth is detected by measuring a displacement of the indenter relatively to the reference tip.

1459826398-b44b47f0-2dce-475b-9eeb-5570f10fe913

A method for manufacturing O3 type piezoelectric material having an improved relative dielectric constant and an electric-field-induced strain is provided. The computer system can use the neurolinguistic information to neurolinguistically analyze meaningful text sequences to derive statistical information and identify dominant cognitive motivation orientations expressed in those text sequences. In a second step the fibers are placed on a sieve belt and thermobonded. The signal is converted to a numeric value that is indicative of a vibrational amplitude of the rotating body. Conductivity can be further enhanced by forming the plunger of silver or a silver-bearing alloy.

1459826399-4d385e98-c4e6-4c59-9172-bbf371494154

Electronic devices may be provided with displays having polarizer structures. The panel driving circuit includes a selecting circuit, a driving signal generating circuit, and a touch sensing circuit. Subsequent communication with the given memory die is performed while applying the preferred termination setting. The modulated pulses are transmitted to input B of the coupler.

1459826399-a2ce18bb-d200-4b0d-b3f7-9ab7b8cbf5ea

An image forming apparatus includes an image forming mechanism, a transfer mechanism, a fixing mechanism, and a heat radiation mechanism. The first voltage follower amplifies without being saturated even if an input signal voltage approaches a level of a power supply voltage when the input signal voltage is at least equal to a bias voltage, but does not amplify when the input voltage is less than the bias voltage. In either case, a query including a search condition based on a specified search term may be modified to include additional conditions based on a set of expanded search terms. The listener passes this first set of data to the requested network component. Another aspect of the invention relates to arylsulfonium compounds containing fluorine-18 that are useful as imaging agents. The two memory registers are programmed to provide two different soft-start settings for two distinct charge pump turn-on conditions, initial power-up and flash programming.

1459826399-d20c8348-2ce0-42f1-a882-2d2992c1d1cf

A communication system, a mobile station apparatus, a base station apparatus, and a processing method are provided that can perform decoding processing of a PDCCH related to a search space efficiently, and can perform communication promptly. The present invention also relates to methods of treating ABC transporter mediated diseases using such modulators. The methods also include a ribbon-focus procedure whereby imagery data are acquired continuously, while the slide and objective lens are in motion. The radio link control entity further includes a plurality of data transfer modules configured to provide data transfer between upper and lower protocol layers, the interface modules are coupled with the processing module and the unified interface.

1459826400-0c3e9672-6864-444a-a943-55cadedf420cf

A financial transaction system that does not require the need for cash, checks or credit cards to carry out financial transactions. The system provides a directional path to areas of safety for occupants in harms way. The pedestal is etched in a gate conductor post etch treatment that is selective with respect to the support devices. An energy management system comprising a heating system is provided to facilitate the removal of spent ice particles, and prevent ice accumulation in the enclosure.

1459826400-6eb1b3b5-58ab-4111-ab35-318709100e06

The segments of the vanes of a stator and the blades of a rotor for a gas turbine engine are dampened by utilizing braided wire cable that is affixed to adjacent segments such that each of the wire strands forming the cable is allowed to move relative to each other to dissipate the vibratory energy inflicted on the stator or rotor. The compositions are biodegradable and environmentally friendly. The eight more significant bits of 12-bit data for conversion are applied to a decoder 21, while the four less significant bits of the same are applied to a current addition circuit 22. The molding compound is located above the first surface and covers the light emitting device. The method further includes the first member encrypting a communication using the encryption algorithm and the encryption key to obtain an encrypted communication, and the first member sending, to a second member of the group, the first encrypted communication. The connection part is assembled to the tabs in such a manner as to allow the branches of the shim to spread apart.

1459826400-f3dbc0d1-2c3b-407a-ad57-0a15620c7868

Software and apparatus are provided to automatically detect and map ganglionated plexi that are found within areas of complex fractionated electrograms in cardiac chambers. The method involves the measuring of state parameters of the system. The method partitions the two or more entities into a plurality of classes, and applies a type of anonymization to the communications graph.

1459826401-0275d387-d557-474d-a727-6c3a91b84a13

The present disclosure relates to pyridoindolone derivatives of general formula :in which R1 to R5 are as defined in the specification, to processes for preparing said derivatives, and to methods of use thereof. The parametric audio system includes a modulator for modulating an ultrasonic carrier signal with a processed audio signal, a driver amplifier for amplifying the modulated carrier signal, and an array of acoustic transducers for projecting the modulated and amplified carrier signal through the air along a selected projection path to regenerate the audio signal. Thus, the liquid crystal display may have reduced thickness and weight and enhanced brightness, thereby improving the display characteristics of the display.

1459826401-3b01d6db-7be0-435d-b046-268f5f79ec97

The present invention describes an apparatus comprising an optical array generating a distribution of partial coherence of light energy and an aperture to select a subset of said distribution of partial coherence. A streaming manager is configured to send the application files to a client as a plurality of streamlets, each

streamlet corresponding to a particular data block in a respective application file. Any of the common circuits is determined as the common circuit of a first test target. The player then controls the crane assembly to select a desired prize. When the lock is in the unlocked position, the steering column can be adjusted along the path. In addition to the internal interlocking teeth, antenna arm has a skirt to further preclude contaminants from entering the area where the teeth and teeth engage one another.

1459826401-94a8d784-b545-4de8-890b-fa34f09b96da

A control deck and system for controlling and driving blood fluids through an extracorporeal blood circuit kit. The platform can be used for securely mounting a wheelchair or a fishing type chair to provide a rotational means for persons with impaired mobility. Moreover, the voltage regulator further includes an output current detection circuit for detecting an output current, and a circuit for changing connection of the output transistors based on the output current to allow a WL value of the output transistors to be changed based on the output current.

1459826402-48e9e306-2c92-476a-9789-2de9ace2e152

A computer network system includes a client-server architecture, where the client transmits SCSI commands over a network using TCP/IP to a server to request input and output operations for a physical storage device that is communicatively coupled to a storage device. A new vector, the discriminating feature analysis vector, is introduced to represent an image to be analyzed, from the DFA vector as processed using a Bayesian Classifier technique. The method includes machining the second surface to form the plurality of fins having predefined dimensions. The pawl is rotatably supported via a support shaft as a first shaft and is capable of rotating to a position in which the pawl can engage the hook.

1459826402-4e4eea25-c3a4-4ea8-a2d4-abff65b7307b

Systems and methods balance fluid in a fluid processing procedure during which an outgoing fluid is removed from an individual and an ingoing fluid is supplied to the individual. This invention also relates to pharmaceutical formulations comprising these compounds and methods of using them for inhibition and prevention of cell adhesion and cell adhesion-mediated pathologies. 25  $\mu\text{m}$  and a ten-point average surface roughness :  $R_z \leq 22669 \text{ Ra}$ . The toy also includes a digger assembly mounted to the rear portion of the frame and having a bucket with wheels that is removable, the bucket being operative as a wagon when removed. The valve engagement portion is disposable within the bit bore retainer portion such that the valve conical outer surface is disposed within and against the bit conical inner surface to retain the valve coupled with the bit.

1459826402-cfc45e32-07f2-4b05-84b4-6aa67ccb881e

A roller shade clutch is disclosed. These reactions lead to formation of a kind of carboxylic salt containing polymer, which can be used alone in concrete. The source process may populate the shared memory section with information.

1459826403-c4a99adb-0060-4da9-bd62-2d373acc3058

Establishing secure communication between an implantable medical device and an external device includes: accessing, at the implantable medical device, biological data; utilizing the biological data, at the implantable medical device, to generate a public cryptographic key; and utilizing the public cryptographic key, at the implantable medical device, to generate a private cryptographic key. In accordance with one aspect of the invention, the system positions at least one track beside the datapath stack in a netlist, and identifies placement of clock buffers needed in the at least one track. The resampling comprises computation of a sample value at a position  $i, j$  in a resampled array. The presence availability server also informs a notification server of a change in the presence and availability status of the first user. Furthermore, the memory module can include an optical layer.

1459826403-eaf8f4a7-a007-4c76-be67-2276aa6677a8

An MOS-bipolar hybrid-mode LDMOS device has a main gate input and a control gate input wherein the device operates in an MOS mode when both gate inputs are enabled, and operates in a bipolar mode when the main gate input is enabled and the control gate input is disabled. The method includes storing an emulator program on the computer, wherein the emulator program imitates the functions and display of the mobile device. The contact portion is provided with a central or intermediate section to which a forward portion is angularly inclined. A latch can be coupled to at least one of the door and the body, and at least a portion of the latch can be movable between a secured position and an unsecured position.

1459826404-075aa168-8667-4167-beef-e17a48a3b701

An optoelectronic component and a method of manufacturing such a component. The positioning or spacer block is a generally rectangular block having corded-out cavities to reduce weight and tabs or projections for cooperatively engaging the sides and top of a support post as well as the edges of the guardrail during roadway safety barrier system installation. The client browser communicates with a web server in a web-transaction. A fluid outlet is formed with the body portion and communicates with the fluid channel downstream of the fluid inlet. The drive signal outputting section outputs a drive signal for causing the element to perform the ink ejecting operation. This enables the frit to melt and form the hermetic seal while avoiding thermal damage to the OLEDs.

1459826404-37a52a94-0f55-4862-ba14-4e611d7f1472

A vacuum die casting method according to the present invention solves the problems relating to seal performance, differential pressure, and the stability of the degree of vacuum. The tread has through holes in which inserts made of plastic material such as rubber or the like are assembled hermetically, the inserts in turn having through holes. The steering system performs a reduction control to provide a smaller steering control amount for the rear wheels in a range where a steering angle becomes smaller than a predetermined value, compared to a steering control amount for the rear wheels in the other ranges of the steering angle. The second pulse generator is configured to output second pulses. Information-transfer means transmit control signals from the switching means or pedal switches to the appliances or appliance groups.

1459826404-6a83aad8-69ff-410e-ae4a-502476e30706

A system and method for radio network planning comprises a grid generator and a Monte Carlo analysis module. In one aspect, the oral care implement comprises a body comprising a handle, a head coupled to the handle, and an internal cavity containing an oral care material; and a roll-on applicator rotatably mounted to the body, such that the oral care material is delivered from the internal cavity to an exposed portion of the roll-on applicator due to rotation of the roll-on applicator. The washing machine has a washing machine barrel and a drum therein, wherein the heating unit is displaced at the bottom in the washing machine barrel outside of the drum.

1459826404-9b9a0e8f-5087-4930-a9eb-301a388260f5

A photoconductor that includes, for example, a supporting substrate, a photogenerating layer, and a charge transport layer, and wherein the photogenerating layer contains a vulcanized fatty ester. A test station may include a test host and a test unit coupled to the test host. That is, a quality parameter calculating part calculates the frame data number possible to further store in a frame buffer obtained from an accumulated data volume detecting part, and a decode quality updating part updates the quality parameter for the decoding part. As a consequence, a control board can be configured in an easy manner while at the same time reducing manufacturing costs. A second message is generated based on the first message and the first data.

1459826405-1e0cd546-d041-4a14-a4c0-314c0b56b8b7

Catheters such as guide catheters can be configured to provide distal occlusion, while still providing sufficient interior lumen space for device delivery. Each of the plurality of impedance elements is configured in pairs of MOS transistors. A management device stores information about an initial message.

1459826406-0ad5bac3-b1f1-40c8-8ca7-89fb54cf940f

An integrated type optical pickup module apparently approximates a plurality of light-emitting points of semiconductor lasers. The piston valve is held in a closed position by springs supported at the drum bottom part. The receiver may determine a first chip sequence representative of the secondary code by extraction of the primary code and the data portion from a first received wireless signal. With the blade stabilizer held in a pre-staged position, the distal ends of the blades are protected from being inadvertently knocked and bent which would cause misalignment.

1459826406-6085ca10-ab0c-4789-9cd0-f0644641ac61

There are described methods for making polyhydroxyalkanoate and its copolymers, by culturing a host cell transformed with a vector comprising a polyhydroxyalkanoate biosynthesis-related DNA fragment isolated from *Alcaligenes latus*. A sound transmitting device is electrically connectable to one or more of the outputs, and includes a speaker for transmitting the tones received. The data processing system prevents such activity concurrently with garbage collection on a second object not currently being allocated. An area where the animals are allowed to move freely communicates via an entrance with the feed platform, the width of the entrance being sufficiently large to enable simultaneous access of several animals to the feed platform. The rod is first rotated by a motor and then actuated upwardly completely through the thickness of the layer of x-y material by an actuator. The antenna members may be used for receiving and transmitting signal of different frequencies.

1459826406-b0e8be9e-2456-4335-bf09-a70d0d423503

A modular house toy comprising a plurality of stacked room modules in the form of open-sided boxes, including a triangular peak module and open deck modules, all comprising stiff wood panels that are covered with felt, and an array of felt-covered furnishing accessories having felt external surfaces to be positioned in the modules using the adhesive qualities of the felt. It is determined whether a spreading factor required by a service request is greater than a remaining capacity of assignable spreading factors of a code tree. Flashback margin is increased for the combustor by incorporating a means for introducing an inert gas, such as nitrogen, into the premix chamber at the region proximate the boundary layer to purge the boundary layer of combustible mixture, thereby ensuring that no combustion reaction occurs in the boundary layer. A single step of engaging the actuator causes the electrode to be introduced into the target tissue and causes energy to be delivered from the power supply to the tissue via the electrode.

1459826406-b1f36d17-9a76-438c-9939-284317f24842

A blind rivet assembly includes a mandrel having a male threaded portion at its distal end to be screwed into an internal female threaded portion of a rivet body. An input voltage for the power supplies powers, and is monitored by, a first control unit having outputs for enabling the power supplies. The resolver receives a request to identify a set of resources of the provider network based on specified criteria.

1459826407-130502f8-3386-4b2a-bd4a-aa975f0e6f6b

Heatingdefrost constructions of a very low temperature refrigeration system having a defrost supply circuit and a defrost return bypass circuit optimizing the heatingdefrost cycle, preventing overload of its refrigeration process and protecting components from damaging temperatures. The camshaft is biased in one axial direction thereof by a driving force that the helical gear receives from an

engine crankshaft. The MCDN terminal devices may also include wireless telephony devices for mobile remote viewing functionality. Alternatively, a two-dimensional or three-dimensional object can be attached to the fabric material. Air compressor 200 can provide a means for producing energy through compressing compressible fluid and a source of heat for generating steam to produce electricity on-site or downstream.

1459826407-2567de4f-9d8a-43c2-8c83-abd5f2df4044

A three-dimensional laminating molding device includes ejection heads that eject support material for a support, and an ejection head that ejects mold material for a mold. The integrated communication apparatus includes a Bluetooth earphone having a signal transmitting terminal, and a body having an earphone receiving slot and a control circuit board. A plurality of support columns extends between the top plate and the bottom plate, with each support column formed of a plurality of fluid-filled bladders. Medical implants utilizing the present invention include surgical implants for spine stabilization.

1459826407-ec0bd3de-3a43-4c2f-84fd-d311714ecfd4

A cover and insert assembly includes a cover having a pocket or sleeve formed between cover sections. A vacuum cavity may be disposed around a portion of the belt to remove captured particulate therefrom when a negative pressure is introduced in the vacuum cavity. The isocyanate component includes an aliphatic polyisocyanate. If that variance exceeds a selected threshold, the controller automatically determines that the amount of refrigerant in the system is outside of an acceptable range. The device comprises a fixed bar compensator at an adjustable oblique angle with respect to the winding line of the thread which varies the length of the free path of the traversing thread. A synthetic aperture is produced by the waves output by an antenna being concentrated initially in spatial terms, the point of high concentration being moved on a reflector along a circle.

1459826408-a08bace5-cc56-4645-859b-2dce84820621

An adjustable delay line phase shifter is configured as a microstrip transmission line having a MN matrix of conductive elements mounted on a insulating substrate. Airside equipment for providing supply air to a room or zone. or lower and is contained in an amount of 25 to 45 parts by mass in relation to 100 parts by mass of the vinylidene chloride copolymer mixture. The recorded flush test diagnostics and further test diagnostics are then analyzed to identify a call to one or more probable failed or failing shift register latches in the tested scan chain. The maximum transmit power may be adjusted dynamically by the control circuitry based on data from the proximity sensors, data from a magnetic sensor that detects whether a cover is present on the device, a connector sensor that detects whether the device is coupled to a dock or other accessory, and other sensors. Electrodes of the substrates are accurately aligned to be electrically connected to each other.

1459826409-1d6219b9-2780-4f88-89da-cf65843379f6

A lightweight vehicle ladder for the recovery and traction of vehicles includes a central recessed portion bordered by longitudinal strengthening ribs and ramps at either end. Since this type of memory cell becomes unusable after a finite number of erase and rewrite cycles, although in the tens of thousands of cycles, uneven use of the memory banks is avoided so that the entire memory does not become inoperative because one of its banks has reached its end of life while others of the banks are little used. The N signals are subjected to band pass filtering using N band-pass filters, so as to generate NXM signals  $s_{ij}$ ,  $i=1$  to M,  $j=1$  to N.

1459826409-6edd2aa1-e05c-4cc4-87ff-6445cf48b5c3

Described herein are techniques for distributed key management in cooperation with Trusted Platform Modules. This includes acquiring sensor data from the sensors and creating a blog entry containing the acquired sensor data. High yield of TSV

formation can be achieved by utilizing a substrate that embodies bulk micro defects at a density between 1e4cc and 1e7cc and having equivalent diameter less than 55 nm. Nodes failing to gain control of the coordinator virtual device remove themselves or are removed from the cluster.

1459826410-974e4d07-6b61-42e1-85a9-1c0cf6121c70

A greater variety of frequency combinations may be utilized in multiple situations, including, by way of example but not limitation, hard handovers, soft handovers, macrodiversity, etc. Said inner narrow band optical wave guides bend out at the ends of said outer hollow core optical wave guides to extract and guide out the selected component of the incident optical spectrum. actinomycetemcomitans, the population of regulatory T cells will be enriched ex vivo and adoptively transferred back to the patient.

1459826410-9b36ab84-6b8d-49e9-818e-49f5a05fbcac

In a method and device to automatically determine a rest phase of the heart of an examination person in an imaging device, multiple images of the heart are acquired during a cardiac cycle and the rest phase of the heart is automatically determined by post-processing of the acquired images, and the determined rest phase is used for subsequent measurements. A first projection control block is constructed, by a computer processor, to describe the first projection operation. A run-off portion is formed in the restricting portion so as to allow the inner cylindrical portion of the hammer to move thereinto, so that the hammer can move backward for a distance corresponding to a depth of the run-off portion. The system on a wireless device further includes a processor in the wireless device for configuring settings of the wireless device in response to the user action. When creating a socket for connecting to the internal host, the socket is configured based on the tunnel configuration data.

1459826412-a97916b7-e3c4-4834-8854-a80f6ebc00ce

A lens barrel includes a barrel wall disposed about a longitudinal axis, an external thread continuously formed on the barrel wall and having a continuous crest, and two parting lines that are longitudinally formed on the external thread and that are symmetrical about the longitudinal axis. The power system module includes a plastic case, a molding type power module package, a control circuit board, and at least one external terminal. In addition, the process can be used in damascene applications, and can be used to form a wide variety of capacitive structures while reducing the number of mask layers required for formation. The number of changeover operations of the amplifier is considerably reduced and thus the detection time is shortened.

1459826412-d00a9531-5090-42e1-8548-c796a370c3f6

When performing an inspection using a charge control function in a SEM wafer inspection apparatus, acceleration voltage, control voltage and deceleration voltage are changed in conjunction so that incident energy determined by \u201cacceleration voltage\u2212deceleration voltage\u201d and bias voltage determined by \u201cdeceleration voltage\u2212control voltage\u201d do not change. Each area of the divided electrodes is formed differently from one another, and each curvature of the film in the divided section also is formed differently from one another. The clock adjustment apparatus includes a phase error calculation circuit which calculates the phase error of the clock signal based on the sampled values of the readout signal. The bottom section via can have a larger cross section for ease of forming a conductive path therethrough. An appropriate range of the oblique cross angle is 24\xb0 and 34\xb0. Additionally, methods and nodes are disclosed for OAM configuring one or more tandem connection monitoring layers through GMPLS signaling after GMPLS sub-network connection establishment, that is, for existing connections.

1459826413-0a75ada2-ff61-4dfa-8a3a-2431501e6a3c

The invention relates to a reuseable seat delivery pallet for transporting seats. The photo-addressable type recording display apparatus is provided with a recording unit that displays an image, a light writing unit that writes an image in the recording unit by the pattern of light, and a control unit that controls the recording unit and the light writing unit. The slot of the expandable sealing element enables the expandable sealing element to expand around a spoolable sensor array. The media handling system is configured to access the plurality of data media received by the media storage device. To accommodate the required movement of the movable arm, the bracket has a deflectable locking edge that moves between a rest position and a deflected position. This process prevents the gate structure from degradation caused by thermal stress.

1459826413-c16c668c-102d-4910-bea5-9a4c352a99b3

The present invention relates to a polyurethane foam dressing material with improved moisturizing rate. The Interface Tier supports interaction with users, and includes an On-Line Analytic Processing Client that provides a user interface for generating SQL statements that retrieve data from a database, and an Analysis Client that displays results from a data mining algorithm. The water distributing pipe comprises a connecting part connected to the water supply pipe, a water discharging part extending from the connecting part and discharging the water to the ice cube tray, and a projecting part provided in the water discharging part distributing the supplied water. In another embodiment, the device may suppress transmission of a beacon request to join the communication network based on a density-aware redundancy count of other beacon requests from neighboring devices, and transmits beacon requests at an adaptive interval that increases in response to each unanswered beacon request. Software means is based on the C++ procedures with levels of LUT.

1459826413-e89a2057-d527-4de9-99af-9e24be811e44

A retractor and a surgical tool are positioned at the distal end of the cannula. As a result, a card member 108 is provided with a single card that serves as both a credit card and a club membership card for access to the service partner's exclusive club. The spin motor functions to rotate the chuck while the air cylinder shaft functions to elevate the chuck. Furthermore, the chin support central portion is essentially perpendicular to the rest of the front collar portion.

1459826414-1fc1ae57-92f9-4a5e-995d-4700073f570a

The reassembly timer in a TCP/IP receiver is dynamically set to avoid data corruption on fast networks caused by IP identification wrap-around. The device includes a support structure, an obstructing member carried by the support structure that reduces ventilation to the lung portion by preventing air from being inhaled into the lung portion, and at least one anchor carried by the support structure that anchors the obstruction device within the air passageway. Then, it identifies a location of the UE where the poor performance is detected, obtains an identity associated with the UE, obtains an address associated with the UE and identifies that the location of the UE is residential and that the address corresponds to the location. The dampening spring is mechanically coupled to a blade control plate, where the blade control plate is mechanically coupled to a first blade control pusher bar, a second blade control pusher bar and a blade control plate stem. The kits can be used to treat various surfaces to alter the physical properties of the surfaces.

1459826414-91612c55-54e8-436d-a4c6-a47c6cff8b5f

Provided herein is technology relating to isolating nucleic acids. The methods involve sampling soil comprising hexavalent chromium to determine a reaction amount of a reducing agent, providing a frame on a top surface of the soil, wetting the soil, spreading a reducing agent on the top surface of the soil, and flushing the soil with water to dissolve the reducing agent. During the period of charging the photosensitive drum or cleaning its surface, the rotary brush is rotated in a first



mode in which the brush rotates rubbing and sliding the surface of the photosensitive drum, and during other periods, in a second mode in which the brush is rotated passively as driven by rotation of the photosensitive drum. The second periodic signals are output from the optical signal output device connected to the displacement detection target and have amplitude gradually decreasing with the displacement in the predetermined direction of the displacement detection target. A fluffer comprises a rake pivoted to the scraper is extendable for fluffing bedding while performing the vacuuming operation. The growth apparatus controls the oxygen concentration of the Si single crystal ingot to various values thereby producing the Si single crystal ingot with high productivity and extremely controlled growth defects.

1459826415-238586fc-1c68-4a71-9bc1-40551afb831a

Disclosed herein are polyurethane golf ball compositions. A metal gate region is formed at a top surface and at least one side surface of the fin. A plurality of electrically-conductive elements are arranged about the surface of the at least one hemi-toroidal interposer and extend radically inwardly and downwardly from an uppermost end thereof into electrical contact with at least one component located on an opposite side of the electrically insulating carrier plane. Information that identifies the first and second media types for printing the first and second page ranges of one or more pages of the electronic document are transmitted to a printing device.

1459826415-a3462c9e-61b6-4c0e-9189-4079f89f52ae

A fiber optic gyroscope including a non-coherent light source for producing a first beam of light, an optical circulator in the path of said first beam for providing polarized second and third beams, respectively, with polarization orthogonal to each other, and a time division multiplexer in the path of the second and third beams. The network element is arranged to deliver packets between the wireless telecommunication system and other packet data networks. A system controller is responsive to the signal from the detector. Furthermore, the wireless transmitter including the lockout unit may be tested as a standalone device, facilitating regulatory agency certification as a modular transmitter. A power decrease is initiated for selected ones of the unneeded functional units that are determined to be in an operable power state. This double authentication ensures the authenticity of the program for its overall execution in the terminal and the origin of the second card, distributed through conventional channels, for the network operator.

1459826416-7a60ea61-2d7c-4934-b9fb-748a44fc222f

A bracket system for forming gate assemblies comprising at least two brace members that are rigidly attached to hinge assemblies. An IC assembly including a substrate with bumps and at least one layer of filled underfill on the substrate surface and a layer of unfilled underfill over the filled underfill and the bumps. It is possible to conduct patterning using a photolithography process due to the simultaneous development of black and bus electrodes, which can act as electrodes due to simultaneous sintering. Since a part of the surface of the nickel hydroxide is covered with the high-order cobalt compound containing alkaline cations, the high-order cobalt compound with high conductivity produces a highly conductive network within the positive electrode so that the rate of using the active material is improved.

1459826416-94fdb076-4aba-41d8-a018-28eea88acc35

A method for making a catch-pit, such as the catch-pits often associated with underground pipeline junctions, manholes, or the like, where it is desirable to join a horizontal pipe with a larger-diameter, vertical, hollow, cylindrical works by means of a cottering or sleeve joint. The temperature indicator can be various forms of contact thermometer, temperature strip or sensor and can be integral or temporarily affixed during installation or for later assessment for correct panel gapping. The device moves along the riser downwards and upwards by a combination of

gravity, buoyancy, thrusters and action of expansion of gases. The layer of thermal insulation is sandwiched between the top cover sheet and the heating element, and the bottom pan sheet is formed from a thermally conductive, corrosion resistant material, the bottom pan sheet having a lower wall and at least one sidewall.

1459826416-c9f4ea40-e625-4626-860c-98ae847f9b93

A method and apparatus for intelligent power management for low power link states. The semiconductor integrated circuit device secures a sufficient delay time with a small area. The display panel includes first and second sealed chambers in adjacent relationship.

1459826416-e93d0cea-0939-4619-a68a-70122f97daee

An intervertebral spacer device having a pair of opposing plates for seating against opposing vertebral bone surfaces, separated by at least one spring mechanism. The support system includes a port side float connected to the paddle board such that the port side float is parallel to the central axis. A management system creates a topology agent for each SIP-domain and registers it with the governor proxy of each SIP-domain. In yet another aspect, methods have been developed for the preparation of such retinoid receptor ligands from readily available compounds.

1459826417-fa7d2d0b-82ee-404e-b357-3b4c707ac0cc

A method is performed in a mobile device for selecting or excluding an access point for use in wirelessly connecting to a network. In one arrangement the additional spinal construct extends an existing spinal construct ipsilaterally with an inline rod connector in a minimally invasive or preferably, percutaneous procedure. The actual capturing area of the image capturing device is selected from a capturable area of the image capturing device in accordance with first information which is sensed by a sensor device. Lubricating fluid is pumped through the channel to lubricate the inter-axle differential gear assembly.

1459826418-2b7a2962-b2b7-4407-b25d-203fa0ad2b6d

A system and method for subscriber reminders. Second, a correction is made for dividing the photomask into a plurality of mesh regions to correct the pattern configuration of the photomask in accordance with the occupation rate of the mask pattern in each of the mesh regions. A release mechanism is disposed between the chassis and the holder for disengaging the latch from the cartridge when the cartridge is unloaded from the holder.

1459826418-403c8d03-0b4f-4c30-a46a-1a258a4cc2f1

A method for hemming an inner panel and an outer sheet metal panel together. A respective port attempts to establish a link when a corresponding one of the enable signals is in a first state, and the respective port detects physical layer activity when a corresponding one of the enable signals is in a second state. The resources are fully selectable and allocable by a system architect. The protruding portion and the side face form spaces opened at both ends therebetween. If the signal component of the measured signal is a periodic signal characterized by a specific asymmetric shape, a specific adaptive filtering is applied to the measured signal, resulting in the enhancement of the signal component relative to a noise component. Each of the resistive random access memory cells in the array includes a transistor and a resistive random access memory element connected in a common gate configuration.

1459826418-623b7824-13d6-4fc9-b0c3-ce0aca6acf24

A portable, on-line barcode printer has a very small number of variable function keys, each of which is actuatable to perform a large number of non-data entry functions for monitoring various components, performing diagnostic testing and setting up the operation of the printer. The controller is shaped in a form identical to the character and comprises a posture detector, whereby the controller

can be moved to operate various movements of the character. The insulation is bounded in lateral direction of the semiconductor body by a circumferential diffusion barrier.

1459826418-70fffd407-7168-4979-8129-fca8a94bfc7

An epidural patient support includes an upper body support and a foot support. The transfer device comprises a first conveying device which is moved in cycles, a second conveying device which is moved in cycles and extends, at least in sections, parallel to the first conveying device, and a pushing device which performs a pushing motion substantially perpendicular to the transport direction of the conveying devices. The information also includes a state identifier that indicates a state of a device that includes firmware components. A movable stop includes two legs movably coupled with lower ends of inner sides of the lens receiving portions. The algorithm inputs azimuth angle elevation angle and range and is capable of inputting data from three different data pre-processors. The polymer is obtained by polymerizing urethane acrylate oligomer and acrylate.

1459826418-902a0273-a882-4b93-a1df-26960f5ee3f3

An improved induction lighting system is presented where the electronic power supply device powering the induction lamp is insulated and an extensive set of heat sink fins is provided to control the temperature of the power supply. The apparatus and method include the use of a penetrating individual independent lead finger clamp during the wire bonding process to provide increased stability of the individual lead finger for improved bonding by the clamp penetrating a portion of the lead finger being bonded. The system further includes a control system configured to disable a load output of the DC-DC converter and enable the output of the linear regulator when the detector detects that the signal characteristic has moved outside a predetermined threshold range. In one embodiment, delamination features are included to inhibit the tendency of laterally oxidized mirrors from delaminating.

1459826419-533be629-eb0-43aa-8e54-384b27c0a2e0

A discriminative machine learning system for labels text and non-text strokes in digital ink. A catalytic material promoting dissociation of the ultrapure water and having water permeability is disposed between the workpiece and the cathode. The speech server supports static grammars that do not change and dynamic grammars that may change after a commit. The core includes silica, a concentration of alumina of between approximately 0.

1459826419-d179e488-c882-419b-a454-65dad8ed8c34

An electronic system having a hard disk drive is provided with a transparent cover that allows the elements of the disk drive to be observed while they are in operation. A control based class can be extended to produce a Java Server Face. An estimated resource utilization is established for each of the backup tasks based on a set of backup statistics. The network file access transactions directed to the network storage resources are modified counterparts of policy selected client network file access transactions modified to reference mapped network storage resource mount points and support the secure transfer and storage of network file data.

1459826420-06392814-2de3-4d32-8380-815077b7c09a

A delivery system and method for vaporizing and delivery of vaporized solid and liquid precursor materials at sub-atmospheric pressures between a heatable vaporization vessel and a processing tool. Each sidewall defines a plurality of contact recesses. The isochronous phase and/or frequency of the repeating isochronous transmission may be variably adjusted to reduce signal interference.

1459826420-1e4c8996-1a32-4ddd-b27d-c5e3f3559d2d

An apparatus for shining shoes is provided in which an oil shoe polish containing

5 volume % of an oil ingredient is substantially coated on a shoe surface by using a rotating sponge and is maintained for a certain time period under a high temperature environment of above 60°C. A method includes simultaneously forming a terminal bond pad on a terminal wire and a thin film resistor on two other wires. A guide plate on the housing is positioned over the adjacent segments of the conveyor with a slot located to guide a specimen carrier from the first segment to the second segment. The motor is operable to drive the cutter elements so that the cutter elements shred the articles fed therein. The disruption processor inserts disruptive content to the input content creating output content that impedes the ability of optical recording devices to make useful copies of output content. The fixed column fixed with the toilet has a third axle hole receiving the rotating shaft.

1459826420-3a6cb90b-d8b3-489f-928e-d2a4f3b7cf63

Briefly, in accordance with an embodiment of the invention, a phase change memory and a method to manufacture a phase change memory is provided. The polymers so prepared can be used as the main film-forming polymer in high solids coating compositions, especially those useful for finishing automobiles and truck exteriors. The transformer includes a primary winding electrically coupled to the secondary winding and configured to drive a load. Evaluation of traffic against multiple definitions may also allow traffic to be classified or verified more specifically than would be possible based solely on explicit type indications provided in traffic overhead.

1459826420-46f9f5cc-1795-4fdf-9608-cf9dcb6ee126

A capacitively loaded magnetic dipole is configured with an E-field distribution so that the thickness of the antenna can be reduced while still maintaining high efficiency. To this end, a spring-loaded locking pin is integrated into the peripheral cam, said locking pin being co-rotated when a rotor pertaining to the steering column lock is rotated. Openings providing access to each of the longitudinally extending lumens are spaced from one another longitudinally along the body.

1459826420-c989d1f9-23d4-4a39-8b15-7ba9fc3cb7fb

Methods and apparatus are provided for treating congestive heart by actively or passively enhancing perfusion to the renal arteries. The system includes a delay chain of components having a plurality of components wherein each component of the delay chain of components has a first delay time interval. In addition, the clamp element has a clamp part to hold the lamp.

1459826420-da7c558b-d928-44c8-8ccb-fabb70b94771

The invention relates to an automation network and to automation equipment, network components and field devices for an automation network of this type. Each AD conversion unit has a pulse delay circuit including delay units connected in daisy chain to form a ring delay line. The motor is positioned forward within the housing in motor receiving section, with the drive shaft of the motor facing rearwardly.

1459826421-29269485-f012-45d0-8b21-b8b804be8e76

In a read label as an information recording medium and a method for recording information thereon according to the present invention, the read label includes: an adhesive layer 3; a metal film layer 4 disposed on the surface of the adhesive layer 3; and a light-transmissive protective film layer 5 disposed on the surface of the metal film layer 4. An insert is inserted into a recess of the piston up to a first stop, the insert having a ball seat and an expandable insertion sleeve which is undercut with respect to the ball seat and protrudes with its expandable region. The coolant flow path in the main spindle includes a coolant receiving portion that receives the coolant supplied from the coolant supply section, and a plurality of hole-shaped flow paths formed to extend in the axial direction of the main spindle from the coolant receiving portion. During a swing, undesired lateral

head movement is indicated by contact between the golfer's head and an arm, with the arm resisting such lateral movement to provide a proportional tactile feedback regarding such lateral head movement.

1459826422-6b314cf6-87cf-4838-bdb4-f7c5e680aad7

A lid for a container includes a side element extending from a front of the lid to a rear of the lid. The replaceable absorbent core component may be removed and a like component may be substituted in place of the removed component without the removal of the absorbent article from the wearer. The base has a top, a free end, a pivoting end and a pivoting portion. A pair of elongated rigid arms are pivotally mounted at their inner ends to the second module member pivot mount, while a pair of electromagnets are fixedly mounted to corresponding outer ends of the rigid arms. The single package of resources excludes the identified page resources already cached on the computing device.

1459826422-f8842cd9-e7ba-43da-8e56-6ff2fc27ddca

Disclosed herein are an electrochemical system, a hydrogen gas fueling system, a cascade system, and methods for using the same. The tissue expansion device may be an olive or wedge formed near the tip of the cannula, and the expansible sheath includes two elongated shells that are fixably attached near proximal ends, and that are resiliently connected near distal ends. One of the rotating connector assemblies is positioned on the propellant charge igniter and provided with a connection to the electrical line section that is oriented at an angle to the axis of rotation of the rotating connector assembly. When these values are combined, the result is the present calculated carriage height. At least one of the medial and lateral side portions comprises a skirt portion integrally formed with and extending therefrom, the skirt portion being folded inwardly to form a sole having an upper surface for facing the plantar surface of the foot. In one embodiment, a feedback circuit is associated with each antifuse element to stop the flow of current through the antifuse element once it is programmed.

1459826423-1880e084-a16c-4b8b-a22b-5e6c5d2ea9eb

An infant positioning system and method for positioning an infant during sleep. In the light-emitting diode, the n-side electrode has an n-side connecting portion and an n-side extending portion, which extends in the longitudinal direction from a predetermined part of the n-side connecting portion, and the p-side pad member has at least a p-side connecting portion to be connected to a conductive member. The method and apparatus of the present invention have applications in parallel synthesis of molecular sequence arrays on solid surfaces. The parabolic mirror and selected additional components may be commonly mounted on a translatable stage which is moved along a radius of the disk when the optical inspection is being performed. The body is separable from the platform when the platform is mounted to a circuit board.

1459826423-bde945f4-fe29-4272-b194-bfe6fe54eb33

A system for managing dictionaries, such as an application dictionary and a domain dictionary, and for adding entries to a data log is described herein. The order of processing may be restricted by selectively locking the context for exclusive use by a selected lane in a multi-lane serial-attached small computer system interface hardware protocol engine while the selected lane processes a selected one of the frames. It is then possible to dispense with loudspeakers and the like in the appliance which contains an electric motor with such a motor controller in order to output, for example, signal tones which indicate an operating state of the appliance to the user. Furthermore, the method gives economical and environmentally friendly values from natural marine algae.

1459826423-d83fd555-f696-4887-b1a3-fa7c28243cd0

A highly integrated DRAM is provided. A 4-wire assembly is used for replacing conventional incandescent light bulbs with fluorescent light bulbs in existing

lighting fixtures recessed downlights, in particular. This map indicates the type of change.

1459826423-e0fc1bd6-5500-4029-97b0-b7d01a74a280

A sealing part that is inexpensive and enable excellent durability to be secured without the need for a predetermined sealing space as would be required for a double sealing structure. More accurate and timely information concerning the status of customer tanks serves to improve operational efficiencies and increase safety. At least one attitude sensing device is coupled to the second spacecraft for determining estimated spacecraft attitude data for the second spacecraft. The receive portion of the physical device can then deserialize the random pattern of bits, and present those bits to logic within the test system. In one embodiment, the implant is a satiation device and the body cavity is the esophagus and/or stomach. If a call origination has occurred, a calling user element sets up a voice data channel with a called user element and forms a data path with the called user element to transmit caller image information.

1459826424-0d79beb2-625e-4352-965e-1f98139fe746

There is provided an EL light-emitting device with less uneven brightness. A control method is also provided. The invention monitors table activity and decides if the data in a table has changed sufficiently to require a refresh of invalid statistics. The water exiting the water nozzle has an average diameter of 60 microns or less, which facilitates complete evaporation and effectively produces a cool, dry air stream.

1459826424-14c507c0-b249-46db-a14c-e02c8c5c7407

The apparatus for analysis of physiological fluids of the invention contains equipment for automatic introduction of reference fluids to a sample aggregate inlet of the apparatus. The pipe chamber 14 may be welded at 28 to the plates 12. Hence the temperature of the environment can be reduced at the higher rotation speed. The transport member includes three sections with the second section located between the first and third sections. The Clock Data Model collects, manages, retrieves, and queries all of the simulation information.

1459826424-6a40903d-0126-41ab-9baf-fdef317ebce6

The detection device comprises an electrical power reserve, a voltage regulator configured to regulate the voltage supplied by the electrical power reserve, at least one capacitor charged by the voltage regulator, a detection circuit powered by the capacitor and a switch. The transmitter also includes logic configured to determine values of the bits in the control character and construct a corresponding plurality of rebalancing control characters based on the determination of the values of the plurality of bits in the control character to have bit values selected such that the combination of the control character and rebalancing control character is DC balanced. The first photonic node is coupled to a first electronic mosaic and is configured to transmit electromagnetic signals encoding data generated by the first electronic mosaic to a second electronic mosaic and receive electromagnetic signals encoding data generated by the second electronic mosaic. The exposure dose for the individual exposure operations is chosen in such a way that, proceeding from a predetermined minimum exposure dose, the exposure dose is increased for each exposure operation compared with the respective preceding exposure operation. To achieve a good shaving result while at the same time protecting the skin to be best possible effect, it is proposed providing the blade with an outer boundary section which is raised in relation to the cutting edge, faces in the direction of the outer cutter and inclines upwardly from the cutting edge toward the outer cutter.

1459826425-42789a2b-a636-4ec6-ba45-dbd6f6a40829

A fabric light control window covering in which fabric vanes are adhesively bonded between two sheer fabric sheets such that relative movement between the sheer

fabric sheets in a direction perpendicular to the longitudinal direction of the fabric vanes changes the angle of the fabric vanes and, thus, controls the amount of light admitted through the shade. The master node and the slave portion provide a differential transmission system for differentially transmitting a signal among the master node and the slave nodes. The blocks contain bits of information which define an absolute position. 4 protocol or equivalent, and at least one processor. The coupling capacitance 27 changes the gate voltage of the NMOS 13 when the input clock signal rises so as to keep the above on-resistance constant.

1459826425-d5cd59f5-0c6a-4a4a-acb3-7aa39074d163

A heat sink includes first and second fin sets. The perfusion tube is connected to a stent formed of a wire-type material. The forms are provided as angled corner or straight forms having an overall length of four feet. A DC-DC down converter can be used as a power supply for the receiver, and a SAW resonant circuit can be used as an IF oscillator for the receiver.

1459826426-85ac298b-33ce-4a42-8c70-b6b2634cbb17

A cardiac rhythm management system includes a heart sound detector providing for detection of the third heart sounds. The current detection unit 10 comprises an optical fiber sensor 11 extended or looped around a conductor 30. The yarn or wire has a characteristic value of tension and/or speed and/or quantity during this feed, and the actuator has a stator and a rotor acting on an exit drive shaft, which has its own piloting arrangement. A viewport region corresponds to a portion of the representation of the process system less than the entirety of the representation of the process system. Optionally a surgical microscope, an ultrasonic diagnostic system as well as a calibration procedure may be integrated in the Neuro-navigation system in accordance with the invention.

1459826426-fe352bb2-97d0-46c3-9f7d-6590103c3927

A nonmetallic pump with a gear pump assembly having an adapter spool mounted to an electric motor. Methods of using compounds of Formula Ia and Ib, and stereoisomers, geometric isomers, tautomers, solvates and pharmaceutically acceptable salts thereof, for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions are disclosed. In general, the switch is structured to only carry a level of current that is a portion of the current required to obtain a full field by the superconducting magnet. The spring member retains the bearing with respect to the boss portion and restricts rotation of the cap member. These virtual machine execution environments can independently set their own page size variable as can the page size of an associated hypervisor 62. The module is arranged so as to form a diplexer in which the septum is included and where the access points by rectangular waveguide are extended by filters, each access point being endowed with a filter provided in order to transmit a frequency band which is different.

1459826427-09c47fab-be2b-44ab-97ea-1590a31c738f

An interchangeable die system in accordance with the present invention may include two main parts: a shank and a die assembly. Prior to a flame treatment, a joint surface of the metal plate is heated with a direct flame of 900° C. The device is attached to an object which is subjected to vibration, such that the apex of the device points in a direction away from the object. Each of the silencing passages communicates with the ventilation passage through at least one opening formed in the dividing partition and at least one of those silencing passages is provided with at least one passage extending partition to extend the length of the silencing passage. Then, in response to the finalization command, predetermined data is recorded in a temporary defect management area to prevent further data recording on the write-once recording medium. An intermediate portion of the valve is in facing engagement with the collar deck, and an annular wall portion of the valve extends from the inner end of the intermediate portion.

1459826427-238b4506-e8b5-4c8b-8df7-e87dea72f2aa

An aluminum gallium nitridegallium nitride layer is formed on the surface of a silicon carbide substrate. According to one example of the invention such a semiconductor device includes a semiconductor chip including an active area. In some embodiments, a width of the first transistor may be larger than a width of the second transistor. The semiconductor device further includes a first material having a first portion and a second portion, the first portion of the first material filling the first portion of the at least one opening. This makes it possible to realize a communication device which can easily transmit the content data, obtained from the outside, to the communication counterpart device, that is, this makes it possible to realize a communication device which can easily share the content data, obtained from the outside. During the formation of the upper capacitor plate in a capacitor structure, metals or their alloys are simultaneously patterned as an upper capacitor plate and as a fuse.

1459826427-67b0fbd9-a081-4aeb-a45e-1dd7dcc44cec

An electronic apparatus, to which Chinese characters can be input by using a phonetic input method. The system may vary parameters of a light drive signal used to generate the photonic signal from a light source such that power consumption is reduced or optimized. While the surge is passed, the potential of the power line 1 rises to turn on the three transistors 3, 6, and 7. The device forming the object of the invention, preferably in the form of patches, is useful for in vitro cell cultures or for treating tissues damaged by wounds or necrosis, such as cardiac walls bearing the sequelae of infarction, or a tissue damaged by a diabetic ulcer. A groove portion is provided at the leader block. The positioning section adjacent to the ventilative recess achieves a ventilative portion to discharge gas inside the positioning section so that optical fibers are assembled and processed precisely and rapidly.

1459826428-6125197a-ec6f-4736-a4bf-5f9321902c01

The present invention relates to an automated safety system having at least one projector to direct electromagnetic energy into a region of space associated with a security, warning, or safety zone. The device includes a semiconductor substrate; an STI layer in a predetermined portion of the semiconductor substrate, dividing the semiconductor substrate into an active region and a field region; and a field channel stop ion implantation layer in the semiconductor substrate under the STI layer. The at least one client is configured to send messages to the primary server. The bicycle maintains its position with gravity and only contacts the invention with its front tire, thus protecting any delicate bicycle components from physical contact with the storage rack. The conditional statement controls execution of the body of the generated constant looping statement, which includes the body from the original variable looping statement.

1459826429-02a97893-9e25-4a90-a93d-6f9c9f39753c

A user is registered to use telecommunications services provided by a home service provider in a wired home network. The outer surface of the core includes a plurality of polygonal protrusions aligned on a common sphere and a plurality of grooves that extend radially inward from the sphere and respectively separate and define each of the polygonal protrusions. The method also includes repairing holes formed by the specific triangles if the all specific triangles have been determined, adjusting a normal vector of each specific triangle, and outputting a triangular mesh surface constructed by the adjusted triangle.

1459826429-262ef242-435f-4432-b7aa-03a4180599b7

A hard disk drive system including a controller and a plurality of slave testing modules located in respective components of the hard disk drive system. 3a and 3b show two side elevation views of a vehicle passenger cabin defining a passenger space wherein are featured an actuation device, generally designated 2, balancing gas springs, generally designated 65, pivoting hinge member 4, inner weather seal



50, outer weather seal 51 and draught proof brush seal 62. The use of the method and composition alleviates problems associated with crystalline dithiazine deposit build-up associated with the use of triazine based scavengers. A request to reload the first webpage is received. Data in second areas disposed between the first areas of the memory component are estimated. In a first embodiment, first and second liquid crystal polymer dielectric layers are directly bonded, respectively, to first and second opposing surface of a thermally conductive layer, with no extrinsic adhesive material bonding the thermally conductive layer with either the first or second LCP dielectric layer.

1459826429-5b5ba696-ec43-405e-a5b2-d439d047c68a

An apparatus for removing dust and fumes from a flow of air, particularly a flow of air exhausted from an industrial work area. The RF switch circuits are configured into a multiplexed circuit to route video signals from a selected host computer to a target monitor. The present invention includes the lower fascia having a molded and support structure which is attached to a main body through the use of living hinge features.

1459826429-5dc86239-f8e3-49d8-b2d0-b739000655bd

To provide a semiconductor device that can effectively suppress the short channel effect without deterioration of carrier migration, an impurity ion is added from a direction of the  $\langle 110 \rangle$  axis with respect to a silicon substrate on forming a punch through stopper under the gate electrode. By use of discontinuous or non-concentric surface engagement in such orientation and pattern to lock together the collar-clamp and the associated mounting component assembly, better load distribution and overall strength results while retaining an ability to position a component at any selected radial orientation relative to the post. The user receiving device stores tuning data for the local channel with program guide data stored in the user receiving device in response to the control command. A conformal dielectric layer formed on sidewall and bottom of the first and second trenches. In another specific embodiment, a series of clamp diodes are coupled between ground and an input pad, while a resistor is off-chip and in series with the input pad. A coefficient of current battery power consumption is directed in accordance with a user.

1459826429-64ff0c13-a6be-434e-a255-293612e35257

A vacuum seed planter uses a single seed plate for planting multiple plots of seeds. The method further comprises the steps of estimating an average distance between said peaks, and using the estimated average distance as an estimate of the pitch. In addition, the light conductor guides the light source of the luminous element outwardly so as to generate luminous and warning function. A cylindrical casing houses the rotor therein. The base station apparatus includes a preamble-sequence securing unit which secures, as preamble sequences not to be used in signal transmission, some preamble sequences of multiple preamble sequences used in the random access channel; and an interference power estimating unit which estimates interference power using the preamble sequences not to be used in the signal transmission. The filter system comprises at least one high temperature and, corrosion resistant filter.

1459826430-2d09e6e2-6722-466d-b61b-aebe326400d5

The present invention provides a method and a system for stripping volatile compounds such as ammonia from liquids. The ink composition further includes lithium and water. The force-applying unit, such as a spring, is disposed to urge the deformable portion in contact with the substrate to form a substantially fluid-tight seal. An influent port is formed in the upper case part for directing liquid flow approximately vertically into the approximate center of said volumetric measuring container.

1459826430-951f2517-8e23-4e5b-b00f-631324a8334f

This invention is a new and distinct cultivar of a zonal geranium named \u2018Hope\u2019 the cultivar has a large dark purple blossom and darker green foliage with a medium dark zone on a stable, full, well branched plant. A gate electrode is formed overlying the active semiconductor layer. Samples from the reference and relative channels produce relative amplitude and relative phase difference values that are plotted on the display. The curved display system also includes a digital light projection device for projecting images of one or more reels onto the curved material. The quantum well barrier composition may or may not have Kane-like bands.

1459826430-a1427948-cccd-43ed-8d01-e430615d6a74

A method and an apparatus are provided for encoding frames of image data. Ions corresponding to a plurality of peaks P11, P12 and P13 with the intensity or SN ratio falling within a predetermined range L are detected as MS2 precursor ions based on the MS1 spectrum. The vent spacer has a hub and a plurality of radially-extending fins coupled to the hub, the fins extending approximately to a radial periphery and extending axially between the opposed axial sidewalls to form a plurality of radial cooling channels extending between the sidewalls. The spheres move downward into a locking position upon movement of the sealing plug, to secure the sealing plug in its upward sealing position.

1459826430-b0ee403b-fc2f-41b0-bc7f-ab27d85b89ad

In a motion detection circuit, a difference signal between the video and one-frame delayed video signals is generated. The protocol gateway is implemented as a registration authority that operates as an intermediary between routers and a certificate authority, allowing routers operating in accordance with one protocol to obtain and maintain certificates for a VPN from a certificate authority operating in accordance with another protocol. The mesh pattern includes a trench-etched region in a mesh shape and a non-trench-etched region in an island or ribbed shape left in the trench-etched region.

1459826431-320455b5-c0a4-4655-b1b4-105456fb837f

A structural element for a fuselage cell structure of an aircraft, in particular a stringer profile or an annular former segment, the structural element being made from a composite material, in particular from a carbon-fiber-reinforced epoxy resin. The waveguide device includes a substrate, a polymer bottom cladding layer on the substrate, a polymer channel waveguide on the bottom cladding layer, and a polymer top cladding layer. The attachment assembly also includes an anti-rotation feature to prevent rotation. An auto diagram builder generates one or more message sequence diagrams.

1459826431-8e9d8930-5fde-40e6-87b3-d15cf014a849

A transmittingreceiving circuit holds a communication at a frequency f1 by using an antenna or an antenna, and a transmittingreceiving circuit holds a communication at a frequency f2 by using an antenna. The device utilization for one or more network devices are measured or read from measured data. The method includes determining a vibratory resonance condition of the rotor blade and forming a blade extension between the rotor blade root and the rotor blade tip that alters the determined resonance condition. The correction parameter can be applied to anode and cathode contacts on a single implanted lead. The leadthrough element projects through the ceramic plug with a close fit and is connected thereto in a gastight manner by way of a sealing ceramic. An immune response can be induced by administering the poxvirus 7 to 2 days prior to infection with the infections agents.

1459826431-f20b0192-b652-4045-bebd-c8e12ea75337

A detection framework that matches anatomical structures using appearance and shape is disclosed. The utilization of such metalated silica as a filler in rubber compositions results in improved polymer filler interaction and in turn improved physical properties. The non-cleavable-fluorescent group is designed to terminate

DNA synthesis so that DNA oligomers can be sequenced efficiently in a parallel format.

1459826432-6e192544-91c1-4bdc-84bb-43b2b7943b47

A lubricant injector having a body containing a reciprocal piston for dispensing lubricant from the body, a pin extending from the piston through an opening in the body, and a sealing assembly in the opening surrounding the pin for sealing against leakage of lubricant from the body along the pin. Thus the compounds or the salt thereof are expected as a drug for treating epilepsy. In order to provide a metal-ceramic composite having a high joint strength which is less likely to cause defects such as cuts or cracks at the joint, the joint metal layer 15 and the ceramic member 55 contact each other at an annular region of W in average width which extends circumferentially about the end face 55a of the ceramic member 55. An absorbent assembly including a liquid pervious bodyside liner, a liquid-impervious outer cover, and an absorbent positioned therebetween, is secured to the front and back panels. The smoking device may further be utilized as a practical means of proportionally and consistently regulating each draw of tobacco smoke.

1459826432-abf7e5f0-a7f5-4a0f-96cf-0a6391398f15

A customized surgical fixture is formed by scanning a body to form a three-dimensional image of the body, and then identifying in the image a target in the body, and mounting points or structures on the body. The ferritic stainless steel, contains: C: 0. The method also includes determining one or more image parameter values based on social activity of the target user. A second output communication is generated when a difference between the quantification of at least one type of information for at least one category and a reference for the at least one category is detected involving a psychological state, attitude or characteristic of the author to which a responsive action should be taken.

1459826432-d9efcf2f-4600-4460-b379-f5276044a741

A developer's system compiles a source-language program by parsing it into an intermediate language program that is independent of the architecture or resources of any particular processor. The energy will preferably be applied to the endopelvic fascia and/or an arcus tendineus fascia pelvis. The base assembly includes a base member, an aperture, and one or more base assembly rings.

1459826433-c96a6b0a-8114-4049-8fda-8670338828e1

An improved adhesive composition having increased insulative properties is provided. The present invention further provides a kit for use in detecting neoplasia. Based upon such the monitoring, the first gateway transmits information to the client device relating to establishment of a second tunnel connection or tunnel with a second gateway of the private network. The method includes providing a non-rotatable conditioning member configured to engage the polishing pad.

1459826433-cba21309-57a0-4144-b4ef-a26ce6c63a54

Disclosed is a device for connecting an ear-microphone to a mobile phone through an interface connector of the mobile phone. The stack memory apparatus includes a semiconductor substrate, and a plurality of memory cells, each including a switching element and a variable resistor connected in parallel, stacked on the semiconductor substrate. Further, for the metallic material, an aluminum or aluminum alloy material is used as industrial waste including refuse and cutting chips of an industrial aluminum material. The filter is movable, basically perpendicular, to the irradiation direction of the radiation source. When each track hook is positioned under each rail of the track and downward force is applied to the first bar member, the first and second bar members form the substantially straight line thereby lifting the track off the ground. Among other things, embodiments of the disclosure allow full access to application servers and other network devices that a client is allowed to access, while preventing all access of network devices the client is not allowed to access.

1459826434-3c6c5011-5ef4-42c2-86af-88b766b0f557

In a receiving section, a first mixer and a second mixer generate an I signal and a Q signal from a modulated reception signal, a local signal, and a local signal obtained by shifting a phase by 90 degrees. During storage, the engagement portions abut each other to be kept out of engagement with each other, whereby a drug containing space is defined between the gaskets. Therefore, the present invention is useful for all agents for skin external use, particularly cosmetics. The clutch part may engage with a cooperating clutch part when the sleeve is in the second axial position.

1459826434-c9a28d6c-7af3-4196-b01d-c11dbd38675d

A milking arrangement includes a milking robot with a gripper. The compiler apparatus creates threads for performing prefetch and prepurge. A core is provided in the interior space for providing strength to the pallet. The cleaning mechanism, which is configured to engage the head, includes the cleaning pad mounted to a carrier disposed near the head.

1459826434-f1087264-d25b-4849-86fb-327578a53c4b

A gas turbine combustor transition piece outlet structure enabling a reduction in the temperature difference of a flange formed at the transition piece outlet. Each transition arm is coupled to the headband portion and extends away from the headband portion length at an angle greater than zero degrees. The system determines whether the incoming call to the voice mail originates from the prepaid subscriber, i. A first module is activated based on the type of the interrupt signal to perform one or more functions. The disc members include an inorganic fiber, mica and a clay having a content of particle components that have a particle size of 5  $\mu\text{m}$  or larger of not higher than 30% by weight based on the weight of the clay. The method utilizes the detection of magnetic resonance signals from within at least one region of a primary, substantially non-homogeneous, external magnetic field.

1459826435-49eb023f-a64a-4b07-a7e6-79fcf7beabc3

A method of making a sterile adhesive composition includes placing a mixture of a polymerizable adhesive monomer and a thickening agent in a container, sealing the container, and sterilizing the mixture and the container. The use of Carrier Interferometry coding further improves the effectiveness of peak reduction. A finishing wheel is fixedly connected with each of the sliders. The inverse quantization unit inversely quantizes a quantization coefficient obtained by decoding by the lossless decoding unit by using the quantization value for each sub macroblock supplied from the sub macroblock inverse quantization unit.

1459826435-6eccae8c-f49a-44b6-9f8b-20dea8518bd6

Embodiments of the invention generally provide an apparatus and method for replenishing organic molecules in an electroplating bath. The scintillating fibers are manufactured from a GOS ceramic material. The powerline coupler provides voltage estimates of the common mode signal component to a signal processing unit. The disk substrate has a first major surface, a second major surface, and an outer edge. Optionally, piezo-electric fibers within the piezo-fiber layer are poled by inter-digitated electrodes supported by the thin film polymer, arranged as alternating symmetric longitudinally-poled  $\mu\text{CPush-Pull}$  units.

1459826435-7dbb3b23-ced8-4662-9d5b-7051df681f0b

A flash storage device includes a power hold circuit including a double layer capacitor. The surface channel transistor is either a PMOS or an NMOS device. A digital value associated with the integrated circuit is generated using the output of the first component, and then the generated digital value is used in operation of the integrated circuit. When the drive unit is brought into connection to the grip section, the pin is pressed distally to project out of the grip section into

engagement in the catch, to thereby prevent relative rotation between the neck section and the grip section. To reduce the likelihood of interference, a processing unit may determine whether to permit a transmission under one wireless network when a reception under another wireless network is already in progress.

1459826435-a1e4bfc5-2251-44a4-a4dd-f5104ae6538c

A content data distribution system uses a single key and multiple program authorization to transmit a plurality of programs in multiplexed data packets such as those used in Digital Video Broadcasting. The switching elements are connected to a power terminal through a corresponding resistor each, wherein the resistances of corresponding resistors or equivalent resistance of combination thereof are different. The compliant apparatus has mechanisms for monitoring and/or controlling its compliance. The system is capable of being handheld. The piston includes a sealing ring adapted to circumferentially seal against an inner wall of the cylindrical chamber and at least two axially aligned ribs.

1459826436-0ed71d11-ec08-4924-b979-1bed23f200af

An accessory support apparatus for use with a patient support includes a handle positioned adjacent an end of the patient support. The device adjusts gain of push-pull signals to raise the signal to noise ratio of the land pre-pits signal to the wobble signal. In certain operating conditions of the internal combustion engine, the pressure in the high-pressure region is lowered by means of a release device. The myocardial infarction detector detects an event indicative of myocardial infarction.

1459826436-4dd6b4a8-aa1b-4c87-ae54-c02685fcff1c

A process for continuously preparing a compound which bears at least two functional groups which are each independently selected from the group consisting of nitrile group, carboxylic acid group, carboxylic ester group and carboxamide group. The pneumatic tire includes a noise absorbing member of a porous material which is attached to an inner peripheral surface of the tire. This composition is subjected to a separation step to yield a purified composition comprising at least 95 weight % of dichlorotrifluoroethane and less than 0.

1459826436-54efee5f-3fe4-4b5e-b32c-bf74049f62e7

A photodiode for detection of preferably infrared radiation capable of detecting two different wavelengths wherein photons are absorbed in one region and detected in another. At least a portion of each leg of the stent comprises a discrete plurality of continuous filaments braided together, and at least a portion of the body comprises one or more of the continuous filaments from each of the legs braided together. The at least one granular material container includes a plurality of separate and distinct chambers, each chamber including a different granular material. The blowervacuum may further include a vacuum receptacle having an opening that selectively communicates with the air outlet when the passageway of the tube communicates with the air inlet. The lock has a blocking element which adjusts on introduction of the key into the holder and/or removal of the key from the holder.

1459826436-6d16be7d-333e-4bf2-a9ab-19a916efaa94

According to one embodiment, a wafer includes a substrate, a base layer, a foundation layer, an intermediate layer and a functional unit. The method comprises, for each of at least a few of the layers, dispensing and hardening at least a first modeling material and a second modeling material to form a core region and one or more envelope regions at least partially surrounding the core region. The device includes a detection apparatus for detecting a height position of the nozzle and a control apparatus for varying the height position of fluid injecting device in accordance with the detection. The first eAN sends a Traffic Channel Assignment message to a User Equipment based on the session transfer response, so that the UE can switch from a Long Term Evolution network to an

evolved High Rate Packet Data network based on the TCA message. The drink cupholder has a wall that mates to the bracket, and includes skirt walls that cover the bolts used for attaching the bracket and the seat backs to the seat standard. The dry fertilizer contains a contains nitrogen, phosphorus and potassium compounds, as well as a mixture of plant growth stimulators including at least one of each of growth promoters, vitamins, amino acids, carbohydratespolysaccharides, and adjuvants.

1459826437-05822ba3-d84f-4516-879d-a2fb560be554

The invention provides tissue engineering compositions and methods wherein three-dimensional matrices for growing cells are prepared for in vitro and in vivo use. The first band corresponds with a first emission sub-band of an emitting ion, and the second band corresponds with a second emission sub-band of the same emitting ion. The present invention provides the ability to dynamically partition row sources for parallel processing. The UE then determines a prioritized downlink CC for CSI reporting based on priority levels of the feedback types to be transmitted for each downlink CC at a given time slot. A stylus or other receiving device may determine its position relative to the electronically addressable display by analyzing the position-unique signals.

1459826437-52dbe411-2fdb-41d5-a83f-a0fdfaa0d909

A method, cache controller, and computer processor provide a parallel mapping system whereby a plurality of mappers processes several inputs simultaneously. Also disclosed herein are humanized COL-1 monoclonal antibodies that have reduced immunogenicity, compared to a parent antibody. Advantageously, the article of clothing is subjected to the action of gas jets on both sides. Thus, if one path is disabled due to an SEU, the other path can still provide the necessary connection, and the functionality of the design is unaffected. The angular position of the rollers may be aligned with an external reference such as the side of a column, a wall, or a jig. Such methods accurately evaluate the relationship between a disease and adiponectin through selective assay of adiponectin multimers and provide information that cannot be obtained through measurement of the total amount of adiponectin alone.

1459826437-76fd620c-40ca-4ef2-b1ac-4dc47e95c638

An induction sealing device which may be used for producing packages of pourable food products by transversely sealing a tube of sheet packaging material having at least one layer of induction heatable material covered with plastic material. As this matter is eliminated, the pressure drop is decreased and the heat exchange efficiency is increased. The seat base is slidably coupled to the chassis and rigidly coupled to the chair seat.

1459826437-ff2cedf4-c357-4b36-94f7-3f5289f143a3

A track light assembly adopted for a track light has a conduction track having two lateral sidewalls opposing each other, two lateral retaining members extending inwardly from the two lateral sidewalls respectively, a cavity formed between the two lateral sidewalls, and a cutout formed between the two lateral retaining member and communicating with the cavity. Thus, the press strips are snapped onto the back plate and rested on the mirror plate to retain the mirror plate on the back plate, so that the wide-angle mirror is assembled easily and rapidly. In particular, the present invention relates to a container closure made of an expanded elastomer by means of a thermal moulding method, characterized in that the expanded elastomer can be produced by means of a step of expansion by a supercritical fluid. The method continues with detecting iteratively the first probing signal at the unassigned wavelength through each of a set of ports of a second wavelength switching device during a time period, and recording a connection between the first port of the first wavelength switching device and a port of the second wavelength switching devices when the first probing signal is detected. Then, interval values are randomly generated based on the selected average interval value, and the

management data is transmitted from the sender to the receiver at irregular intervals corresponding to the interval values. An oxide-nitride-oxide dielectric structure or stack is formed on the surfaces of the floating gate structures and the dielectric material.

1459826438-04ae0cbf-d079-4a1b-87dd-b7cc1df70dba

A processor based system and method for virus detection is described. In embodiments, an MTF detector generates a value representative of a low frequency portion of the analog signal and a second value representative of a high frequency portion of the analog signal. In one phase, the flow graph is formed without modeling asynchronous transfers.

1459826438-9c0ced49-cefc-4386-a355-9737071b442f

A basesheet for use in an aircraft gas turbine engine exhaust nozzle includes a plurality of basesheet segments extending between longitudinally extending spaced apart basesheet leading and trailing edges, respectively, of the basesheet. The mode of action is by a route selected from blocking the conversion of testosterone to dihydrotestosterone by inhibiting the 5 $\alpha$ -reductase enzyme or by reducing oxidative stress or both. A second base member of the airflow meter, provided with a drive circuit and a signal processor, is housed in a casing holding the flow-rate measuring element. Based on the historical user interaction data, the sleep interval setting unit adjusts the sleep timer's sleep interval. The invention also relates to a CT method of examining objects, in particular of various sizes, by means of an X-ray CT examination installation generally identified above. Each joints is respectively disposed between the protruding portion of the control handle and the engaging member, each joint has an insertion aperture.

1459826438-ba89cb96-b943-4658-b06c-1cc3ed3c0918

A planar inverted-F antenna structure is parasitically coupled to a conductor loop at an open end of the main radiator of the inverted-F antenna. Such approaches avoid persistent tissue leaks and their consequences such as fluid leaks and air leaks. This prevents or reduces power loss due to capacitive coupling. The color filter elements may be interposed between the thin-film transistor layer and the backlight structures or the thin-film transistor layer may be interposed between the color filter elements and the backlight structures.

1459826438-f93d88a0-8f22-4f00-80e5-94eb6de06f12

An illumination device includes at least one solid-state light source, a thermoelectric cooler, a heat dissipation device and a first metal film. The modular sight system includes a replacement back plate receptacle for guns having a slide with a rear sight and rear back plate section for receiving a cover plate. The plurality of filtering passageways are used to filter fuel passing through the needle guide and induce swirl in the fuel to improve atomization. The electroconductive structure is electrically connected to the electrical output portion. Not only are the aesthetic properties conferred by these compositions thus improved, but their useful life is also increased, since they allow access to the desired shade right from the first application.

1459826439-212b796d-9699-4b7d-a54b-90382d854536

A compound having a structure and therapeutic methods, compositions, and medicaments related thereto are disclosed herein. The specification includes an input-output pair with a first data entity and a second data entity. One geometry fixture is at a ready position of the work station to support an automotive component during a processing operation. The first plug includes a first electrical data connector configured for insertion into a receptacle of the host computing device. In an advantageous development the transverse, depth and vertical profiles, as well as the associated fixing extensions of the corner connectors having a triangular construction. licheniformis host cell, which mutant host cell is mutated in one or more gene encoding one or more secreted polypeptide which is at least 80% identical

to one or more of the polypeptides shown in SEQ ID NO's: 2 to 248, wherein the mutant host cell secretes at least 5% less of the one or more secreted polypeptide than the parent host cell, when they are cultivated under comparable conditions.

1459826439-2a72fcf1-3849-411f-8845-bb10139c8323

A substrate holder for vertical furnaces is configured to support substrates in slots at inner portions of the substrates, rather than solely at the edges. A service method definition section defines a value of each of the plurality of constraints by defining a value of each of a group of constraints to thereby determine a value of each of the other group of constraints which are related to at least one constraint of the group of constraints. If no feasible single bit update is possible, feasible two-bit updates are considered.

1459826439-e0ac0174-60f7-4ae3-8bb6-5c586ae49072

A liquid crystal display device includes a liquid crystal display panel, an area light source device which illuminates the LCD panel, a driving unit which drives the LCD panel and the area light source device, and a control unit which controls the driving unit. Through the administration of an effective amount of at least one alpha adrenergic agonist at or near a target site, one can reduce, prevent or treat pain and/or inflammation from tendonitis, carpal tunnel syndrome, tarsal tunnel syndrome, osteoarthritis, bursitis and/or an oral-facial disease. The system then searches for the specified conditions. The flexible substrate can stack with the water/oxygen barrier layer and the touch-sensitive device layer, or stack with the multi-function layer.

1459826440-075ae0c7-5003-44e8-935a-65dd3d9453e8

A method for assembling an electrical circuit includes measuring actual values of components of a given type that are held in a stock, and storing the measured actual values in a computerized stock-record. The holder has a groove surrounding the LED module at a top surface of the holder, with a rim of the globe inserted in the groove. The element 301 includes: a first additional conductor 303 spaced from the first signal strip 102a; a second additional conductor 305 spaced from the second signal strip 102b; and a third additional conductor 307 connected to the first and second additional conductors 303, 305 at respective points. The castellated ends of the barrel and the portions of the interrupted groove between the slots form a criss-crossed pattern that prevents the wire from entering the slots or entering the barrel and tangling during payoff of the wire, even when the spool is heated. In particular, the present invention provides transgenic animals expressing a transdominant negative Rex gene product that inhibits retroviral replication.

1459826440-4b8024af-0854-49b4-b336-f818f5c176c0

Pairing is achieved between a host communications device and a peripheral communications device, in order to establish an ad hoc wireless or wired network. In some embodiments, the data is written in a writing mode selected in accordance with an extent to which the flash memory storage device or a flash die thereof is full of previously-stored data. or higher; an aromatic hydrocarbon content of 40 to 55 mass %; and a polar substance content of 10 to 15 mass %. The input stage provides an interim output that is available during a defined period, and the latch stage is operable to latch the temporary interim output during the defined period using a common clock. The connector defines upper and lower channels or slots and can rest on a lower panel and receive an upper panel, thereby enabling a second level of panels to be formed over the first level of panels. The memory cell has a gate electrode connected to a word line, a drain region connected to a bit line, and a grounded source region.

1459826440-b1350510-2403-46d6-81b8-ec1cf2c38b00

The present invention provides a method of detecting fraudulent clicks in an online environment to reduce fraudulent paid clicks for online advertisers. Hydraulic



fluid lines link each transmission's hydraulic fluid reservoir to the other transmission. The first elastic body has a first contact portion adapted to contact the mating side. A sheet shift portion shifts the sheet of paper to the shifted reference position based on the deviation detected by the deviation sensor. The electrical connector includes an actuator movably held within the housing. A fourth semiconductor region adjacent to the third region may have a first concentration of the second dopant type.

1459826441-46aaa27d-251c-4495-bd47-e7d2250cf5b4

The invention relates to insect attractants containing compounds with pentagonal heterocyclic structures that are effective in attracting fruitflies. The compound can be administered systemically, locally, or a combination thereof. An adjustable spring mounted to one of the truck tractor and body unit to act between the truck tractor frame and the body unit frame to adjust a loading between the truck tractor frame and body unit. The golf ball's moment of inertia is increased while utilizing only a small amount of the coating material as a result of the pattern of coating material, which locates the coating material at an outermost radial distance from the golf ball's center of rotation.

1459826441-fb1274a0-10e8-440a-90d8-7e6f531988ec

Embodiments of the invention generally include a method of forming a nonvolatile memory device that contains a resistive switching memory element that has an improved device switching performance and lifetime, due to the addition of a current limiting component disposed therein. The capacitor includes: a lower electrode; a dielectric layer formed on the lower electrode; and an upper electrode formed on the dielectric layer, wherein a portion of the dielectric layer contacting one of the lower electrode and the upper electrode is formed by alloying hafnium oxide and aluminum oxide together. A camera positioned above the substrate captures two images thereof, one using the first light source and one using the second. The pointer is updated in the third memory area to point to the added entry in the packet queue and the updated pointer in the third memory area is written to the queue descriptor in the second memory area in one write operation. The invention also relates to magnetohydrodynamic stirrers comprising a conduit or cavity having at least two electrodes disposed in such an orientation that, upon the application of a potential or current across the electrode pair within a magnetic field, secondary flows such as chaotic advection is generated. The device also includes at least one fluid passage being connectable to a fluid source.

1459826442-486a0482-6853-4cbe-a5a5-d80448904b65

A method of processing biometric data, includes receiving biometric data including a data set P, selecting a secure hash function h, and for each data set P to be collected, computing h, destroying the data set P, and storing h in a database, wherein data set P cannot be extracted from h. In a low-consumption state it waits to receive a command to acquire and condition sensor signals. Projections at one end of the hub are matingly received within notches in the opposite end of the hub of the next adjacent wheel so that the wheels are interlocked for rotation in unison. A method for manufacturing an integrated circuit chip and for identifying a known good die are also disclosed. The base palette has cutouts, to define feet and to provide for forklift arm access in at least two directions.

1459826443-39bd5ca6-a9b9-41f6-b1bc-22315afa03cc

A system for tracking and monitoring at least one item in an environment includes at least one transmitter assigned a unique identification number for the item and attached to the item and at least one receiver for receiving a first data packet which includes the unique identification number from the transmitter. A roofing shingle has a rectangular plate provided with first through fourth seam portions. The elongate member is constructed to be: a) operatively held in a user's hand that is configured to hold the elongate member in the same manner that an elongate writing instrument would be held by a user's hand during a writing action; and b)

moved while being operatively held to thereby cause the actuating base to be moved relative to the surface. The conduit includes a first end fitting that is attached to the enclosure and a second end fitting that is affixed at a port or other aperture of the external device. The invention claimed herein provides features, such as, but not limited to, electronic transfer of funds, authentication of parties, seamless integration with merchant's Web page, and reporting of suspicious activity.

1459826444-a838a243-2037-47d3-b305-fb439825e1da

According to the present invention, a system for reordering commands to achieve an optimal command sequence based on a target response restriction is disclosed. The compounds find utility as medicines for treating or preventing central nervous system disorders, for example schizophrenia, by exerting an antipsychotic effect without motor side effects. The machines also may be equipped with a control system that tests the operability of at least a portion of the detection system and/or the reaction system. To speed up the shift-in/shift-out operation during decompression, the decompressor can be further split into two or more pipelined decompressors each placed between two sets of intermediate scan chains. The second end portion of the flexible layer is deflected until the second end portion contacts the base member.

1459826444-f2ab2138-5b31-4757-8746-4663d5f4cf39

A novel apparatus for moving passengers between an airport terminal building and a doorway of an aircraft located rearward of a wing of the aircraft. The memory area includes a plurality of cells, and the ECC circuit is configured to determine whether uncorrectable error data exists or not by using a parity according to cell data of the memory area in a read mode and a parity according to an encoding result of corrected data of the cell data. In addition, the instant invention allows individual the ability to read electronic books, download and upload technical information, curriculum and personal data, programs and data in real time. The filter device can be used to ionize the ionizable interferents existed in the air, separate the ionized interferents from the other components of the air under the influence of the electric field, and discharge the interferent out of the filter device, thereby reducing the consumption of the consumables or even eliminating the need for consumables. By controllably varying these stresses within NFET and PFET devices formed on a substrate, improvements in IC performance are achieved.

1459826445-da069e1c-8fcc-450a-a35d-45aeb1478482

A method of treating chronic disorders associated with the presence of abnormal microflora or an abnormal distribution of microflora in the gastrointestinal tract involves removing the host's existing enteric microflora and substitution of feces from a disease screener donor or composition comprising microorganism selected from the group consisting of Bacteroides and E. The interposer includes flexible solder pad elements that are formed from a core material of the interposer, such that the interposer may absorb thermally induced stresses and conform to warped or uneven surfaces. The activation count is zeroed whenever a new frame is created in a stack and incremented for each frame encountered during periodic intervals. This space is advantageously completely filled using a vapor deposition process where a coating is deposited as a vapor which flows over all surfaces of the die stack, including into the spaces between the die in the stack.

1459826446-08379394-db3a-43b2-a02c-32b37991282a

Shaving apparatus having at least one cutting unit with an external cutting member and a movable internal cutting member. Furthermore, a questionnaire response section and a test response section collect skill information of a trainee in a question and answer format, via on-line. The movable handle is movable through an actuation stroke. In addition, the system sets a stores\_encountered indicator when a first store is placed in the store buffer during the transaction. The error magnitude is compared to an error threshold. configured to add the N multiplication products to generate an analog signal power estimation value which corresponds to a

degree of correlation between the sensor output signal and the selected predetermined digital sequence.

1459826446-4607da86-3641-4772-9094-3ae6abe273a0

A method is disclosed for operating a memory device, including providing a timing signal comprising a plurality of clock cycles, providing an activate signal, and providing a bank address signal. The hitch has two spaced apart sockets on a rigid frame that pivotally connects to the vehicle providing a rigid extension thereof. A session is maintained and a plurality of requests for service by a client and a server responds to those requests by providing the requested service or an error message. The retainer engages the catches for securing the coupling member and carrier section in a fixed position relative to one another.

1459826446-a25b3c99-d49e-4a4e-a418-3e336e3e2015

A description is given of a connecting device for tubes for medical use having a connection element comprising a main body designed to be attachable to the end of a first tube, and a shut-off element made of an elastically deformable material and at least partly housed inside the main body, to allow or prevent, as required, fluid communication through the main body. The system includes an active building model system generating one or more user-selected two-dimensional views of a three-dimensional building model. Axially extending first slide grooves along an inner circumference of the hole have an inside diameter almost equal to a diameter of the material. In addition, non-assigned CEs can be maintained in a third portion of the CEDL, by packing requests initially from opposite ends of the first and second portion, and be re-packing dropped traffic within the CEDL. The pallet defines a peripheral groove structure opening upwardly in the platform structure between each beam member and their respective outer edge of the pallet.

1459826446-bb63a75a-73a6-4a85-9747-c7a4b06f90eb

New aerogels are disclosed which comprise silica and at least one organic polymer having polar functional groups. The plastic apparatus contains sodium chloride User operates the plastic apparatus to release a dosage of salt-filtered air for inhalation when the apparatus is aimed into the user's mouth by way of corrugated plastic tubing and a plastic breathing regulator located next to a plastic mouthpiece. A second switch may be provided for coupling the receptacles to the power source via a low impedance path.

1459826447-14dfbd46-93ee-4532-82e3-972af3a923ce

An output stage compensation circuit and method for a low drop-out regulator configured to facilitate stable operation while providing output voltage and current to downstream circuit devices is provided. The oral skin improving agent contains as a principal component refined hyaluronic acid having a purity of at least 90%, preferably at least 95%, and an average molecular weight in a range of 750,000 to 1,200,000, preferably 800,000 to 1,000,000. A method of diagnosing a disease or condition, comprises contacting or administering a sample obtained from a subject suspected of being afflicted with the disease or condition with the cell, plant or animal, detecting any signal produced by the reporter in the presence of the sample and comparing the signal to controls for 0% and 100% signals.

1459826447-153943ae-b4fe-4a47-872a-64f6731d115c

An electronic commerce system includes one or more seller databases that store product data for one or more products. A typical process of applying a self-assembled monolayer is to ink a hydrolyzed n-octadecyltrimethoxysilane solution on to a stamp and then to transfer the solution onto ITO. Other embodiments are described and claimed herein.

1459826447-966f6d9a-998f-4fbb-b296-0aad092e81f4

An apparatus and method for generating 3D graphics objects utilizes algorithms to generate the objects when driven by audio events. Code division multiplexing or

orthogonal frequency division multiplexing may be selected for each traffic segment, which may correspond to specific time frequency resources. The contact electrically connects the capacitor element to the MOS transistor on a source thereof.

1459826447-f83b0b56-6b6a-4355-abdd-2bbb579fe364

A computer implemented method, apparatus, and computer usable program code for presenting terrain along a route on an aircraft display. The apparatus can be attached either into the jumpboard connection located near the footbar or into the shoulder rests depending on the reformer model. The prescription entry system transmits and receives information from the communications network and provides an input system for the doctor to electronically enter individual prescriptions for each patient. At least one weight in the sleeve causes the sleeve to rotate to a position with the row of slots at the bottom of the sleeve while the well pump is oriented horizontally. A connector is configured to connect an output of the board to a load. The walls and the bottom define an enclosure for containing products to be finished.

1459826448-b36fb4be-b47a-483a-8f45-453e21b6bb74

A semiconductor chip package is formed by a first semiconductor chip and a second semiconductor chip, which have electrodes for wiring at surfaces thereof, being integrated and mounted in a state in which reverse surfaces thereof oppose one another. The eScript is extracted from a Siebel repository and received in a DAVID (Development Application Verification Information on Demand for Siebel application where the VB. The sheet tray is easily adjustable for the length and width of the sheets delivered to it and for the depth of the stack of sheets. In some embodiments, the multiple types of dyes have steric configurations that are different relative to one another. The outer conductor portions are disposed on a side opposite to the inner conductor portions, the top pole layer being disposed in between.

1459826448-ec9412f6-7cc9-4ef3-a683-d8c178c1fba0

Various systems and methods are provided for minimizing an inrush current to a load after a voltage sag in a power voltage. The operation amplifier includes a positive input terminal, a negative input terminal and an output terminal. Each MPS accepts data from a respective plurality of local input flows. A fan opening is formed through the base plate.

1459826449-13e93fc3-97cb-4e96-85e6-39b61129e2b9

Disclosed is a disposable surgical stapling unit configured for use with an actuation device that has an elongated shaft assembly. The outer contact surfaces have an arrangement so that, in a first orientation, the component pad layout matches the landing pad layout and in a rotational reorientation of the entire electronic component about the component axis by an angle other than 360° $\times$ b0, the outer contact surfaces are translated to each other so that the component pad layout matches the landing pad layout. Hence, by controlling the commutation of the motor on the basis of a detection signal from the position detector, a commutation timing can be precisely detected even if the motor is in a low speed zone. An insulating layer is formed on the solder mask exposing at least a portion of the solder pillar.

1459826449-76306bf3-28c2-4d3a-b370-c97581c8cbfa

A Propagation Test instruction, a Decay Test instruction and a Cycle Test instruction provide testing of DC and AC interconnect circuits between circuits including JTAG boundary scan cells. The flower stems are about 50 cm in height. The controller has the ability to switch from controlling withdrawal pressure to controlling infusion pressure based upon the detection of an occlusion.

1459826449-89b89c2d-3433-4f8d-b298-8cf4f2e6cb4e

The present invention relates to a process for producing a flexible holding system for transporting piece goods, consisting of an outer envelope and intermediate elements which each consist of a flexible web material, which are connected to one another such that compartments are formed within the envelope. A significant number of layers underneath the amplitude defect are undamaged. A cover is hingedly connected to the housing. The extension member defines a receiving through hole and includes at least one second guiding portion corresponding to the at least one first guiding portion.

1459826449-f7410292-453c-4ec3-8a62-fabc726097f9

A light emitting device includes a nano-structure, a first semiconductor layer on the nano-structure, an active layer on the first semiconductor layer, and a second conductive semiconductor layer on the active layer. In the region adjacent the first layer and the second layer, there is provided a concentration gradient layer formed of a mixture containing a metal or metal alloy contained in the first layer and a metal or metal alloy contained in the second layer. The scheduler software module is executed by the DSP in response to the interrupt request signal indicating a change in highest priority runnable event.

1459826450-1f71d844-3f71-4d07-a97f-3e80f17de00b

For the offset compensation of a digital signal, particularly of a communication signal transmitted in a cordless digital communication system, a recursive digital filter is used. The automatic diver identification unit includes a buoyant main body portion having at least one interior chamber. The SMA line resists on the resisting surface. Upon recovery from a database failure, a recovery point may be determined that indicates a consistent state of the database. The final output signal is fed back via a multiplier circuit and the combined signal supplying circuit to the respective delay loop circuits to thereby simulate the acoustic feed back to the coil springs.

1459826450-f71f6494-0f04-4edf-a0df-07cddf69a71c

A gear train of an automatic transmission for vehicles has the advantages of improving power delivery performance and reducing fuel consumption as a consequence of realizing more than eight forward speeds by combining four planetary gear sets with three clutches and three brakes. The coaxial capacitor of the present invention in a preferred embodiment thereof is configured to modulate capacitive electrode area rather than inter-electrode spacing and as a result a highly linear transfer function can be achieved. The shaft first end is adapted to be combined with and rotated by a drilling machine. The compressed feature data is stored onto at least one of the second portions.

1459826451-3ab00eb3-c48e-42b5-833e-d178f22b633e

A mechanism is provided for avoiding cross-interrogates for a streaming data optimized level one cache. The method also includes the step of subsequently swaging the first ring portion by moving the first ring portion in a direction toward a second end of the swaging tool, such that a portion of the first ring portion is positioned within the annular space to fix the first member to the second member. The wustite layer is bonded to a base metal substrate of the processed sheet metal.

1459826451-aff4bcf3-23b0-40f7-8ce1-860f7085bf8c

An apparatus is disclosed providing a portable, multi-purpose golf apparatus. Bi-ventricular stimulation is constantly provided with and without sensing to encourage normal pumping of the heart on a consistent basis. A reel-to-reel mechanism is provided comprising one or more reels associated with the carrier, such that the part can be spooled and unspooled upon the one or more of the reels prior and subsequent to a performance of a manufacturing operation upon the part for the purpose of creating an electronic circuit. A synchronized system and method for the coordinated reading and writing of data to and from the shared main memory

by the processing units also are provided.

1459826451-cae5c2af-f036-4dcd-9405-5af7bb0e5709

An inductively coupled plasma source is provided with a peripheral ionization source for producing a high-density plasma in a vacuum chamber for semiconductor wafer coating or etching. The first heating element generates heat to increase the temperature of the semiconductor chip. The inductor is compatible with integrated circuit manufacturing techniques and eliminates the need in many systems and circuits for large off chip inductors. In that respect the invention is based on the realization that, in the case of a rotor blade which does not go to a point at the tip, the effective rotor blade area is maintained unreduced precisely in the outer region in which the effect is greatest. A method of delivering a medicament to a patient including imaging a gastro intestinal tract with an autonomous device, identifying a target location in such tract, and releasing a medicament from the device at the target location. The disclosed implementations are robust to signal degradation through incorporation of a noise model into the classifier construction phase.

1459826451-dfb5153a-1aa5-42b6-bb6e-bac5551d3051

A load includes a device for inductively powering it, the device including an insertion part, following the insertion of which into the load the powering of the latter is provided. Secure items are authenticated by shape level lines. The method further includes inserting the lead lines in the restraining portions, aligning the distal portions of the lead lines with the corresponding connecting portions using the positioning jigs, inserting the lead lines into the corresponding connecting portions, and electrically connecting the lead lines inserted in the connecting portions to the corresponding connecting portions. When the spool is in a specific location, two outlet ports are in fluid communication with each other.

1459826452-2af3a6dc-545a-42df-b1b4-7beb233d57bd

A phased array antenna includes a plurality of subarray lattices connected together in a linear configuration and forming a substantially rectangular aperture. The method also includes monitoring kernel level events of an operating system executing on the virtual machine and monitoring application level events of the operating system. Further, this can make the release draft correction operations easier than that in the prior art.

1459826452-3278962e-7a5f-42cd-a650-226181b2ef15

Methods, systems, and devices are described to fabricate precursor intermediaries and carbon fiber or graphene materials. In one exemplary design, an apparatus includes first and second delay circuits. If a suitable base station can be found, handoff is made and the annunciation information is acquired. A second housing holds the condoms or wet wipes and has an opening that corresponds to an opening on the first housing whenever the second housing is received within the first housing. The GMAW welder or MIG brazing device then follows the laser and deposits a material that fills the channel to weld the two pieces together.

1459826452-3b1227f9-5450-491d-a97e-abf07420c377

A safety handrail apparatus including a support component with channel element and a light emission component. The connector is configured to connect to a coaxial cable of a communication system, the communication system including a connection to a network employing internet protocol communications. The key aspect of the present invention is by adjusting system clock to change the data generated rate corresponding to the transmission rate of the transit interface.

1459826452-6453ce33-39f3-4dcc-afea-62b14b318cf9

The subject disclosure is directed towards detecting software vulnerabilities in an isolated computing environment. The container comprises a generally elongated channel having a first end and a second end positioned below the first end. The

plurality of layer portions include a first-type layer portion and a second-type layer portion. Two of the clock signals in the sequence are applied to a phase detector so that the signals at the outputs of the delay line have predetermined phases relative to each other. The reference voltage generating circuit controls the reference voltage such that the reference voltage assumes a midpoint of trails of a signal value distribution indicative of \u201c0\u201d data and a signal value distribution indicative of \u201c1\u201d data. Alternatively, the plurality of light sources, the one-dimensional linear batwing lens, and the housing may be formed, along with a power supply, as a standalone retrofit fixture for use in enclosed storage structures, such as refrigeration cases, where the retrofit fixture replaces a conventional fluorescent fixture.

1459826453-96b47ecc-44cb-47b9-96a4-498595ca12ec

Bidirectional wavelength cross connects include a plurality of ports, each configured to receive an input optical signals, each input optical signal having a plurality of spectral bands. In particular, in an Multiprotocol Label Switching environment, a method of hierarchical bandwidth management in a multiservice network supporting various quality of service levels and a number of applications is disclosed. Further, the computing system causes a device to display a graphical user interface through which a user can define panels that will be associated with various received data objects, so as to define a record, by time or subject matter, of relevant data objects. The replicas may be de-correlated through techniques such as selectively delaying some of the replicas.

1459826453-96e8dbb6-9fea-4378-b1ab-c5985de0f31c

A semiconductor memory device and a write control circuit which may detect write failures and a write control method for the same are provided. The method includes applying a composition to a polymeric component of a medical device which has little or no conductivity. The body has a face portion, a crown portion, a sole portion and an aft-mass portion. The video capture buffer stores the image data block.

1459826453-c7631d07-2a19-4ef4-b0ff-21f7e8c9a0b5

Zonal isolation apparatus includes at least one packer assembly and can be used in completing an open-hole portion of a wellbore, which open-hole portion extends through at least two subsurface intervals. The pad includes an adhesive layer on the first surface, or a hook and eye fastener for removably attaching the pad to the compression plate. The resulting flavorless malt base can be used to formulate flavored malt beverages. A recordingreproducing apparatus to record extended part version information on a reserved zone of a physical format information zone of a recording medium.

1459826453-cc6f0aa6-6a0b-42d0-b203-ffb185ebce3b

A downhole waterflood regulator installs in a side pocket mandrel to regulate fluid flow in a waterflood completion. The driving portion provides a driving signal to the external FET. The conductive outer shell includes sidewalls depending from the sides of a face having a plurality of tip seats for receiving a plurality of pipette tips.

1459826454-0f930da3-9c34-4f21-add7-4838e972f986

A schema is provided that defines people, groups and organizations by their corresponding contact information and other related characteristics. The first MIS transistor includes a first gate insulating film, and a first gate electrode including a first metal film and a first silicon film. A separating film member is provided to prevent the chemical solutions flowing in the mixing flow path from coming into contact with a pressing means, which is for pressing a seal ring member of the mechanical seal against a rotation ring member. The aerial delivery system is capable of attachment at the wing box, pressurized delivery from the nozzles, and nozzles directed straight downward. Embodiments of the system can integrate

with electronics rack passive rear door liquid heat exchangers.

1459826454-847d01fa-1473-400c-b531-b0d5bdeefb6b

A master cylinder for electro-hydraulic braking systems having a body of longitudinal axis pierced with a bore to receive a piston mounted to slide therein in a sealed fashion while axially dividing the bore into a supply chamber sealedly connected to a brake fluid reservoir and a working chamber. The method of forming a hybrid tubular filter includes wrapping a first layer of fiber, wrapping a filtering material and then wrapping a second layer of fiber. The optical waveguide core is a substantially non-electrooptic material.

1459826455-644d24df-9f30-4584-84f7-330dc1c86211

A system to interworking a call between a plurality of networks having different formats. The generation assembly has a compressor and filtration components to generate breathing air. The apparatus allows a dentist to illuminate the interior of the oral cavity without needing additional equipment that hinders access to the oral cavity. In certain embodiments, the scooter includes a brake element pivotally coupled the elongated deck and spring biased away from a rear wheel of the scooter. The solid support can be porous, and can be functionalized with a nucleoside or with a universal synthesis of polynucleotides. A plurality of wafers are consecutively inserted between the two tissue surfaces to create a column of wafers.

1459826455-bcfbab3c-6483-4c8f-9359-ed2ecdf348a9

A shoe for driving a car according to one aspect of the present invention comprises a heel part 5 on a foot sole 4 and an inclined face 5B increasing gradually toward a rear side in a side view. The catalyst system comprises an activator and a bimetallic complex that incorporates two Group 3 to 10 transition metal atoms, which may be the same or different, and a neutral or anionic indigoid ligand. The replacement material has a different coefficient of thermal expansion than a parent material of the second portion of the case. The processing means processes the image data read by the original document reading means and forms an image thereof based upon the control data extracted by the control data extraction means.

1459826455-cdf44403-7af1-425a-b7b0-a5c5e4d596c7

Structures and methods for programmable array type logic and/or memory devices with asymmetrical low tunnel barrier intergate insulators are provided. The cover is made sterile and disposable for allowing multiple use of the protected optical device. When generating an arbitrary gradient magnetic field, a compensation magnetic field which compensates for an eddy current magnetic field according to application of an arbitrary gradient magnetic field on the basis of the measured eddy current magnetic field in each direction is generated together with the arbitrary gradient magnetic field.

1459826456-3f8c7fd3-4d6e-44d1-b22e-85ae106947c6

Heterocyclyl-substituted thiazoles of the formula , in which the symbols have the meanings given in the description, and also to the agrochemically active salts thereof, and their use for controlling phytopathogenic harmful fungi, and also processes for preparing compounds of the formula. The present invention further relates to an object for incorporating such a hanging device. The angle of the antenna array is automatically held at a proper value owing to swinging movement of the antenna angle holding means.

1459826456-44f91a0d-4a23-47b0-8362-7cf6bc487abe

Apparatus, systems, and methods are provided for measuring and analyzing movements of a body and for communicating information related to such body movements over a network. Because of the positive temperature coefficient element, no temperature control loop is necessary for controlling the temperature level. The prism preferably has a cross-section defining a parallelogram, so that the optical signal



is reflected twice within the prism to minimize cross-sectional distortion and avoid spectral effects. The normalized content is sent to the requesting mobile device. The device may take the form of a webcam having auto tracking functions and retractable prongs that plug directly into a wall outlet. A simple operability is achieved because the operating device has a server which is assigned to the cooling device control, and has a network connection as well as at least one personal computer, which is connected via the network connection and via a universally accessible network and has an assigned web browser, by which the data retrieved from the server can be visually displayed.

1459826456-bcc7b2d0-b6b0-46af-855a-18f284c04d62

A medical electrical lead includes a first low voltage electrode adapted for intimate contact with tissue at an implant site, in order to provide pacing stimulation, and a second low voltage electrode positioned in proximity to the first electrode, isolated from the first electrode and adapted to function in conjunction with the first electrode to provide bipolar sensing of near-field signals. Following a refueling request, a fuel system may be sealed from the atmosphere while one or more fuel system valves are adjusted to divert fuel tank pressure or vacuum to an engine intake. The composition is applied and dried on a planar, hydrophilic substrate to form an image forming element, in particular, a planographic printing plate. A communication device operatively associated with the processor communicates the fault signal and an alarm.

1459826456-f44b09e6-81f7-4ae9-ac03-5852a95bf6a3

A displaying ornament with rotatable color disc includes a base and a color disc circumferentially rotatably mounted on the base. On the top surface of a multilayer substrate, substrate-side drive electrodes and substrate-side detection electrodes are provided and a ground electrode is disposed between the drive electrodes and the detection electrodes. The implant has a wedge-shaped profile to restore disc height and the natural curvature of the spine. An axially extending second end of the outer combustor liner defines a combustion chamber output opening. The unused display device is powered off. The imager is configured to obtain image data of the projected phase shifted patterns.

1459826457-65da6713-9038-41ac-ae5c-9ce29f1eaf79

A power over Ethernet powered device with power fallback states. , in 20 weight times water dilution, is 2 to 4. The wireline cable includes one or more conducting members for communication between the wireline tool and the surface. Uploaded and downloaded set screw embodiments are disclosed. The skin characteristics are filtered out from the plurality of detected signals. This 3 by 3 layer of trays comprises a so-called \u201cnine-down\u201d configuration.

1459826457-b6a9f893-3b35-4cdb-a705-03113b44721f

The present invention discloses systems and methods for the performance enhancement of rotary wing aircraft through reduced torque, noise and vibration. The first protrusion has a hole defined in an inside thereof and a clamping member is eccentrically received in the first protrusion so that a friction portion of the clamping member is movably extended through the hole and protrudes into the receiving space. In one aspect, a separate encoding bus is used to provide the encoded common values in various processing of additional received operations in the microprocessor instead of a full-bit bus of the microprocessor, the encoding bus having less bits than the full-bit bus. The encoder and decoder microchips are provided with means for changing, e. Order is maintained by allowing a participant to make a request to speak, and by granting said requests in turn. According to this, a fabrication cost is lowered, a capacity variation width is greatly increased, and an operation is facilitated.

1459826457-e0c6474b-c0f6-434a-a5ba-877820adf9c7

A system and method for retrieving certificates and/or verifying the revocation

status of certificates. In one embodiment, an apparatus for retaining a web of polishing material includes a platen that has a first clamp and a second clamp disposed on opposite sides of the platen. The invention is applicable, in particular, to human or veterinary pharmaceuticals, to dietetics or to food products.

1459826457-e9b12351-f24c-4e84-913d-78fb7b2d8f34

A piezoelectric ceramic that includes barium titanate and 0. The first one is restricted from being reselected during a subsequent half-cycle of the clock until the first one is reset. The external interface, embedded in the vehicle, is capable of receiving a first set of teletype signals from a portable TTY terminal and capable of sending a second set of teletype signal to the portable TTY terminal. A detector is disposed inside the interior passage between the magnetic source and the output end of the housing and the detector is configured to respond to the electric current induced and generate a signal representative of the amount of oil in the flow of fluid.

1459826458-4cd432d7-e812-445f-8832-ba0fec273438

Provided is a display system for transmitting FM signals to an external audio system having an FM reception function. That is, the angle between the direction of the back and forth work off movement and the direction of the forward movement at the lowest work off zone is less than in the centre of the inclined work off path. A protection circuit is electrically connected to the gate and data lines, and disposed in an outer peripheral portion of a display region in which the switching elements and the display electrodes are formed on the one side of the substrate. The second telecommunications line may be electrically connected to a port of a telephone jack. Then, ink is sucked for each of the three nozzle caps by a suction pump.

1459826458-6ea7a25e-e185-46c2-a064-c420e0cfc8f7

Techniques are disclosed that provide for femto base stations to become synchronized with other base stations in a wireless network. Each planar heater zone uses at least one diode as a heater element. Cellular antennas and/or base stations may be reassigned to switches based on use data. The peer node then determines if the extracted checksum is associated with a malicious data object by comparing the extracted checksum with checksums of known malicious data objects stored in a local malware database. The result is that damaged or inoperable signal processing components can be repaired in space without having to physically attend to the hardware by transmitting to the spacecraft commands which reconfigure the particular FPGAs thus to alter their signal processing function.

1459826459-273871c0-4dde-4f7a-bd34-5c19894a7261

The process of identifying and associating information with objects in a hyperlinked video sequence is automated by creating an accessible list of object information, including semantic representations, which updates with the identification of new objects. The method comprises interrogating metadata associated with the data repository to establish a latest two consecutive synchronization times at which no updates were processed. A random code is produced and compared with a user code. Each actuator is coupled to the housing and adapted to apply onto the housing a rotational moment about a torque axis that is at least approximately parallel to the housing axis.

1459826459-3fb477d9-65f1-4fc9-9b3a-01e3c883fe83

The invention concerns a method and apparatus for monitoring the polar compound content of a liquid bath disposed within a cooking vat to insure the liquid bath remains suitable for human consumption while in use. This invention incorporates hydrogen peroxide and/or peroxy-carboxylic acids or their constituents to inhibit corrosion by inducing passivation of the metal. The SSI circuitry includes local monitoring circuitry coupled to a central processing unit of the computer. The

sensitive data are then moved to the runtime memory space and the copy on the storage device is deleted or made unusable by users. The processor device is configured to receive reports of operating system identities for a single host; determine which of the operating system identities are an intersection of the reported operating system identities; and assign the intersection of the reported operating system identities as a resolved operating system identity.

1459826459-5d1f5b2c-9a98-4e70-8637-15740ea97bc0

An integrated circuit has a circuit part and a trimmable resistor, the resistance whereof may be modified by Joule effect. Also disclosed is a novel apparatus for measuring the volume of liquid displaced by the insertion of an object into a liquid filled cup which is on a cup holder basin, the liquid filled cup and cup holder basin being inside a rectangular support assembly, the measurement obtained by determining the buoyant force produced as a result of the displacement of the liquid by the animal paw. The first contacts are arranged and retained in a pitch direction by the first housing. The first housing is covered at least in part with the first shell. The first shell includes a spring portion and a contact portion. The illuminator further includes a secondary diffuser that is located a predetermined distance from the front portion of the light guide forming an air gap there between. and a pressure of from 50 to 250 mbar, and the second distillation step being carried out at a temperature of from 80 to 200 C. A device adjusts the space between the working cylinder and the anvil cylinder, independent of the device to exert the defined prestress.

1459826460-d24e1e32-4b3e-4229-8fe3-2a8127334b0d

Processes for inspecting a surface during device fabrication include contacting the surface with a tactile sensor. By bringing the packing into contact with the surface of a filter covering a supply hole and by pressing the head unit, the sealant makes intimate contact with the head unit while the end of the packing is kept in intimate contact with the filter, thereby sealing the supply hole. A controller generates a reference signal sequence corresponding to a bandwidth of the allocated resource blocks, and maps the reference signal sequence to subcarriers according to an allocation of the resource blocks. Computer-readable media embodiments and system embodiments associated with the present methods are also provided.

1459826461-a7eedaa1-bb40-4cd1-b493-4781a4d5a2c6

A gradient coil system for a magnetic resonance apparatus has at least one component of a cooling apparatus, and a latent heat storage apparatus which undergoes a phase transition during operation of the gradient coil system. Moreover, the unit activates, as a second state, the motors in a power running state, thereby generating motor driving torques, and causes the mechanisms to generate friction braking forces. Five friction clutches and brakes plus one one-way clutch control operation of the primary unit, and operation of the auxiliary unit is controlled by a clutch and a brake plus one one-way clutch. Further the present invention provides methods for treating diseases associated with colon.

1459826461-b1549eb0-fe92-4939-a807-98270139cbd1

A system, method and computer program product for approval and allocation of costs in electronic procurement is described, wherein approval and allocation of costs are made in response to an electronic invoice, which includes information used to allocate procurement costs to one or more cost centers. An electroless plating apparatus, including an electroless plating vessel and recirculation systems, is presented. The single-piece bearing shell includes a radial slot based on a wall thickness of the bearing shell and has at least one contoured bulge.

1459826461-dce0c413-0084-4c28-b188-d2daa7f2980b

In the present invention, a plurality of carriers in a multi-carrier DMT communication system is grouped into one or multiple carrier groups according to at

least one carrier group parameter. The first stage trapping media has less surface density than the second stage trapping media, so that the first stage trapping media collect more than half, preferably 90-95% of the  $AlCl_3$  vapor with the media at ambient temperature, and so that the second stage trapping media remove the remaining  $AlCl_3$  vapor with the media at ambient temperature. A catch is coupled to the closure member that extends toward the jar when the closure member is fastened to the jar. Other devices can include dies all of the same type, or two or more dies of a first type and two or more dies of a second type different from the first type. A first electrode is assigned to the pixel area, wherein the first electrode is provided over the first substrate. The first mating port includes first and second mating tongues providing corresponding first and second mating faces opposite to each other.

1459826461-e80cd678-76cb-4cb1-ac7c-7a9aabbf2a53

A neck ring for molding a glass container neck finish that includes at least one closure attachment feature. An inversion detecting unit detects an inversion of a changing direction of the atmospheric pressure periodically measured by the measuring unit, and a communication control unit controls a timing to acquire the altitude information through the wireless communication unit at a set timing, based on the inversion detected by the inversion detecting unit. Policy-based management is distributed across the system and is handled locally by management agents allowing control of a sub-network. The rod extends through and is slideably disposed within a channel in the control bracket. The present invention relates to the composition for cosmetics which can be appropriately used in producing a cosmetic giving a highly excellent feel in using and having a very good texture, a cosmetic showing a very high stability over time as an emulsion, and a two-separate-layer-type cosmetic. The telecommunication terminal device is capable of exchanging telecommunication signals regardless of serial or parallel connection to additional external terminal devices.

1459826462-3c1146c5-1cf0-46bb-be53-9333d999b26b

Embodiments of the present invention relate to configurable inputs and/or outputs for memory and memory stacking applications. The method may include forming top wiring patterns in a substrate, depositing a primary undoped silicate glass layer on the top wiring patterns to fill a gap between the top wiring patterns, and coating a SOG layer on the substrate on which the primary USG layer has been deposited. A method of manufacturing the package of the present invention is featured by mounting the silicon wafer on the insulating substrate. In case the calculated magnification is decided as being not in excess of the predetermined limit value, a stitch data modifying device 6 is operated to enlarge and reduce the stitch data of the pattern on the basis of the calculated magnification rate so that the pattern may be stitched in accordance with the so processed stitch data.

1459826462-6bffa9763-7cd0-4e96-83c9-345d259321fe

Electrical networks are formed to produce an approximation of at least one desired performance characteristic, based on the recognition that fabrication variations introduce slight differences in electronic sub-networks which were intended to be identical. Also provided is a wafer having such a configuration and a process for providing such a configuration. The user setup data recording device sends setup data of the objective device, which is set in advance by the user, to the objective device on the basis of the received user information and device ID.

1459826462-e242cffa-e56e-4729-aba1-86928812e537

A non-annular, hollow chain link is provided with a gap and is capable of being intertwined to form a jewelry rope chain. The hot press includes a frame that has a press unit attached thereto. A die subjected to the surface treatment method exhibits improved surface smoothness and glossiness, as well as high corrosion resistance. The entire process may execute from the pre-boot image on the computer's local persistent storage medium without ever booting the primary

operating system. The compounds of Formula I are useful as diuretics and natriuretics and therefore are useful for the therapy and prophylaxis of disorders resulting from excessive salt and water retention, including cardiovascular diseases such as hypertension and chronic and acute heart failure.

1459826463-2e1ce401-5fdf-4018-9125-3de999df391c

Antisense oligonucleotides that inhibit expression of human replication-initiation protein as well as methods of preventing or treating hyperproliferative conditions using said oligonucleotides are disclosed. The plurality of liquid-impermeable layers have a coextensive area A1. Thus, the structure includes three basic components: a power inductor that spirals around the transistor array, the transistor array itself, and the transistor array metallization that is used to form a distributed inductance situated over the transistor array. The control word is then passed to the attenuator to adjust the gain.

1459826463-653f39b6-12a7-4229-8b95-643e309e3f84

Systems and methods described herein are directed to solutions for NoC interconnects that provide end-to-end uniform- and weighted-fair allocation of resource bandwidths among various contenders. The method is ideally suited for video-based machines or Internet-based applications. The use of the universal header of the present invention works to significantly reduce the number of different models of implantable medical devices that a manufacturer must have available. The accumulator includes an outlet opening laterally offset from the station. The expiratory cassette also has a locking mechanism for locking and unlocking interaction with a receiving section in the ventilator. The canopy can comprise a first panel and a second panel.

1459826464-052355e2-3a2a-4f7e-8541-18187f1de471

A unidirectional and bidirectional optical fiber couplers using polymer optical fibers having mirrors formed within the polymer optical fibers for reflecting optical signals. The housing provides environmental protection and is adapted to be mounted to a customer's house. The technique can maximize the resolution obtainable from axial ejection over a wide mass range. A slot, semi-circumscribing the pad and extending on both sides of the trace toward the distal end of the trace, is cut through the substrate to allow the proximal end of the trace to be displaced in a cantilevered manner below the lower side of the substrate when a force is applied to the pad. A control device controls both the traversing movement and the changing movement. In addition, by having a cross section of the downstream-side end surface of the cylinder 53 shaped in a semicircle and providing a back surface wall 2d having a curvature being equivalent to a curvature of the semicircular curved surface, compressed air flow making 180 degrees turn can be made uniform and free from disturbance.

1459826464-429d3cf1-c00e-431f-ae8c-04d0771180ab

A high-strength and high-toughness ferritic steel having a tensile strength of not less than 1,000 MPA and a Charpy impact value of not less than 1 MJm<sup>2</sup> is provided. The shelves may also include other details such as a raised front lip. 1\u201310 and heated under a reflux, thereby obtaining a metal hydroxide gel. The GUI is web-based and is viewable by a user using a web browser. An image processing apparatus and method are provided which can process image data of an arbitrary size at high speed independently from the capacity of a buffer memory, and a computer readable storage medium is provided which stores a program realizing such a method.

1459826464-7e29d06a-990a-4b61-9f0e-4eef2114fa9a

An object counter performs a method for counting objects that includes capturing images representing moving images of a predetermined counting view, detecting a motion region in the moving images of the predetermined counting view, calculating a motion region speed value indicating a speed of movement of the motion region. The blade includes a blade edge adapted to engage a material, and the blade is

coupled to a blade shuttle. The sputtering material does not cover at least one end portion of the backing tube. To send information to the base station, the terminal transmits a series of QPSK symbols that make up an OFDM-code. In one possible implementation, the set of predicted readers are generated by applying a function to the current set of readers and one or more additional sets of readers. A defective line information store circuit stores information showing the defective line.

1459826465-38fcae48-5b87-45cf-9a3b-9b3b4b775976

Compounds of formula I:are antagonists of the human 5-HT<sub>2A</sub> receptor, and hence useful in treatment or prevention of a variety of neurological conditions. The core member includes a core main unit having said insertion port and the insertion room and a plurality of ribs provided upright from an outer face of the core main unit to cross one another, and sealed rooms are formed through the outer face of the core main unit. A circular guide pin head cap covers the outer end of the head ring, and includes a support collar that is closely received in the counterbore of the ring, and engages the retainer ring to securely hold the same in place. The folded ribbon is subjected to sufficient heat and pressure to set the at least one folded portion. A method for assembling the mirror mounting apparatus is also provided. Furthermore, some embodiments provide that the lists being sent are encrypted and/or embedded in otherwise inconspicuous files.

1459826465-43a5eab8-0310-4b6b-aff8-8e4c68a2bb4b

Compounds having activity as inhibitors of IKK are disclosed, particularly IKK-2. The central compartment is designed in a generally parallelepiped shape, and has a leading surface which leads the side bags through an airstream when said trailer is traveling forward. In order to simplify the production and configuration of the bracket without comprising its stability, the bracket is comprised of a tubular hollow profile and a lid, which is fixed on the end opposite the sill of the hollow profile covering said end and which has the opening for the receiving element.

1459826465-9670984e-14f7-4758-b6ee-f7a9761a9212

A spectrum coding apparatus capable of performing coding at a low bit rate and with high quality is disclosed. The pattern comprises a circuit design that is fractured into a plurality of arbitrary polygons. A test signal is injected into the null signal feedback control loop. The gripping teeth of the rigid ring are oriented so as to be out of contact with and initially angled away from the outer surface of the male plastic pipe.

1459826466-60a376bd-3105-43ab-a3fd-6629ab314252

Constant speed drive of a reticle and a wafer in a relative scanning direction and positioning of the reticle and the wafer are simultaneously performed with high precision by a slit scanning exposure scheme. The cover is removable, and a test cover can be put into position for mounting in place and providing outlets connectable to pressure sensor for determining pressure drop across the nozzle plates at each impactor stage. The envelope may be formed of a flexible material to enable it to be collapsed or folded for storage and/or transportation. Each plate contacts with the magnet to form a magnetically conductive system.

1459826466-63077c82-e9d1-4d6c-a9aa-5131c735e54f

There is provided a novel series of synthetic analogs of hGH-RH<sub>NH2</sub> and hGH-RH<sub>NH2</sub>. An integrated receiver decoder determines whether or not ATRAC data requiring authentication is contained in selected piece-of-music data in accordance with determination data added into transmitted data. 2 position locating withdrawn from said No. No or few additional hardware components are required to be added to a disk drive in connection with implementing embodiments of the present invention. A rotatable member is secured to one end of the second cylinder and is spaced from the first cylinder so that the member can rotate the second cylinder about its axis without rotating the first cylinder.

1459826467-1eddd6743-372f-4a62-bae7-496899a49980

Substituted monocyclopentadienyl, monoindenyl, monofluorenyl and heterocyclopentadienyl complexes of chromium, molybdenum or tungsten in which at least one of the substituents on the cyclopentadienyl ring carries a donor function which is bonded rigidly, not exclusively via sp<sup>3</sup>-hybridized carbon or silicon atoms, and a process for the polymerization of olefins. Four-terminal three-layer BTRANS provide substantially identical operation in either direction with forward voltages of less than a diode drop. Furthermore, the main discharge gap and a line part gap between adjacent line parts are provided such that a discharge current waveform of the display electrodes has a single peak when the gas discharge panel is driven.

1459826467-6e53e677-b3d5-40f7-9dd1-050d4cae8ff0

A new and distinct cultivar of Weigela plant named 'Carlton', characterized by its uniform plant habit; freely branching habit; developing leaves that are yellow green in color and fully expanded leaves that become yellow green in color during the mid-summer through autumn; dark red purple-colored flowers; and good garden performance. The system and method comprise a manager that controls access to a bridge for a client where the bridge communicates with the manager to provide the client Internet access. To the best of my knowledge, there are no other patents comparable to the Easy Auger Adapter. When the coating composition is applied to the porous substrate, waterfast prints are produced which are resistant to smudging or bleeding when subjected to moisture.

1459826467-afd57c1e-fa24-4497-b8d7-0f76fb0bd6c6

A method of forming a MIM capacitor is disclosed whereby adverse affects associated with copper diffusion are mitigated even as the capacitor is scaled down. The can end is preferably shaped during the forming operations so that a major portion of the end panel is curved. A circuit is configured to logically AND the outputs to generate a hit output.

1459826467-b2f1913e-5b34-4ddc-add3-cadb8a893203

A surgical retractor configured for use in surgical procedures to repair patient wrist distal radius bone fractures. The test structures are fabricated in the same fashion as the MR elements, however, the active sensor region or track width is omitted from the test structures. The on-board computer disables ignition function through supplanted firmware that recognizes the status of the signal received from the radio receiver. The method includes digitally representing, on a display device, the facility and/or the physical locate mark to generate an electronic visual representation of the operation.

1459826468-07cca544-02dc-4e6b-b6bf-8d6a0950bf3c

A mobile station transmitting and receiving method and a corresponding mobile station transmitter and receiver of a smart antenna system for forming uplink eigenbeams of the OFDM-TDD, wherein OFDM symbols are received from a base station through a downlink via multiple antennas and an FFT is performed on the received OFDM symbols by the FFT units. A conveyor oven is used to bake flattened and pre-shaped naan bread loaves. The data is moved on as an image of the logical volume, on a cylinder by cylinder, track by track, and bit by bit basis. If the plurality of requests to access the requested data have occurred during the predetermined number of most recent data accesses, the method may also include storing the requested data in the memory. In connection with the proposed network architecture, methods for handling service scripts within the network with regard to creation and storage of service scripts, provisioning the service scripts for a user, distribution of the scripts in the network and execution of the scripts during call processing are also described.

1459826468-3014b104-7f2d-4aa4-902f-ecf9d5559e3b

A system, method and computer program product are provided for scanning files. A gate electrode 1G is formed over the channel layer 13 via an insulating film 15 and a source electrode 1S and a drain electrode 1D serving as ohmic electrodes are formed over the channel layer 13. An optical fiber joins the sensor to a transmission cable and is fixedly positioned within the tube. A first control device is connected to the source of the fluid pressure for initiating the supply of such predetermined pressure to the operating mechanism. The nucleic acid selector is then contacted with the nucleic acid sample, such that a portion of the nucleic acid sample remains associated with the nucleic acid selector.

1459826468-705a525f-952f-4e38-a02d-893810917b37

Liquid coating compositions are provided that comprise siloxane containing polymer, volatile polydimethylsiloxane, and aliphatic hydrocarbon. A wireless communication is received from the wireless device at a host system. The calibration pattern is received from the communication link using the receiver on the second component.

1459826468-df45192c-7112-4e04-854e-d5c55c4c7dc5

The present invention provides cell culture media and methods useful for determining levels of intracellular function of glutathione or cysteine and for providing biochemical analysis of antioxidant function in human lymphocytes. The signal is received and analyzed by a remote control receiver and transmitted via a wired transmission path to a remote control re-transmitter. During formation of the printing elements filler material is applied to the feed channel. Furthermore, similar methods and apparatus' are herein described for dynamic reconfiguration of an accelerator device in a processor socket.

1459826469-2650fdeb-15b4-43af-8eb7-43f98e91d029

A wireless communication system according to the present invention is a wireless communication system including a mobile station and a base station that wirelessly communicates with the mobile station. A pressure differential across the porous member may be maintained at below the bubble point of the porous member so that a single-phase liquid flow is obtained. The data collection device is communicatively coupled with a velocity measurement system and configured to output the collected data to the velocity measurement system. After the polymer and the binder have been removed, the part now comprises a powder skeleton that contains the internal undercut feature within itself.

1459826469-79840cae-4949-48d5-8213-809d1143fca1

An image forming device having a developing unit for visualizing an electrostatic latent image formed on an image carrying body by utilizing a developing agent containing toners and carriers which transfers a toner image to a recording medium to obtain a record image. The method includes prompting a user of a mobile device to make a particular action that is detectable by the mobile device, and prompting the user to select a particular operation that the user desires to have effectuated when the particular action is subsequently carried out. or higher and returning at least a portion of the oligomerization solution to the reactor.

1459826469-a21c7268-efcd-40ba-ab64-84f35252a48b

Provided is a reusable food storage container, comprising a vessel that can store a food and/or beverage and a removable cap that closes the vessel. The method begins by forming a prepared substrate material consisting of a metallic inner substrate and a bound layer of a noble metal intermediate. Code is downloaded to the host computer, and is configured to create a virus scan module on the host computer upon such a request. The alignment can take place by electrical, magnetic, or optical acting means.

1459826469-dc70d8c3-a08d-4b66-9794-a3b3f5328dc9

The invention relates to machine dishwashing agents containing specific polycarbonate-, polyurethane-, and/or polyurea-polyorganosiloxane compounds or



precursor compounds thereof of the reactive cyclic carbonate and urea type which help to avoid the formation of water spots and filming after the use of the agents and accelerate the drying of dishes. A locking mechanism prevents outward movement of the movable sub-assembly in the storage position relative to the sleeve. Additionally, the display rack can be provided with front and/or rear removable panel carriers configured to removably receive front and rear panels.

1459826469-fa6bc02c-8f61-449d-ac6a-89b91b55ae5a

A coated string for a stringed device which includes a coating applied to the surface of the string. The method includes detecting objects in a predetermined vicinity around the ego-vehicle, and determining the relative velocity or other measure between each detected object and the ego-vehicle. Tension on the endless track 76, 198 is maintained with two tensioning members 170, 244 operatively connected to the forwardmost roller 82, 202. Next, the plurality of first chips 1 judged as the superior product are adjacently arranged on the front surface of the second chip 2 judged as the superior product in plane in a Y direction so that lower electrodes 5 of the adjacent first chips 1 are electrically connected with each other via a through electrode 6, a bump 8, and a wiring layer 7.

1459826470-616d1f57-1186-4196-91ad-611ced657322

The present invention relates to antenna calibration for active phased array antennas. A pair of terminals, an intermediate contact member and a rotating member with a ratchet respectively on two sides is fixed in the insulating body. The first type of information includes enunciated data.

1459826470-d9e7fe7b-79d3-4d9d-8629-4a036fb3db29

A thin air outlet structure to a vehicle compartment exhibiting excellent directivity while ensuring sufficient volume and velocity of air conditioning air stream. The radar includes a first discriminator for receiving a portion of the swept frequency signal generated by a frequency sweep generator and for producing a reference difference-frequency signal of frequency equal to the difference between the frequency of the swept frequency signal and the frequency of a time displaced swept frequency signal derived from the swept frequency signal. The current sense signal is compared with an upper threshold value and a lower threshold value. An elastomer body interconnects the inner sleeve and the outer sleeve. On the other hand, a threshold at each comparator circuit is configured to be able to be set individually in accordance with external setting, and thus a drive start timing of each element constituting an actuator array can be set flexibly.

1459826470-eb09d239-5a8d-4f01-aba1-22d74b6e1c6a

The present invention provides compounds of formula I. In one embodiment, an example of a process for generating DRR images includes, but is not limited to, loading a volume rendering program into a graphics device, the volume rendering program representing a predetermined algorithm according to a non-linear attenuation model. Then the control structure is transmitted to the one or more target devices during the period of the source device's configuration and is utilized to configure the one or more target devices to communicate with the source device via the base station, thus reducing the total time required to set-up the communications. Compared with the prior art, the lifting trolley provided by the present invention saves time and effort, is accurate in positioning, and facilitates conveying of goods. An analog receiving signal amplifier outputs an output signal representing an amplified receiving signal that has passed the analog receiving signal bandpass filter to the demodulator, and the gain of the amplifier is controlled in accordance with the level of the same output signal. The second end cap circumferential wall permitting the second end cap to be closed around the securement washer.

1459826471-33289e26-f8b4-43f2-8eb2-31cabae17e51

Methods of forming metal compounds such as metal oxides or metal nitrides by

sequentially introducing and then reacting metal organic compounds with ozone one or with oxygen radicals or nitrogen radicals formed in a remote plasma chamber. The base includes transverse front and rear base members, with a central base member extending therebetween. Each of the at least one detector sets includes a plurality of detector elements. The first operation is verified by applying a verify voltage to each of the at least one word lines. If the registration is determined to be successful, the assigned TMSI is then bound to the new ESN2. The resulting extract is used, preferably together with vitamins C, E and A or components thereof to form a skin treatment product that has efficacy as a photoprotectant and antioxidant.

1459826472-6271d245-5554-47e9-9495-9cbd5a1996bf

The protective tape applied to the front surface of a semiconductor wafer to protect the wafer during backgrinding must be trimmed so that excess tape, known as tape bur, does not extend beyond the perimeter of the wafer. Each of the adhesives 4 and 5 is caused to have proper adhesive properties suitable for the adherend to be bonded with by, for example, adding different kinds of coupling agents. A catheter according to the invention includes a probe or sensor arrangement for generating a signal representing the instantaneous amplitude of the fluorescence or the incident illumination.

1459826472-8d187be2-de99-42d3-b00d-8a6de449aff5

When electric wires are disposed adjacent each other in a peeled state of coatings, a gap corresponding to the total thickness of both conductors' insulating films as skin layers is formed between end joined face portions of the conductors. The lens array device produces a lens effect in a direction, the direction of effect being changed between in the first arrangement state and in the second arrangement state. Accordingly, the occurrence of printing failure can be lowered and the printing time can be shortened. The exposed conductor part 2A can be elastically deformed in the thickness direction in which the substrate 22, the reinforcing plate 24 and the like are stacked. The forceps and the forceps closing mechanism are disposed below the clamp magazine with the forceps being exchangeable.

1459826472-f82af7bf-5d70-4e6c-aa44-00ffb74bdbe8

Techniques to automate the transformation of an application involving programming language constructs from a composite of source grammars to a composite of target grammars, while maintaining the fidelity of the program semantics and functionality, or extending or changing it to explode the capabilities and avoid the limitations of new technologies are disclosed. This invention can compress, restore, match and classify signals. A refrigerator cools the superconducting coil and the radiation shield by conduction. There is also provided a plurality of movement arrangements for each moving a respective engagement arrangement along the length of the chassis. The communication node includes: a relay signal generation unit configured to generate a transmit signal by reducing, from a receive signal, an interference signal from another communication node and performing a process such that the transmit signal is not received as an interference signal by another communication node. 86 or higher and an Abb\Xe9 number vd of 28 to 36; a preform for precision press molding and an optical element that are comprised of this glass; and a method for manufacturing the optical element.

1459826473-4bd4137a-cac1-48ac-a7d2-30353dd03981

A two stroke internal combustion engine having a compressed air inlet port and an exhaust port the flow through which is controlled by suitable valves. Each of the link mechanisms includes end portion link members on input and output sides, and an intermediate link member. When the connector is inserted into the bulkhead casing, the latch dogs snap into latch-receiving slots of the casing to latch the connector in place. The front lens group is a cemented lens in which a first lens having a negative refractive power is bonded to a second lens having a positive refractive power in that order from the object side to the image side.

1459826473-5cda511a-1b9e-4c0d-90b4-a300d5b77f78

Data is stored in a nonvolatile memory so that different pages of data stored in the same memory cells are encoded according to different encoding schemes. In a conventional connecting member, its portions to be connected to the jumper wires are figure-U shaped and have openings on the opposite side to a core's end-face where the jumper wires are disposed, so that, in order to insert the jumper wires into the openings, complex drive controls have been required for the connecting portions being figure-U shaped. The length portion and the width portion each include sliders that may be positioned in an abutting relationship with areas of the foot. In this case, the amplification of low frequency components are performed by the switching regulator, and the amplification of high frequency components are performed by the linear amplifier and the high frequency amplifier. The microaspiration tip extracts and encapsulate a cell into an ultra-low volume plug. The mold assembly preferably includes two mold members held together by a gasket.

1459826473-ae0ece08-8601-4634-a837-e7b629a77146

A new and distinct cultivar of *Alstroemeria* plant named \u2018Jalua\u2019, characterized by its erect and strong flowering stems; vigorous growth habit; large light red purple and yellow-colored flowers with purple-colored flecks and streaks, flowers arranged in symmetrical umbels; and excellent postproduction longevity. The lighting devices communicate over a wireless network using radio frequency communication protocols. Different confidence ratings are assigned to different segments of the content based on determining that the different segments correspond to different thresholds of the predetermined criteria. The absorption member is arranged at a position opposed to the nozzle plate and located farther from openings of the nozzle plate than the recording object in a direction in which the liquid is ejected. The potassium sulfate is an additive for improved high early strength and accelerated setting times, thereby allowing the concrete structure to be put into service sooner, reducing labor cost, and allowing precast concrete and concrete masonry manufacturers to achieve rapid form and mold turnover.

1459826474-060a24bb-3883-47e8-baad-8ec4f886214a

The invention discloses design concepts and means and methods that can be used for enhancing the reliability and extending the operating life of electronic devices, and assemblies incorporating such devices, and substrates and/or PCBs, especially if such assemblies are exposed to severe environmental conditions such as thermal cycling or power cycling. A donor eNB can create at least a portion of a tunnel endpoint identifier for a relay eNB communicating with a UE or other device. In one embodiment, the transponder operates at 10 GBs. A carrier inflow width controller is included to control the width of a path of carriers flowing from the p-type electrode into the active layer. The composite signal includes the first video data stream modulated to a first radio frequency band associated with a first user and the second video data stream modulated to a second radio frequency band associated with a second user.

1459826474-1e1e27ba-5872-4af6-bc0b-b21ffb6cc974

This invention provides cephalosporin compounds and salts thereof. The camera focusing system includes a distance measuring device, a video receiver that receives videoimages, a graphics overlay unit, and a monitor. The method and system also includes computing the number of photographs required to be taken and the azimuth angle of the center point of each photograph for building a spherical environment map representative of the spherical panorama. Further, the present invention relates to an integrated circuit and an electronic apparatus comprising the device for generating a random sequence according to the invention. All of the skirts have the same outer peripheral size and shape. When both the SC and IS are mutually authenticated, the IS and the specific customer are allowed to complete the registration process.

1459826474-84c556df-126f-4fcb-b502-d8104f12b63a

A bedding assembly having a storage area integrated therewith. Feed enters the gas-phase thermal zone, where it passes to a liquid-phase thermal zone. In addition, in case where a flexible printed circuit is used to connect the connector and the circuit board, the plurality of terminals included in the connector can be connected simply with the circuit board and interference with other components can be minimized.

1459826474-e8592132-f91c-4278-b872-9f7e5cec965c

A device is for separating water and contaminants from fuel that is being supplied from an upstream fuel reservoir to a downstream internal combustion engine. The system includes a first bone plate extender and may additionally include a bone fixation element and/or an additional bone plate. A second portion clamping engages the beverage bottle to hold the cap on the bottle.

1459826475-6623e33e-b74c-418d-ab19-0281a2e35125

A user-wearable illumination assembly comprises a mounting fixture that is adapted to be coupled to a user-wearable device, such as eyeglasses, goggles, face masks, helmets, or other devices. When a detectable member is operated and a force applied from a displacement electrode to the movable switch electrode reaches a specified value, the movable switch electrode is elastically deformed and depressed drastically with buckling at the nearly top portion thereof and is brought into contact with the fixed switch electrode. Orientation pegs are provided along the sealing surface of the air dryer manifold and receive corresponding indented regions in a cut out region in the mounting bracket. In another embodiment, the probe includes a generally spoon-shaped transducer including a plurality of individual emitter elements.

1459826475-837de649-b383-4b75-ae4-eb676f1f332a

A method for providing intake air to an engine in a vehicle comprises delivering compressed fresh air and EGR to the engine via first and second throttle valves coupled to an intake manifold of the engine. In one particular example, the size of the speech data portion and the size of the non-speech data portion are variable. In one embodiment an inorganic-organic hybrid coating is formed by combination of a sol, prepared by the hydrolysis of tetraethoxysilane and  $\gamma$ -glycidoxypolytrimethoxysilane with an excess of water, and a sol, prepared by the hydrolysis of titanium tetrabutoxide and  $\gamma$ -glycidoxypolytrimethoxysilane with a deficiency of water. The light guide comprises first optical means to orient received light rays approximately parallel to the rotation axis of the index, and second optical means to focus the previously reoriented light rays towards at least the first exit surface. Spacing elements are found on opposite side of the chain, specifically between the guide links and the adjacent outermost inside links.

1459826476-a3c086a5-b8e0-4ab1-81ee-a0b55336f3ac

A method of analysis to process jitter information by using a window average statistic model to determine a pointing accuracy. A determination is made as to whether a data processing system is publicly accessed. The ARSE techniques produce a code spectrum transform yielding a power spectral density versus spreading code index relationship from which the spreading codes in the received forward link signal may be identified. Even if the distance of image shifting is great, an image of a high resolution can be formed and dimensions can be measured in a high accuracy. The BIOS having a set of macros, each macro of the set of macros having a reference to an effector of the set of effectors, each macro of the set of macros having a set of arguments. In order to accomplish a simple construction requiring a minimum of space, the one or more devices that generate that tactile response may include at least one piezoelectric element configured to generate vibration which is forwarded to the user in response to a key of the touchscreen keypad being pressed.

1459826476-e3c97c34-4dcc-4924-a0e9-aa84baa833a6

The present invention is directed to the use of an improved hydrocarbon adsorbent coating for the treatment of evaporative emissions from a motor vehicle. The grooves are shaped to provide for substantially uniform steel disk temperatures in friction launch of a vehicle. The printer managing server, when receiving a subject-of-registration-device identifier, tentatively registers the received subject-of-registration device identifier to the storage device.

1459826477-139e985f-a78e-4a90-b187-4d34122e5da5

A molded clip for closing bags and the like includes a pair of claws with a latch and a hinge at opposed ends. In this context, the internal combustion engine includes at least one adsorption catalyst in at least one exhaust branch. Signal values may be calculated for each of the microphone.

1459826477-251fe782-17a3-45ac-bd7c-d1f2df1ff3bf

A method includes simultaneously collecting both x-ray count data and energy charge data from a single cell. The compartment divider can be attached to a longitudinal wall of the box-shaped body and extends over more than half of a depth of the box-shaped body. A second transistor has a source coupled to the drain of the first transistor, a drain coupled to the second node, and a gate. Sockets are provided in the resilient webs of the keys for receiving under-blocks co-molded to the light-strips. Based on compliance by the bulk message sender with the set of policies, digital communications sent by the bulk message sender are distinctively treated. The cooling sleeve has a cylindrical base member and a cooling pipe spirally wound on the outer peripheral surface hereof.

1459826477-64935fc0-39d9-410d-97e8-2dda53dcf0ea

A method for fabricating a semiconductor lighting chip includes steps of providing a substrate with an epitaxial layer thereon. Upon the reception of the audiovisual content, frames annotated with watching levels are extracted and displayed in a single view. The caliper bracket includes lower-side and upper side circular-shaped counterbores which are opposed, respectively, to the counterbores of the brake caliper.

1459826477-f124ac78-92b4-4581-9496-35989430def7

A zinc oxide precursor for use in deposition of a zinc oxide-based thin film contains a zincocene having the following formula or a derivative thereof: where R<sub>1</sub> and R<sub>2</sub> are hydrogen or C<sub>n</sub>H<sub>2n+1</sub>. The portable terminal includes a shielding member disposed on an external part, a first coil disposed on a surface of the shielding member that faces the external part, and a second coil disposed on the surface of the shielding member, and surrounding the first coil on a same plane. Audio input corresponding to the current terrain is received for the plurality of positions. The first and second ends of the spacer are inserted at least partially into a first counter bore and a second counter bore formed in the lower and upper vane rings. The object measuring apparatus calculates the number of moving objects passing the boundary line on the basis of the integral value. The printhead assembly comprises: a printhead having an ink ejection face; an ink supply system for supplying ink to the printhead; and a foaming system for providing a liquid foam on the face.

1459826478-0113790c-b753-447d-ad5c-fc90eae328a0

A package includes a base body to which an electronic device is fixed, a lid body that faces the electronic device, and a frame body that encloses at least one of a space between the electronic device and the lid body, and the electronic device. A foundation for supporting the outer cylinder is provided. The interface between the block and the heat transfer device contain a number of tongues and grooves to allow for positive location of the block against the heat transfer device while the clamping mechanism is fastened to the support. A microprocessor can then determine which of the first and second zones a head is reading, based at least in part on which of the first and second demodulators detects the SAM pattern. The whole

system has a configuration which has a reduced number of lenses, and which is small and simple. The write access of the second entity to the first data is locked.

1459826479-06b1009b-b1de-4f63-bb6a-938f2af60075

A method and system for operating a photovoltaic module includes providing a reversed electrical bias to the photovoltaic module. The actuator may include an array of a thousand or millions of individual actuator cells for strength and mechanical robustness. A specified pattern is sent, and the output bins are investigated to look for that pattern. A frame drive is coupled to the lower frame for moving the two frames between loading and unloading positions. The present invention also relates to a system and method for automating the process of analyzing hardware failures that cause path and parity alarms in a telecommunications digital cross-connect system used in a long distance network. According to the inventive method, the yarn feed device pulls the yarn from the supply spool with varying speed and forms and maintains a yarn intermediate store.

1459826480-0f309d5b-af7d-4f46-8de7-70cd5b46771c

Provided are methods and a system for the transbronchial reflectance oximetric measurement of mixed venous oxygen saturation in the pulmonary artery of a patient, and a device therefor. Such novel pyrimidine derivatives are useful in the treatment of abnormal cell growth, such as cancer, in mammals. The cam-contacting sliding surface is formed as a concave surface to provide better retention of the lubricating oil. The second end of the panel is selectively pivoted upwardly from the frame to define a deployed position. A preset value that presets the loop divider is changed to adjust the phase of a feedback signal with respect to a reference input signal.

1459826480-c0247c13-49de-4461-9dd4-b4e60dcf68bd

To provide a transparent resin molded product with less yellowing due to thermal deterioration of a dispersant by melting and kneading during molding process, and having excellent visible light transmittance and excellent heat ray shielding function. The first instruction processing unit is adapted for receiving and processing a stream of instructions, and for issuing, in case data is required by a certain instruction, a corresponding data read request for fetching said data. A nitride layer is formed on top of the oxide layer and holes are etched for the source, drain and gate contacts. An external calibration signal from a stationary RF-source is sequentially injected to all of the phased array antenna elements so that different phases of the external calibration signal arrive at each of the antenna elements. Accordingly, the phase relation among the plurality of signals at the point of generation is the same as the phase relation among corresponding signals obtained after the time division multiplexing. The wafer has electrically conductive sites on the surface for soldering to the posts.

1459826482-19d9f6a6-541f-404a-8375-9791bfd87fa9

Aspects of the disclosure provide an integrated circuit that includes a processing unit and a signal-terminal matching circuitry. To prevent heat-sensitive filling material from being heated up when it is passed through the filling wedge, arranged between the feed channels and the wedge surfaces is a means reducing the heat transfer, preferably in the form of a respective cooling channel. There is also a process that has the semiconductor wafer being inclined with respect to the direction of flow of the etching medium, so that there is an angle of less than 180 between the direction of flow of the etching medium and a first side of the semiconductor wafer. Output circuitry is provided for detecting the logic state of the bit stored by the memory cell, such output circuitry comprising a position sensor for detecting whether the structure is in the first position or in the second position. The substrate transfer robot transfers the at least one substrate from each of the cassettes to the second apparatus.

1459826483-78024ddc-a740-47d2-8539-90b8ade7cb43

The disclosure provides mutant ribonucleotide reductase strains of poxviruses including for example vaccinia viruses. The pedestal support heads are each connected in a matrix orientation with a plurality of horizontal stringers. After storing the data, second storage values are read from the cells using the read reference levels, so as to reconstruct the stored data. The audit log is retrieved from the protected memory in response to receiving an attestation request.

1459826484-2ac7d89b-1c09-401e-a7aa-ff16f29d13e2

A telescopic mascot includes a head core, a shoulder supporting the head core and a body having a pair of upright telescopic tube assemblies adapted to support the shoulder. The semiconductor device includes a dual stacked MIM capacitor formed on the semiconductor substrate. Before outputting the starting signal, the switching element is ON as a stand-by state. detecting an overspeed signal from the at least one stage, and ii.

1459826484-91c89174-e797-4782-99e3-df39a9126236

An imaging device supports the taking of an image with a suitable composition without requiring user operation. A device receives via a single transport layer connection a plurality of packets carrying a plurality of protocol data units. As a result, gaseous contaminants that include organic molecules are reacted to alter the polarity and reduce the molecular weight of the molecules. , when data encoded by a run-length coding method is re-encoded by a coding method using typical prediction, the data is conventionally temporarily decoded into original data before encoding and then re-encoded.

1459826484-a0df30cb-1037-4da4-9d70-617f5e810c53

Local mobility within a subnet is supported by classifying wireless base stations, and the routers used to forward packets to those base stations, within defined domains. If traffic needs to be redirected from a primary physical interface, the router remaps the virtual interface to the backup physical interface without needing to update routes and select one or more alternative routes due to the need to redirect traffic. A second wafer includes at least one first MEMS sensor second subassembly, at least one second MEMS sensor second assembly, and a fusing matrix. The server subsystem comprises an interface, a processor, and a memory. Partially immersed versions have higher efficiency and protect against severe weather by inverting into the water. This invention further relates to methods for producing maize varieties derived from maize variety X08B735.

1459826485-45c556b1-bf5d-4a2a-b083-5f1ac97e5e07

A method and system for producing false three-dimensional images for amusement may be used in haunted houses, fun houses, or similar attractions found at fairs, amusement parks, and/or tourist areas. A rubber composition exhibiting an improved abrasion and cut resistance is based on at least a diene elastomer, a reinforcing filler, a crosslinking system, and a plasticizing system comprising between 5 and 35 phr of an MES or TDAE oil and between 5 and 35 phr of such a resin. The feeding device is for transmitting a microwave signal.

1459826485-92099042-4fd9-499b-bae7-7ee313c6d154

A ceramic precursor batch composition comprising inorganic ceramic-forming ingredients, a binder, an aqueous solvent and a heteroatom polyol agent. The present method achieves minimum dot visibility for a given dispersed-dot screen by performing a CMYK to CMYKRGB conversion which uses less visible dots as much as possible before more visible dots are introduced. Based on the reputation, the most secure route, which can have multiple paths, is selected for packet communications. Data is obtained for layers in each of the number of section cuts. The one or more alternating-field components are configured to provide an alternating magnetic field having a microwave frequency and an orientation that is at least partially transverse to the magnetic write field. The long-term performance degradation and self-discharge caused energy losses of the electrical double layer capacitor can be

reduced.

1459826486-166a1c9e-24d6-4c43-a344-2bf2e93e669d

A armrest portion moving forward away from seat backs for allowing an object to be placed thereon is provided at the central portion of the seat backs of a rear row seat, and a movable cushion provided at a central portion of seat cushions in the vehicle width direction. The flexible device is advanced distally beyond an outer layer of the annulus fibrosus. The inks are sorted in order of glossiness.

1459826486-267a5dc8-fcc0-4518-b69d-b33e36ec5e2c

A handle pipette including at least one cylinder with an upper end and a lower end, said cylinder having a movable piston, an elongate handle, by which the pipette can be manually gripped, said handle having an upper part, and in the upper part of the handle, a sideways extending finger support, which finger support is at least partly flexible and/or it can be shaped by the user. The method also includes determining a first and a last storage element of the wordline to identify a set of storage elements. The first recording layer is formed with a continuous first microscopic pattern of grooves that is different from the second microscopic pattern. A connector connecting the cushions creates a valley to receive an upper arm of the user.

1459826486-3aeae967-68a8-4b29-9a7d-48c95290f4aa

An airplane security system, particularly for a commercial airliner, includes an on-board device for allowing a person not on-board the airplane to override an on-board piloting system for the airplane. The system comprises a solid modeler and a nonlinear equation solver. A remaining portion of the spacer material remains over the top surface of the gate electrodes and over the doped region, and a portion of the protective layer remains over the doped region.

1459826486-cfa81c75-c999-4d26-81b5-1799b2f703aa

Providing a UVfluorescence detecting apparatus and a sensing method thereof which is capable of detecting a fluorescent pattern and an ultraviolet reflection light and small and cheap. The labeling sheet comprises a plurality of friction coated labels removably secured to the release liner. A presser includes a pressing plate connected with a rod, the pressing plate is inserted into the first cup to force contaminated water in the first cup to pass through the one-way valve, the filtering part and is collected in the second cup. This prevents the driver circuit TFTs from being damaged. Using helium, the shelf life determination can be accomplished in about 17th the time of conventional shelf life tests. The second fiber ply runs on the first wire into the combining section at an angle less than 90° with respect to the belt entering the combining section.

1459826487-03e4e359-9f87-41d7-a759-8f6affdba970

Methods and apparatus for mixing and delivery of process gases are provided herein. The scan test circuitry comprises scan cells configured to form scan chains. The bismuth telluride nanoparticles may be dispersed in a matrix material comprising particulate bismuth telluride. The cable management system may have an articulated arm with a first end coupled to the assembly and a second end coupled to the first part of the slider mechanism so that bending of the arm accommodates movement of the electronics assembly. A notification may also be provided from wireless communication equipment to a communication device to which it is operatively coupled responsive to receiving a notification that remote wireless communication equipment has determined that the wireless communication path should be shut down. In some embodiments, a workpiece may be processed at one or more of the positions using two or more processing stations, such as a first processing station that cuts the workpiece into segments and a second processing station that performs another processing operation on the workpiece.

1459826487-42c2c4ed-8a97-480a-b421-33890cc83a52



The present invention relates to a process for forming a near-planar or planar layer of a conducting material, such as copper, on a surface of a workpiece using an ECMPR technique. A strap is provided for securing the blanket in its folded condition, and a handle is secured to the storage pouch for enabling the blanket to be easily carried when secured in its folded condition. The first data storage unit is connected to the bit line. Each hook is inserted through the elongated opening of a corresponding connector with the bump on each wing fitted inside the opening of the hook to retain the hook inside the body of the connector. The chargedischarge speed controlling circuit, according to the first analog signal, outputs a control signal to the chargedischarge circuit to adjust a chargedischarge speed of the cell. If wrap up of departure times is possible, departure times are transposed based on a zone associated with the last departure time.

1459826487-da115801-81ef-43d1-9150-2105f3d9b841

With the mounting of a semiconductor chip onto a substrate having a portion of adhesive the bondhead is lowered to a predetermined height H above a support holding the substrate. The decision system enables separation of effects of defects within one component from other components within a common subject. The mobile device operates in a full communication state if the operating variable is detected to be within the first range of values, a first limited communication state if the operating variable is detected to be within the second range of values, or a second limited communication state if the operating variable is detected to be within the third range of values. This allows the optical pickup to be used for recording as well as for reproducing. As a result, an efficient search can be achieved when searching audio data.

1459826489-28775e01-a82a-49ac-b0af-89d2196f2d25

A lens module includes a lens barrel, at least one fixed focus lens fixed in the lens barrel, and at least two variable focus lenses fixed in the lens barrel. An incident indicates a performance of the application in which a problem object produces an outcome that had not been expected by a user or by a ticketing tool. A cathode layer is formed on the tunneling layer to provide a surface for energy emissions of electrons and/or photons.

1459826489-6915a566-dcaf-4e65-b033-f146bd23a409

A crud-resistant nuclear fuel element cladding in which the axial locations that experience nucleate boiling during reactor full power operation are highly polished so that the maximum size of any surface defect on the highly polished surface is approximately 0. The method comprises the step of determining if a random access response window value is being signalled from the network for a first serving cell currently associated with the user equipment node. Since the current is alternating, the associated motion of central axle is reciprocating, ready for the purpose of massage. The at least one heating device is located in the contraction section for preheating the airgas flowing through the at least one heating device. This unique design allows for construction of a precision virtual hole of very long depth, which enables two optical fiber studs to butt against each other with a core to core misalignment of less than 1  $\mu\text{m}$  for single mode fiber optics cables.

1459826489-fc274e5b-514a-4973-95af-e1a7de2ef4cc

An electrophotographic photoconductor, including an electrically conductive substrate, an undercoat layer containing a filler and a binder resin and provided on the substrate, and a photoconductive layer provided on the undercoat layer and containing a binder resin. Embodiments may identify systems of a cluster potentially impacted by an error and identify one or more error events associated with those systems. in the presence of a hydrogen-containing gas stream to form a reactivated catalyst. The inner body is configured to move along a longitudinal axis relative to the outer body. In addition, purchase orders for components needed for the IT migration based on the migration information can be generated using the IT migration tool. The arcuate side walls have a plurality of overlapping folded

flaps.

1459826490-a5206c0a-d3c0-4b9d-bce0-c1b06c698874

Topical formulations and method of using the same are provided. Under such bilateral data transfer system, each of the one-way data links may be subject to separately administered security restrictions and data filtering processes, enabling secure bilateral communications across different network security domains. The target object is also aligned to the reference object.

1459826490-c00926bf-3f18-4590-a39e-dd49ee0bb0ad

Sediment control devices and systems are provided. The central processing unit serves as a game board displaying unit to display a game board on a display, a game piece deploy controlling unit to initially deploy game pieces, and a game piece movement permitting unit to permit the movement of the game pieces. In other embodiments, additional processing may further include determining that the generating and sending of alert messages are to be delayed until a later time. A scanning laser vibrometer is positioned within the housing and directed to detect vibrations of the acoustic window.

1459826491-05db95d3-44a7-4773-9fcd-7dcfbc67365d

A transporting apparatus includes a transporting plane and a transporting platform which can be displaced in different directions in a largely friction-free manner on an air cushion above the transporting plane, the air cushion being generated by air nozzles which are distributed in the transporting plane and are adapted to be optionally opened and closed individually in each case by a valve. A first application, via a unidirectional communication with the first environment, modifies a first parameter, wherein the first parameter is extracted by a first interceptor that, based on a look-up, executes a pre-defined action affecting the first remote session. Thus, generated is a threshold matrix capable of reducing graininess in a halftone image with directionality in the tilt direction, and improving the reproduction of thin lines and characters. A mixing element is disposed within the compartment of the collapsible bag. The robot substantially reduces, or eliminates the out-gassing of hydrocarbon molecules in a range from about 0 to 200 a. The materials of construction are selected to also enhance trouble-free operation.

1459826491-ad91cec6-ba2d-4d09-9de2-133a3937592b

The present invention relates to novel felbamate derivatives and their use to treat neurological diseases such as epilepsy and to treat tissue damage resulting from ischemic events. The acoustic dampener further comprising a pair of side arms, each having a first end and a second end. The network node identifiers may be uniquely assigned by a network administrator, while the identifiers of the mobile stations may, for example, be set to a universal MAC address assigned to the station. The linear movement of the piston within the cylinder compresses a gas with a high compression exponent.

1459826491-d8917a76-631d-4697-81e1-bbafc792a1b5

Disclosed is a wire for arc welding of high feedability having a hardness deviation of less than 18 between a central portion and a surface of a cross section of the wire, and a hardness deviation of less than 15 between each interval of 200 mm in a longitudinal direction when measured by an Hv1 hardness tester. A single instruction is decoded. The systems and methods provide advantages in that the speed, reliability and accuracy of the design process are improved and the affect of circuit interconnects is taken into account.

1459826491-db36d880-1292-4005-bee1-2d46090e073f

The invention relates to a projection lens assembly for directing a beam toward a target. According to the inventive method, the test sample to be examined is first subjected to a method for accumulating or depleting tumor cells, and a reaction is

carried out on the accumulated or depleted tumor cells. A touch screen display is connected to the processor.

1459826492-1cf3936b-dbb1-4dff-9d6c-e00b4b23b183

A system and method for shaping the energy spectrum of a pulse train used by a pulse transmission system. The aperture stop, the first lens, the second lens and the third lens are aligned in that order from the object side to the image side. The bar carrier is driven in an oscillating manner with a superimposed horizontal and vertical movement by a crank mechanism drive. Each pixel electrode is disposed in the region, and is electrically connected to the thin film transistor.

1459826492-e9cf49a7-fbd0-49d0-8943-8aaff422a634

A system and method is provided for detecting emitter signals and for determining a scan strategy for a receiver system that receives such emitter signals. The predetermined period of time corresponds to a current speed of the motor upon arrival of the subject to be driven at the speed measuring position, and the speed measuring position is at a predetermined distance before a target stop position of the subject to be driven. A detection unit that detects a removal/attachment operation of at least one of the first and second connectors and an interruption unit that interrupts supply of electrical power to the optical transmission unit and optical reception unit when the removal/attachment operation is detected by the detection unit are provided. The completed product design can be uploaded to the server for production of the corresponding printed product. During the synchronization process, the system ignores objects stored on volumes that are not currently accessible to the portable computer. In addition, methods of producing the system carrier and the electronic component are encompassed.

1459826493-393f1037-8c3b-430f-bfea-82cf4e684f5f

A protection film is formed on a silicon oxide film 6 formed on the surface of a semiconductor substrate, a silicon oxide film is removed from a region where a thin gate-insulating film is to be formed by using, as a mask, a photoresist pattern that covers a region where a thick gate-insulating film is to be formed, and, then, the photoresist pattern is removed followed by washing. A capacitance element is disposed between the gate and the source of a driving TFT, video signals are inputted to the gate electrode, and then it is in the floating state. Furthermore, it takes into account data outside the realm of communications and the press, such as a company's commercial and financial market performance to normalise the quantitative results and facilitate comparisons between competitors. A second flexible shaft may be provided either within or about the flexible drill shaft.

1459826493-9786b2e6-ee11-4af0-9bc8-bcc6fa5ebccb

Techniques and tools for performing fading compensation in video processing applications are described. A flange extends outwardly from an upper edge of each depression. A scanning line 101 to supply a scanning signal to a switching element, such as a TFT, for the pixel is formed under a bank provided between the luminous elements and partitioning between the luminous elements. Such compositions can be used in numerous applications, including, for example, any application for which a soft material with very good recovery is desired.

1459826493-d301dbaa-7f3c-4437-93f6-38b0892db73a

Methods and systems for facilitating the selection of alternates for hand written word. The outer joint part includes a first longitudinal axis and a longitudinally running cavity with an open end. The computer system runs a security policy check on the mobile device.

1459826493-d95db7d3-1cce-4f38-9a0f-843b421382be

A machine-implemented method receives job specifications for at least one direct mail printing job from at least one user and creates at least one workflow related to the direct mail printing job. Each transport unit has side by side loading and

support capability and is operable to receive packages from induction stations and discharge the packages at an appropriate discharge station. Accordingly, the direction of a target is detected by finding the direction of the highest reflected-signal intensity. Accordingly, the electrical bus member mounting system consolidates a substantial portion of the electrical bus assembly at a single location within the second one of the sections of the housing, in order to facilitate access thereto.

1459826494-15a5cb6d-96af-42a2-9cb3-b9b87a5d3e85

One embodiment disclosed relates to a laptop computer system including a display casing, having display circuitry and a display screen, and a main computer casing coupled to the display casing. With this configuration, fine chips such as fine semiconductor chips can be mounted at desired positions on a mounting board with a high efficiency and a high yield. The sealing member has a locking portion to be locked by a locking member provided in a main assembly of the apparatus, and a coupling portion to be coupled with a drive coupling member provided in the main assembly. This design makes the width of the part of the bumper beam adjacent the vehicle small. The node forwards the received packets such that packets assigned to the LSP are distributed over two or more distinct component links of the bundle. During the assembly of the vehicle, the assembly line operator couples the propeller shaft to the input shaft through a cardan joint cross by aligning the marks on the propeller shaft and the input shaft so that the marks are located opposite to each other.

1459826495-718e09f2-06d7-489e-ad8f-3485adedfc0d

A thermoacoustic device is formed with a resonator system defining at least one region of high specific acoustic impedance in an acoustic wave within the resonator system. Further, test tubes having a diameter smaller than a width of the first lane extend between the walls of the first lane so that the test tube has a vertical orientation and is supported by a cap engaging a top edge of the walls of the first lane, and test tubes having a diameter larger than a width of the first lane rest on the top edge of the walls of the first lane in a horizontal orientation. An electrical signal processor is electrically coupled to the electrodes for processing the electrical signal and a patient alarm is further provided and electrically coupled to the electrical signal processor. A further embodiment transmits maintenance data during predetermined time intervals, coordinated between the field units and BTS, allowing power levels to be adjusted accordingly. A second member may be rotatably coupled to the first member, where the second member has a second surface that mates with the first surface to form a seal for the pocket if the second member is rotated to a closed position.

1459826495-ae638377-08c4-4971-9a20-bd814c472cb7

A vehicle lift control maintains multiple points of a lift system within the same horizontal plane during vertical movement of the lift engagement structure by synchronizing the movement thereof. The optical security element has a substrate layer in which a relief structure defined by relief parameters, in particular relief shape, relief depth, spatial frequency and azimuth angle, is shaped in the surface region defined by an X-axis and a Y-axis, for producing an optically perceptible effect. A data processing step coming after the simultaneous source separation acts to conform model-simulated data to the measured geophysical data for source and receiver combinations that are missing in the measured geophysical data. A decision engine retrieves the decision rules from the second data store and the account history information from the first data store, then determines, based on the decision rules and the account history information, whether a method override should be applied to the financial account. The growth journeys are shown through the role's progress in the game. The pharmaceutical composition is used for treating autoimmune and tumoral diseases and/or for immunosuppression.

1459826496-9e6ab8a4-c299-4dc6-9dba-d0dc65a3783d

A method and an apparatus measure blood oxygenation in a subject. The structure comprises two concentric hollow spheres spaced apart by a transparent fluid. The attaching end is opposite a handle end which a user grasps to rotate the device to block a portion of liquid being released from the exit port of a nozzle.

1459826496-a8979d28-76b7-439c-b0f5-f1fece809fa9

An electronic device and a method for changing an object according to a bending state. A headlight line defined by a top surface of the headlight unit and a fuel tank line defined by a top surface of the fuel tank unit together extend along a fixed curved line in a side view of the motorcycle. The auxiliary processor then monitors the speech of a user of the device to detect a wake-up command by speech recognition processing the audio signals in parallel. The mixture is injected into the water line at a mixing control valve to ensure that the water and surfactant are thoroughly mixed before being injected into the media carrier.

1459826497-00d6f923-6a39-4a78-b6d3-2df830c1d240

A system accurately performs function restriction on a user-by-user basis, even in the case of an image processing function that is realizable with use of a plurality of apparatuses. For each link to the destination, the link cost is calculated based on at least two parameters, the link having the lowest link cost is selected. The upper reservoir section is easily lifted and transported, such as by crane. It is thus possible to achieve a ball-joint like articulation, whereby the spherical surfaces may have a relatively large production tolerance without the above affecting the clamping connection between the articulation surfaces. The servicing execution logic is further configured to select one of the one or more servicers as a purchaser for a servicing asset of the mortgage loan from the lender based upon parameters specified by the servicers and/or by the lender. In addition, the encryption method includes the further encryption flag data in an adapted component of a modified transport header.

1459826497-229f16b3-f377-4d32-b2c3-9db529cf1544

A mobile station dynamically adjusts its data transmission rate based on periodic load indications from a base station. The burst mode optical receiver can automatically control a gain of a pre-amplifier according to the amplitude of an input optical signal using an output signal of a first peak detector. The system also incorporates features that promote ease of use by persons who are not skilled at using technology. At this time, when the film stress decreases, the total charge amount Qbd regulating dielectric breakdown of the film increases, improving reliability of the gate insulating film. Then, the laser radiation is illuminated to crystallize and activate the channel formation region, and source and drain regions. A field type from the plurality of field types is determined based on matching semantics of the received user input.

1459826497-b9a290e0-7ff3-4ffe-ac69-d64b02cbde00

A process for producing a modified polymer which increases low heat buildup and reinforcing capability of a rubber composition and which has excellent abrasion resistance, mechanical characteristics, and processability; a modified polymer obtained by the process; and a rubber composition using the modified polymer are provided. The device has a handle and first and second pluralities of tines having different heights. A signal is generated from the bar code format to simulate a reflection of a scanning beam being moved across a static visual image of the bar code format; and the signal is transmitted as light pulses from the mobile communications device. The cartridge identification information includes at least one feature on the tape cartridge leader having characteristics indicative to the tape handling device of the format of the tape cartridge presented to the tape handling device.

1459826497-dbe338c2-600f-44fd-88d3-96b8993ef916

A printed circuit board includes a positive differential signal line including

first and second segments, a negative differential signal line including third and fourth segments, first and second connecting elements soldered on opposite surfaces of the PCB. The male support base is fixed on the upper frame of a blind and provided with a protruding clasp block having its upper side formed with an engage shoulder. Also included is a top electrode which is electrically isolated from a top ground extension. A component interface creator automatically generates a component interface based on the information gathered by the parsing mechanism. The mail stream is then divided by alternately supplying the mail items to two gap-correcting units, in which said mail items are shifted to the ejection gaps in such a way that the required minimum gaps are attained after both partial mail streams have been combined.

1459826498-7243bacb-da71-4c96-8b0e-d35d541ffa0

A device for spacing, bracing and leveling tiles during installation on a ceiling substrate, comprises a, spacer and a bracer having a threaded substrate penetrating screw to releasably engage with the substrate for bracing and leveling tiles. In the preferred embodiment, the hierarchical multiplexing method comprises sequentially processing a packet at each of a plurality of hierarchical levels by characterizing the flow at each hierarchical level and either passing or discarding the packet. The device compiles the GPU-executable portion of the program code to create a compiled GPU-executable portion of the program code, and compiles the CPU-executable portion of the program code to create a compiled CPU-executable portion of the program code. The triple point is allowed to move if the critical angle is exceeded. A double-sided adhesive foam tape is provided on an interior wall of the channel section to bond the molding to a glass panel received within the channel.

1459826498-a556774f-ce49-4fdd-86e1-7aeef11dd9b9

Apparatus and methods are described for encoding and decoding an enhancement layer. The method also includes requesting and receiving credits from an end controller and responsively incrementing a credit counter. A method for producing the sheath liquid and a method for analyzing particles using the sheath liquid are also described. Preferably, the application definition file is an XML file.

1459826499-3be1a67e-8e49-4bd8-9dfa-55cbbaa2aa8b

An electronic circuit is for the gradual start-up of electric loads, particularly halogen lamps. The apparatus determines an operational state of a header compressor or a header decompressor by determining a transition between different operational states associated with the header compressor and/or by determining a transition between different operational states associated with the header decompressor. A reallocation fraction is then calculated based on the initial composite rates. The scanner device also includes a display device that displays images in response to the metallurgical, nondestructive testing.

1459826499-557f11f4-c005-4b6e-bb21-209408a1bbcb

Disclosed are compositions for anchoring materials in or to concrete or masonry. The CRS server includes a plurality of software modules, including a runtime server, a master server, a simulator, a query editor, a report generator, a report editor, a seating chart tool, and a simulator. The following operations are repeated until a threshold criterion is satisfied. An associated server-based service enables discovery of the virtual peripheral hub device and connected peripherals. The level shifting switch turns on in response to the level switching signal.

1459826499-63bf10a2-07e4-404d-8947-8f240130d8ad

For synchronization purposes, a transmitter multiplexes a pilot carrier with carriers whereon data elements are modulated, and transmits the pilot carrier together with the modulated carriers to a receiver. Nozzle holding means operation control means for controlling hardening operation on a workpiece by the nozzle are provided, and communication control means are provided for exchanging information

necessary for hardening operation on a workpiece to be machined with each machine tool between the control means and a control means of each machine tool. A gate valve is coupled to the gate collar. The data delivery network is selected for the communication from the multiple data delivery networks. Also disclosed are methods of use of various embodiments for the intonated string nut and string-locking mechanism.

1459826499-9578b62f-f34c-4fb7-8ad9-36c689db5f63

A towable, articulated elongated traffic barrier includes traffic barrier modules having articulating interconnected ends. The moving rig 1 has at least two field coils 7. An autocorrelation matrix having noise-related eigenvectors is generated in response to the signal. When the proxy client wants to access a target service on behalf of the user, it sends a proxy request to the trusted security server. A method or compiler for generating or compiling a file that contains information used by a device to change the user interface presented by the device. In another embodiment, the workload requirements are obtained as a detailed list of transactions, expected execution rate of those transactions, and the composition of those transactions, including SQL statement type and parameters upon which those statements operate.

1459826499-b6028ba7-21c5-443c-862c-a0af155c0b23

A system and method are provided for assembling of a bundle of conductors into a connector that defines a plurality of cavities for receiving the conductors. The first support member is secured to the second support member with the first plurality of fins nested between the second plurality of fins. Methods for preparing crosslinking agents are also disclosed.

1459826500-05e67ffe-7a76-43dd-b386-83110608bbac

A media management module maintains and uses device profile data stored on a computer-readable medium. A network interface then sends the graphical commands via a home network to a media center extension, where a display interface renders the graphical commands into the user interface on a television. The device incorporates a voltage reduction circuit which reduces a voltage from its network value to approximately the nominal lamp voltage, while also retaining the lamp itself and connecting it electrically. The first gate insulating film includes a first insulating material with a first element diffused therein, the second gate insulating film includes the first insulating material, and the amount of the first element contained in the first gate insulating film is greater than the amount of the first element contained in the second gate insulating film. The pocket is disposed on the closure flap.

1459826500-06ef6c6f-83fe-445f-b3bb-0543b8e427e0

Embodiments of the present disclosure are directed towards a bullion arbitrage kiosk portal device that enables a customer to buy and/or sell precious metal bullion. The combined feedstocks are subjected to molecular averaging via dehydrogenation to form olefins, metathesis of the olefins, and rehydrogenation of the olefins to form paraffins. The outer tubular body completely overlies the distensible stent.

1459826500-ce89e7f8-6aa8-4454-bf35-ccd14d246f57

In the present invention, for each set of blocks # to # storing update data, a history block # storing an update state value, for example, a generation, time or check code, showing an update state is provided, constituting a set of management data as a check object. The package is defined by a unitary package piece that is divided into a set of sections, and each of the set of sections is capable of having printed data thereon. The UTRAN interface may be an lu interface, an lur interface, or an lub interface, which are, respectively, interfaces between a core network of the UTRAN and a radio network controller of the UTRAN, an interface between RNCs of the UTRAN, and an interface between a Node B of the UTRAN and an

RNC of the UTRAN.

1459826501-50480dde-fe13-4501-aee1-5ca6c34d1c9c

Text in web pages or other text documents may be classified based on the images or other objects within the webpage. The pivotal arm 14 and guide 16 are detachable from the rafter square portion 18 by unscrewing the thumbscrew 20 that secures the device to its pivotal point 22 located on the heel portion of the right angle square 18. The mobile card can be virtually inserted into an electronic gaming machine when a portable electronic device with an associated mobile application is in the vicinity of an electronic gaming machine.

1459826501-59c76b82-3097-4702-82cb-fde0ab9ec58d

A golf training apparatus and method for maintaining proper position of a golfer's hands on the grip of a golf club during a swing. A theoretical wheel speed for an inside non-steered wheel is computed. A selection of one of the graphical components is detected.

1459826501-a05026a9-c7d8-4f3d-a8d5-9105671cc28d

An apparatus and a method are provided for discharging a plurality of fluids downhole. Anonymization strategy for data anonymization is provided. For ease of use and adaptability, the various functions of the device are separated into multiple units.

1459826501-c861f229-b0bf-48d9-b1b7-c589c60d3482

Methods of analyzing three dimensional data sets obtained from a sample over time are provided. A second permutation specification of a second permutation of the first plurality of inputs is generated, the second permutation being a composite permutation of the first permutation and the permutation modifier, reflective of the first specified interaction between the first permutation and the first permutation modifier. Multidimensional functions with multidimensional parameters can be tested. When two differential side gears turn synchronously, the differential pinions turn around the power input sprocket gear. The inventive flat sealing material is suitable for highly stressed joints, in particular for cylinder head gaskets.

1459826501-edd5c8e6-bc52-4360-be25-3d11c4a0c7b5

The present invention provides a block useful in the construction of walls and structures that is shaped in the general form of a rectangular solid. The interposer can surround or be placed side by side with the controller die. The RAID subsystem and disk manager dynamically allocate data across the pool of storage and a plurality of disk drives based on RAID-to-disk mapping.

1459826502-32dd7b66-bf8e-4fe6-9034-6bd44ded9911

The invention concerns the use as direct dyeing agent of at least one tetra-azapentamethine compound, a dyeing composition comprising at least such a compound, as well as a method for dyeing keratinous fibers, in particular human keratinous fibers and more particularly hair, which consists in applying at least one composition comprising such a compound. Communication from the base to the terminals is by way of a radio-frequency carrier having a first frequency, and communication from the terminals to the base is by way of a second radio-frequency carrier having a second frequency. The vector switching circuit fixes the vector to 0 vector in the case where the moving vector detecting position is adjacent to the effective image edge portion.

1459826502-47f4cd3f-c75c-41cb-add9-b63b3800d30e

In the high temperature tag of the disclosure, a transponder is placed between at least two thin layers of compressible high temperature material, preferably a high temperature textile. The preview manager process renders the interactive configuration in a graphical format that allows a user to distinguish between the



designated content and the remaining non-designated content in the document. Each array of patterns corresponds to a surface treatment product type, such as floor treatments, upholstery, textiles, wall treatments and solid surface materials or laminates.

1459826502-9f5e20eb-4de0-4261-8374-555a18405614

A fuel cell separator unit having a crosslinked rubber layer is fabricated by coating a rubber-containing coating agent on the periphery of the surface of a separator to form a thin, unvulcanized rubber layer, and then vulcanizing or crosslinking the thin rubber layer. The payphone customer dials a long distance provider primary intralata carrier code followed by a number sequence. The liquid immersion mechanism has an inclined surface, which is opposite to a surface of the substrate and is inclined with respect to the surface of the substrate, and a liquid recovering port of the liquid immersion mechanism is formed in the inclined surface. The second diode may be configured for connecting the parasitic element to the ground plane via the one or more capacitors.

1459826502-b2a5e98a-5163-4457-af3f-607c45aa01f6

An ink composition includes a colorant represented by the following formula ; water; a guanidine-based compound; and a colorless water-soluble planar compound having more than ten delocalized  $\pi$ -electrons within one molecule:wherein Pc represents a  $\pi$ -valent phthalocyanine nucleus represented by the following formula ;wherein the symbols in the formulae and are defined in the specification. The novel compounds of the invention have very excellent PTP-1b inhibitory activities, act selectively only on PTP-1b among protein tyrosine phosphatases, and are substantial PTP-1b inhibitors which are effective in preventing or treating diabetes or obesity. Each of the sub-pixels includes a single first electrode, a single second electrode provided in a lamination direction of the first electrode, and a light-emitting layer inserted between the first electrode and the second electrode in each of the light emission regions.

1459826502-b70adac8-f1c2-4864-b2e8-279d288b92c5

Techniques for recovering from session failures between clients and database servers are described herein. The movable insert has a parallel-sided cavity which slidably receives a retractable core. The USB key includes a second USB connector for connection to the first USB connector, a memory unit, and a decrypting unit. The organic EL panel includes EL sub-pixels, which are luminescent and which are arranged in correspondence to liquid crystal sub-pixels of the liquid crystal panel. The data format converting unit receives image data having a first data format, and outputs the image data having a second data format, wherein the first and second data format are either a data format dedicated to the image processing apparatus or a general data format. As a result, the bit line is easily stepped down to an optimal potential level in accordance with a potential and a load capacity thereof without being affected by variability in devices or operation conditions.

1459826503-2ed149bc-c7d2-411f-a0ca-8f34197ca13a

A non-volatile memory system is formed of floating gate memory cells arranged in blocks as the smallest unit of memory cells that are erasable together. Each wing frame is configured to support a plurality of row units and is positioned forward of a respective wing tool bar. The mound material is comprised of gravel smaller than the bed material, such as volcanic gravel, and includes organic matter.

1459826503-eb32c90a-77d4-4be8-b561-3bcafeee5f1c

A simple structure capable of preventing a cam part of an actuator from coming out of position when the actuator is in an open position. The digital imaging-based bar code reading device employs a multi-mode bar code symbol reading image processor that is dynamically reconfigurable in response to real-time image analysis carried out upon captured narrow and wide area images. To generate a fine uniform gas-and-

drop stream of a high kinetic energy and space-uniform distribution the cylindrical segment length exceeds the channel diameter at this segment.

1459826504-f7bec2d3-9c23-4489-9ef4-e09fe7d63e1d

An apparatus having a parser and a circuit is disclosed. Each disk control unit includes: at least one channel controller having an interface to a host computer; at least one disk controller having an interface to a disk device; and an internal coupling for connecting the channel controller, the disk controller, and a cache memory for temporarily storing data to be written to or read from the disk device. In one embodiment, the present invention provides a method comprising oxidizing a hydrolysate of a chemical agent to produce an aqueous layer and an organic layer, the aqueous layer comprising an organophosphorus concentration and the organic layer comprising an organosulfur concentration, and separating the organic layer from the aqueous layer. Using the logical address, a NVM driver can determine the priority of data being stored and can process the data based on the priority. The channel IF unit 11, the disk IF unit 16, and the memory unit 21 are connected to each other through the switching unit 51, and an encryption and decryption processing unit 201 is provided between a host IF unit 101 and a transfer controller 103 in the channel IF unit 11. The powders can be formed into active cathode materials in Li-ion and Li rechargeable batteries.

1459826505-6bd4b7c5-3ca5-4bd7-9e55-317541d2c4b7

The disclosed invention consists of an improved gypsum based, cellulosic containing board and method for applying a resin to an untreated board at a spray station where PMDI resin is sprayed onto the front and back side of the board. The regulator includes a body having an inlet port and a pressure chamber. Furthermore, a device for coupling the capacitive near field to the person carrying the key is provided. The inner surface can have a textured visually wettable surface, such as an etched surface, to provide a visual indication of leakage from the interface between the skin penetrating members and the skin. The selected service code is then conveyed to the client computer, such that responsive to the selected service code, the client computer displays the service component on the host page. The housing includes a plurality of magnetic members embedded between the impeller and the impeller rotational torque generation section for transmitting a magnetically attractive force generated by the impeller rotational torque generation section to an impeller body.

1459826505-be972d0e-17c2-44dd-93e9-6e5f760cac6c

A multiuser detector that detects and decodes synchronous or asynchronous CDMA subchannels having different spreading factors with reduced computational complexity. In one embodiment the mattress is an air mattress formed of transparent polymer, such as transparent PVC Vinyl sheet material. When no identification code is provided from the device, or the database fails to include specifications for a particular device, the user is prompted to enter minimum information or specifications necessary to carry out communications with the device. A side surface of the encapsulating layer is formed inside a side surface of the substrate. Thus, a semiconductor device, of which production cost is reduced, and in which electrical short-circuit and falling off of an interconnection are suppressed, can be obtained.

1459826505-f2ee9249-6b16-4f81-ba6d-d3510c69bd7c

Provided is an emission treatment system and method for simultaneously remediating the nitrogen oxides, particulate matter, and gaseous hydrocarbons present in diesel engine exhaust streams. The film growth and transfer are made using an epitaxy lateral overgrowth technique. These network resource access requests may, for example, be provided via a user interface which may be implemented by a personal computer, telephone, or other device capable of providing a display and receiving user input. At least one fastening arrangement preferably extends outwardly beyond the board or panel to engage a fastening arrangement located on an away facing

board or panel side. The belt tracking mechanism includes an annular recess, an annular flange, and a circumferential rib.

1459826506-24b187a4-3bbe-4e06-9df9-402aafb3b9a8

An apparatus and method for winding a sheet of aligned parallel yarns onto a beam is described. This base layer improves ink acceptability of the unbaked ceramic member particularly for low viscosity ink such as jet-ink, and prevents oozing, draining, uneven thickness. By selectively monitoring the representative nodes for the changes in status, the representative nodes create a capability for scalable monitoring of the network.

1459826506-77b865d9-ff96-48e3-bad8-fdc238c91a

A polymer includes at a terminus a cyclic amine radical bonded to the polymer through a ring nitrogen atom. For electrostatically actuating the deflectable elements, an array of electrodes and circuitry is provided and positioned proximate to the deflectable elements. Accordingly, an NTSCPAL encoder 24 can output a preferable video signal, which has been subjected to an appropriate contour correction.

1459826506-fa356789-f152-4677-80ec-cd84802134db

A technique for testing a signal path while an operational signal is present is disclosed. The system includes multi-service servers associated with access points adapted to allow end-user devices to access the service provider network. The observation devices, the data recording device and the data processing computer are connected to a network, so that a required graph may be produced by processing data at a place remote from the observatory. A plurality of different underground objects can be simultaneously detected and their different locations can be simultaneously indicated to a user via audible sounds and/or visual images on a display. A structure is adopted in which obstacle detecting sensors which scan the raising and lowering path between a carriage and the load port of each semiconductor manufacturing apparatus, and which detect the presence of obstacles, are provided on the carriage with attached hoist.

1459826507-3dcd6580-d837-4d8e-a296-9e414899c2f0

A fluorine-containing allyl ether polymer having a number average molecular weight of 1,000 to 1,000,000 and consisting of chains of at least one repeating unit of the formula: wherein A is an organic group having 1 to 100 carbon atoms. Particular arrangements of input devices may provide enhancements in ease of use. A call manager communicates with the end offices and the ATM facilities to process signal messages from the end offices, and send corresponding messages to interfaces between the end offices and ATM facilities. After a first metal layer with a first workfunction is formed on the first and second parts of the second dielectric layer, part of the first metal layer is converted into a second metal layer with a second workfunction. The prohibitive costs may be diminished by redirecting part or all of the cost of providing the recommendation service from the providers, e.

1459826508-c064486b-269d-4e7b-8b50-2780021e1837

USB self-idling techniques are described. In one embodiment, the techniques are implemented as a method that includes receiving outputs from a three-axis geophone, computing a magnitude signal based on the x and y axis outputs, determining locations of each local peak in the magnitude signal, computing a bearing estimate for each peak, and computing a median of the bearing estimates. In one embodiment, a mobile telephone may have a wheel, slider, or other mechanism that may change a rating based on how fast and how long a user may activate the input mechanism. Second data may be received while the first data is rewritten to the normal recording area.

1459826508-d08b43a3-f749-4e86-8be4-829d1b5f6dab

An intrusion delaying barrier includes primary and secondary physical structures

and can be instrumented with multiple sensors incorporated into an electronic monitoring and alarm system. The PTT server will use the Request Deny message as an indication that an inter-SGSN RAU may be occurring. The control system selectively varies a viscosity of a fluid comprising the viscous coupling to control the stiffness of the interface. In another embodiment, individual links are collectively contoured, preferably after arrangement on a support such as a mandril. When the logical address is read, the physical-to-logical address map is used to read the new physical address instead of the old physical address. The reconfiguration of the first configurable circuit does not follow any sequential progression through the set of operations of the first configurable circuit.

1459826508-dcba0ef1-2891-4068-b7c5-0a4e3489e295

A method, system, and computer program product for adjusting a unit image area within an input image according to information importance within the unit area. or less, comprising the steps of providing a curative comprising an effective amount of a light-stable isomer of a 2,4,5-triarylimidazolyl dimer, such as bilophine; activating said curative by application of an activator selected from the group consisting of solvent and friction; and combining the activated curative with the polymerizable material. A method of securing a sliding door in a closed position in a sliding door assembly is also disclosed.

1459826509-4f7a52ee-dc05-421e-a903-8b536ab84d0e

A reflective mask blank and a reflective mask each have, on a multilayer reflective film, a protective film that protects the multilayer reflective film from etching during pattern formation of an absorber layer or a buffer layer formed on the protective film. In this regard, an RFID transponder may receive RF signals via a leaky wave antenna and modulate an amplitude of a backscattered signal associated with the received RF signals by switching between a plurality of feed points of the leaky wave antenna to vary an input impedance of said RFID transponder. The method also comprises deconvoluting each peak to isolate each target compound present in the peak, and automatically verifying the identity of each target compound against a target compound library. A Newton root step is followed to traverse separately Pareto curves of each low rank component and sparse component. A swaging process is used to form tubulated ends on the converter. According to an embodiment, a method may include computing, by one or more computing devices, one or more dynamic hints based on a finite set of executions of a computer program.

1459826509-532082d2-c966-4b36-9b80-493ce7195712

Clock recovery for a data receiving unit is disclosed. 3 m, is capable of improving transmission characteristics of the whole optical transmission line and allowing the dispersion to be compensated for efficiently and the size thereof to become smaller, and has a structure for improving the total dispersion slope of the optical transmission line while in a state fully compensating for the dispersion of the single-mode optical fiber. Second control circuit applies second voltage lower than first voltage to selected second line, and to dummy lines, third voltage by which potential difference applied to memory cells at intersections of selected first line and dummy lines becomes lower than on-voltage of selecting element. The output resistor is connected to the output of the operational amplifier serially to generate an output current flowing through the output resistor. The string may comprise three or more diodes. The coating composition may be applied to a substrate to form a printable film.

1459826509-b500774b-b40a-4b8a-a5b3-51c7b16f7982

A centralized high voltage interlock system includes an electrical source, an interlock control unit electrically connected to the electrical source, at least one high voltage component disposed in direct electrical contact with the interlock control unit and a high voltage electrical interlock disposed in electrical contact with the at least one high voltage component. The method may include receiving subscriber input for a temporary service account for a user associated with a

portable device and creating the temporary service account. The incident beams are reflected to respective sensors thereby providing head position signals. The piston is disposed within the housing for axial movement with the shaft. An IC chip is provided on the first major surface and connected to gates of the first and second MIS transistors. Pulsing a zirconium-containing precursor onto a substrate, pulsing a first oxygen-containing precursor, pulsing an aluminum-containing precursor, and pulsing a second oxygen-containing precursor to form  $ZrAlxOy$  by atomic layer deposition provides a dielectric layer with a relatively high dielectric constant as compared with silicon oxide and with a relatively low leakage current.

1459826510-5ed938d4-c4f4-495a-964a-6750d312844b

The present subject matter relates to apparatus and methodologies for allowing old telephone line capacity to provide near DSL or superior DSL quality telephone connections. The spacers are designed to have an optimum size and to be positioned such that they act as a detent mechanism for the switch to minimize problems caused by stiction. Furthermore, the lower rib collector descends due to the elasticity of a first elastomer disposed between the upper rib collector and lower rib collector further addition of impacting the hook device of the central pole.

1459826510-64bbacd3-0939-459f-b7a4-280d078e0d79

A system and method for providing automatic scheduling and establishment of telephone conferences over a network such as the Internet. The organic light emitting diode includes a luminescent device and first and second transistors for driving the luminescent device, wherein the first and second transistors have different resistance values. Chemical mechanical polishing may be used to achieve high fabrication throughput and high polishing uniformity. A method for facilitating fabrication of a first article from a second article is also provided. Also provided is a method for improving the efficiency of an electrochemical cell for target ion destruction.

1459826511-25fbf4c8-30c3-4b19-b01c-5b447d30dda3

A method and circuit control a quiescent current of an amplifier including a preamplifier, error amplifiers, and output devices driven by the error amplifiers, the error amplifiers having an input-referred offset voltage. A communication device is structured to input at least one of the displayed companion codes and transmitted to a remote processor facility. The wall bracket cover nests within the wall mount bracket and prevents access to the heads of the lag bolts. The server stores the key reference frames. Fourthly, an opaque to-be-solidified film is formed on the substrate, and each of the conical frustums extends through the to-be-solidified film. The substrate is then cured in an oven until the ink is dry.

1459826511-894c686a-af33-47b6-9df6-8c740dc7685f

Level shifting and amplified level shifting circuit topologies are provided that include two or more level shifting or amplified level shifting circuits. The electronic assembly includes a first substrate having an integrated circuit formed therein and a second substrate. The sizing of repeaters on a substantially parallel portion of another transmission line, is chosen to propagate a second signal transition at a different rate.

1459826511-cf8b1329-c344-4e1d-b231-4dfaaee53f87

The object of the invention is to perform a constructive exchange of information between a user and a provider of products in virtual reality. The light-mark can have a size, as measured along a major axis, of greater than or equal to about 10 micrometers. In addition, 'Frosty' produces more lateral limbs on the tree terminal resulting in thicker branches as compared to a typical Fraser fir. A thick insulator layer is then deposited in the trench such that the film at the bottom of the trench is much thicker than the sidewall of the trench. Nonlinear distortion is then compensated using adaptive techniques with a plurality of equalizers that filter a plurality of orthogonal, higher-ordered-basis functions

generated from the forward-data stream.

1459826512-94db64a1-257d-4c7a-8020-be13dca9b8bf

A microcontroller comprising a central processing unit and a further fault processing unit suitable for performing validation of operations of said central processing unit. Propagating wave electromagnetic sensors monitor excitation sources in sound producing systems, such as machines, musical instruments, and various other structures. The multiplexing module combines the data from the various data streams received by receiver module into a single stream of chunks. The invention uses a novel data structure for recording destination addresses in the sequence of on-chip memories, having the property that moving information about destination addresses, or otherwise responding to changes in network topology is flexible, while at the same time maintaining relatively dense usage of the on-chip memories.

1459826512-9d96c6e2-fc6b-4a52-9a78-e10af35cfe12

Systems, methods, and apparatus are provided for determining relevance of documents to queries. R is selected from the group including strontium, calcium, magnesium and zinc and combinations thereof. Alkaline hydroxide reacts with decomposition products in the crystallization unit. 0 kJm<sup>2</sup>, and an elongation of 400% or less. In an embodiment, scripts are generated to perform export and/or import functions.

1459826512-adf5a607-aea8-42eb-9cab-e622bbe33c1a

The present invention relates to novel compounds, in particular novel pyridinone derivatives according to Formula wherein all radicals are defined in the application and claims. An event indicating that the material has stopped impacting the surface of the vehicle is detected. An assembly is created such that the slope of the upper edges of the reducer drain members is not parallel to the drainpipe axis, allowing the upper edges of the reducer drain members to correspond to the slope of the ground surface. When a processor of the handheld electronic device detects one of the navigational inputs, the handheld electronic device outputs an audible sound in the form of a spoken word of the digit that corresponds with that navigational input. Moreover, the present invention can be used to demonstrate the features of ground station application systems.

1459826513-6ccfe0a4-09ee-4bd1-9d72-89e2c4b85b60

A surface repair patch for closing an opening around a fixture which is adjacent to or protrudes from a surface is provided. At a fine grinding step, the grinding point can be cooled with a small quantity of coolant in so far it is reliably supplied to the grinding point. The high temperature developed during this combustion heats the zirconium nitride to a temperature well above the heat treating temperature, thereby causing the zirconium nitride to be transformed into a new post-HT layer including zirconium oxide that is scratch resistant and durable.

1459826513-6e200433-409e-4ade-b25b-2220980395e7

A modular and scalable Matrix-type Fault Current Limiter that functions as a variable impedance device in an electric power network, using components made of superconducting and non-superconducting electrically conductive materials. Upon the failure of an internal component of the protective device, the spring driven lockout mechanism is released by I<sup>2</sup>R thermal action which causes a resistor to burn in half, or in the alternative, to melt solder mounting the resistor, thereby eliminating the hold-off and locking out the reset mechanism. In a preferred embodiment, the aqueous KGS solution is concentrated up to or beyond the limit of solubility prior to the esterification process, preferably by catalyzing a homogeneous or heterogeneous catalyst, especially sulfonic acid, at temperatures of 50 to 120°C. A field plate extends from the top of the gate electrode down one side of the gate electrode as far as the sub-insulation film covering the gate insulation film, filling the opening.

1459826513-6fabbcf8-f16a-400d-b2bb-e6b316b69fb7

System and methods for facilitating the settlement of financial accounts across different entities utilize a host computer system that tracks financial transactions made at each merchant location or store and uses this information to reconcile accounts across different entities. The screw part has a helical member with an outer end capable of penetrating the rear face of the panel when rotated by an elongated drive rod projecting from the outer end. This compound also has little, if any, calcemic activity and therefore may be used to treat immune disorders in humans as well as renal osteodystrophy.

1459826514-1ba964fd-f799-4d0a-aed0-eb69fc0f0d01

Embodiments of an invention for using a processor identification instruction to provide multi-level processor topology information are disclosed. The polymeric powder includes a polymer curable under the influence of electromagnetic radiation. The physical system create the environment for the packaged product, controls the environment of the packaged product, enable distribution of the packaged product, monitor and log the data from the environment and of the packaged product. Alternatively, the catheter may include a tubular body having a first opening and a second opening. Each stage also has a FET load driven by the logic gate and electrically connecting to a third independent voltage source.

1459826514-8b9af8e5-6289-4cf1-8501-0bfe0cfe3545

An elongate mesh pack for filtering a fluid defines a mesh pack axial opening. The hospital bed includes a plurality of siderails configured to extend the width of the deck. Current information such as defect information and test case information associated with the at least one current software testing project are received. The respective planes to the dot merger unit may include three contone color planes and a bi-level spot plane and the color mask register may be loaded with bits that are selected to split a K plane into C, M, and Y channels for output to a print head without K. The approach includes a step of detecting whether a computer system is coupled to a packet switched network via the first communications line and if the computer system is coupled to the packet switched network, a step of concurrently enabling voice communications over the first communications line using a first voice telephony device coupled to the computer system. A semiconductive polymer capable of luminescence in an optical device is provided.

1459826514-9bccd726-79da-436d-b3e6-1b409a6a366f

A gas turbine engine includes a compressor, combustor, and high pressure turbine operatively joined together. The system includes a base for selectively retaining a portion of thread, a clamping device for receiving a first end of the thread, a tensioning device for receiving a second end of the thread, and a weldingcutting assembly configured to join a first section and second section of the thread to form a loop and to form a tapered end on the first section of the thread. The non-defective column of memory cells is proximate non-defective column of memory cells following the defective column of memory cells in the sequence of columns of memory cells that is available to replace the defective column of memory cells.

1459826514-a6169702-b9c2-423d-a3d4-e6e6d195167f

A non-volatile memory system is formed of floating gate memory cells arranged in blocks as the smallest unit of memory cells that are erasable together. The balls are disposed in axial grooves of the inner shaft and in axial grooves of the outer shaft. The first gate structure and the second gate structure each comprises of a dielectric layer, a first conductive layer and a cap layer.

1459826515-68d70371-2cae-4801-bd1d-a02fe5777e92

In a wavelength converting method, an ambient that is in contact with a surface of a non-linear optical crystal from which wavelength-converted light is outputted is a gas that is lower in content of nitrogen than air. Each memory cell may include a

plurality of transistors coupled in a cross-coupled inverter configuration. The bus module communicates, through a signal bus, details with respect to the predefined destination story of the person or item or details with respect to the access authorization of the person or item to the zone. ; wherein the ratio MFRIMFRII is from 5 to 60; and B) 10%-50% of a copolymer component of ethylene and at least one C3-C10 \u03b1-olefin, containing from 15% to 50% of ethylene; said masterbatch composition having a value of the intrinsic viscosity \u03b7 of the fraction soluble in xylene at room temperature equal to or higher than 3. The first electrode surface and the second electrode surface of the second electrode are at generally the same distance from each other, over their extension. The levels of IgM-type anti-GlcGlc or GlcGlc or GlcGlc antibodies in serum act as diagnostic markers for MS disease and as prognostic biomarkers for the conversion of CIS patients suggestive of MS to clinically definite MS within 24 months.

1459826515-6efb8e32-c79c-41fe-9cd2-a2ebbc28514e

Disclosed are systems and methods for protecting secret device keys, such as High-bandwidth Digital Content Protection device keys. The various embodiments can protect against unauthorized access or duplication of unprotected content once the content has reached a rendering device such as a user's computer. The linear motor gas bearing has a gas introduced from the motor stack into the recess pocket and flowing between the platen and the bottom face of the stack. This output is connected to the control input of a controllable clock signal generator, which provides the clock signal for the at least one circuit unit.

1459826515-a40d14e4-fc70-4261-88d5-2746e0742f31

Method and system aspects for authenticated communication of messages among computer systems in an insecure network are described. The method includes: forming a chamfered mandrel on a substrate, the mandrel having an angled surface; and performing an angled ion implantation to obtain an implanted shadow region in the substrate, the implanted shadow mask having at least one sub-lithographic dimension. When accessing the removable storage medium, a user is required to input a password, the inputted password is compared with a predetermined password, and if not coincident, access is inhibited, and further, if coincident, it is permitted to access only one part of an area of the removable storage medium. A first induction receiver is spaced apart from the transmitter and is adapted to measure the induction field.

1459826515-db9e3b98-2928-4834-966d-ec4af556e189

A method includes executing, in each of a number of nodes of a cluster communication system, a specialized instance of an operating system privileged to control a corresponding hypervisor configured to consolidate one or more VM on a system hardware. When in use, the apparatus functions to prevent the soccer goal from being moved, thereby, making it considerably safer and more sturdy than an unsecured soccer goal. A seal material arranged along the periphery of the pixel region. If not all of the orthogonal codes are in use, the present invention determines another selection of orthogonal codes that yields lower cross-correlation under current delay conditions.

1459826516-194b350b-5e6e-4d26-8cf9-ed2a3492e02e

An information processing apparatus is presented that includes a first determination unit which determines whether a processing target frame is a frame of a predetermined type and a second determination unit which determines whether an interval between the frame and a frame of the predetermined type located temporally nearest in the forward direction, exceeds a predetermined frame count. The DNA encodes a protein that may exist as either a heterodimer or homodimer. A process to make the light base oil fraction, comprising hydroisomerization dewaxing a waxy feed in a series of two or more reactors, and recovering the light base oil fraction having a low wt % Noack volatility. Hybrid maize seed, plant or plant part produced by crossing the inbred line PH907 or an introgressed trait conversion of



PH907 with another maize line. A request handler can receive service requests for processing jobs, process handlers can identify tasks to be performed in connection with the processing jobs, and task handlers can perform the identified tasks, where the request handler, the process handlers, and the task handlers can be distributed across a plurality of networked computers. The relative movement in certain direction of the frames may be limited during the relative rotational movement of the frames.

1459826517-ac241248-8cac-4f0e-93d9-25ed4458c5ab

A liquid prime mover can be used to position a component on a substrate. A method of treating a well in a cementing operation comprises pumping the spacer into a well ahead of a cement slurry, thereby minimizing or preventing commingling of drilling fluid and the cement slurry. A joint seating device is provided on an upper end of the central column and a swivel arm is arranged in a pivoting manner about a horizontal axis of the joint seating device. The NSRF value is calculated as  $\text{equaling ZWLM slack value}$ , where ZWLM is a Zero Wire Load Model value of timing wherein all wire parasitics are removed from consideration in the timing. As each membrane on the outer surface of the chordboard is pressed, an electronic circuit is closed activating a solenoid driver.

1459826517-aee78a24-361f-4908-b411-e28b22099386

Pyrimidone compounds of formula :are inhibitors of the enzyme Lp-PLA2 and are of use in treating atherosclerosis. The trailer is provided with wheel assemblies that can be moved longitudinally on the trailer's frame to adjust the load on the tongue of the trailer and is provided with rails that can be adjusted in width for receiving the pontoons of boats with different pontoon spacing. A system in accordance with a present invention includes a host device and a fuel cell apparatus with an information storage device. The information processing device is equipped with a first write request section that requests to write data in the first storage device according to a first communications protocol, and a second write request section that requests to write data in the second storage device according to a second communications protocol. A shaft weight is not larger than 55 g, and a torque value is not higher than 6.

1459826517-c84c5a93-6bcd-4180-ae97-9dbda6a4d9b4

Instead of buying blanket licenses for all licensable components of its CE devices, a manufacturer enables users to activate licensable components on a device basis and then obtains the necessary licenses individually. 55H as measured vertically from the distributor plate based on the first determined level. Ventilation openings allow airflow and can be formed to be both functional and decorative. And, said metadata use permission judgment judges the metadata use permission based on the metadata provider identified in said first signer identification information, said second signer identification information, and signature verification. Each direction angle of the deflecting element is determined such that a final beam trajectory in the predetermined area before being introduced into a wafer substrate is matched to each other in both an operating mode and a non-operating mode of the deflecting elements. The sensor system has a positioning device with which at least two sensing positions for the sensing system can be set and adjusted.

1459826517-e32f6543-4bf2-4191-90e5-2d45d61880d5

A system that facilitates generation of data that can be employed in connection with training a classifier. The base includes main ribs in the form of grooves that are open towards the outside and extend approximately radially, passing through an annular zone that forms an approximately flat seat by way of which the base can rest in a stable manner on a flat support. The base, the upright form, and the plurality of rails cooperate to define a plurality cavities in fluid communication that shape and allow sufficient curing of a combination of fluid concrete and concrete reinforcement to form a retaining wall of a selected configuration. Between the two cores is a substantially constant voltage when the actuator is in

the second state. Alternatively, the ultrasonic energy may be generated intermittently.

1459826518-d4591eca-e795-4539-afdf-d76a0812c09a

A surgical instrument includes a main unit and a suction conduit. The artificial annulus is formed by inserting a tool into the coronary sinus, and adjusting the tool to force the wall of the left atrium to form an annulus above the artificial valve, this locking it in place and forming a hemostatic seal. The programs include video, audio, data and so forth that are subjected to data compression in digital broadcasting.

1459826519-dafba22f-4028-4285-b233-cfeea6b98029

A device for determining the absolute angular position of a turning device with respect to a fixed structure, including an encoder provided with a main multipolar track and a multipolar track called \u201ctop turn,\u201d and a measurement means. The second direction is different from the first direction resulting in a bend substantially at a selected position of the at least one carbon nanotube, the method of producing carbon nanotubes providing the production of the at least one carbon nanotube having at least one bend substantially at a selected position along the at least one carbon nanotube. Additionally, a second dielectric constant measurement is used to determine the source fuel level of a fuel tank providing source fuel to the fuel cell. The PV cells can be interconnected between the conductive spacers. A pressurization limiting means is provided in the wheel assembly for limiting an operation of the pressurizing means in accordance with a pressure of the air inside the tire. The bottom images are detected at the imaging location.

1459826521-8601c5bb-3124-4c4f-ad3f-1f2d8a7f97ee

A novel product composed of a ceramic phase particle dispersoid in metal, including uniformly distributed, finely sized carbide phase particles formed in situ in a molten metal and a novel method for producing such a ceramic phase particle dispersoid in metal are disclosed. A zero-sequence voltage is generated for each phase of a three-phase voltage command according to the index and the voltage command and the operating mode of the inverter drive, thereby injecting the zero-sequence voltage into the voltage command with a feed-forward configuration so as to fix the voltage command. A body region is disposed between the source region and the drain region and overlying the insulative layer. A moving-side electric wire is arranged on one of the sliding door and the vehicle body, and a fixed-side electric wire 3b is arranged on the other of the sliding door and the vehicle body. The instructed program is displayed on a display. The recording layer contains at least one particular polymethine pigment selected from polymethine pigments having 1 to 4 carbons in the methine main chain, so as to obtain a sufficient recording sensitivity for a red wavelength range of light.

1459826522-4c48a861-8309-4684-bd66-4849007be872

This invention relates to a method for the natural topical treatment of portions of skin of a person afflicted with a skin disorder such as dry skin, eczema, itchy skin, red skin, itchy eczema, inflamed skin, and/or cracked skin for the removal of itch and the restoration of the affected areas of skin to a normal condition. ROM cells are located at the intersections of stripes in the surface SOI layer with orthogonally oriented wires on a conductor layer. If the membrane is torn, the carrier in the background can then easily be detected. The video data stream is then synchronized to the adjusted audio stream. A channel widthlength ratio of the first thin film transistor is different from a channel widthlength ratio of the second thin film transistor. The film valve includes a base layer made of glass fiber and having two opposite side surfaces, and two wear-resistant coating layers applied respectively to the side surfaces of the base layer.

1459826522-dcbfde57-989c-4d36-9f46-302869845976

A method and system for the protected storage of downloaded media content via a virtualized platform. The electrode also includes a seat formed in at least the exterior surface of the unitary ring. Each of the first lens, the second lens, and the third lens includes an aspheric optical surface. The accumulator may include a receiving surface to receive the sod roll from the transport conveyor. Thus, the silicon nitride does not cover the silicon oxide adjacent to charge storage regions of the memory cells, which can improve device operation. The specific wavelength of light is the result of the spontaneous transition of photons.

1459826523-494515c9-9e64-4bf3-98bb-623cff3e44d1

There is provided a technology for realizing an PCI expansion adapter for a PC card which is connectable to a desktop type personal computer PCI expansion connector using a low profile PCI. The first support member having a first side, the second support member having a second side. Each offer includes an offered price and an offered quantity. For ease of retrieval and use, each reference image has its associated Z-plane images are formed in a stack that is sent over the Internet, or Intranet to a local computer storage for quick retrieval when a viewer wants to mimic a focusing up or down to better view a detail in an image.

1459826523-a137879b-ffd6-43da-9a31-1eff2afdbf8d

This invention discloses a communication device to facilitate the communication abilities of speech-impaired individuals. The playback unit is displaceable by means of a worm gear and can be locked in several positions. The method includes analyzing one or more backhaul uplinks and one or more backhaul downlinks between a controller and one or more Base Transceiver Stations. In one form, the CVT includes a pair of rotatable countershafts mounted to pivot relative to one another. The ballot may be printed on demand or mailed to the voter along with a return envelope and an anonymous ballot envelope.

1459826523-bbca3c5c-1abc-430a-baf5-dc06cd2ffcd8

A method and apparatus for detecting the launch position of a projectile is described. The extensive device includes a rod, a polygonal sphere, a socket and a retaining element. The ends of the cut lines turn into the picks. The first voltage is approximately equal to the first reference voltage and tracks process, temperature, power supply voltage and biasing condition variations.

1459826523-e33974c2-a6bb-42d4-b093-9d26e7402212

A method of manufacturing a shell element for an electronic device, said shell element having a front part and at least one part that is angled in relation to said front part. The displacement unit may be moved when subject to an external force to move the conducting units moving to either side to press the connecting unit on one side to generate circuit signals. A predetermined distance proportional to the radius of a control port separates at least two ports in the work string. The viewer may direct the program guide to order a given video-on-demand program, and set a desired broadcast time for that program.

1459826524-b42c0f5e-82cd-470b-9870-54955f747139

An image sensor having a photo-detector and a reset contact that are electrically connected by a discharge path disposed between the reset contact and the photo-detector. A version of software running on the computing device is identified and compared to a version of the software in a recipe that is previously determined to be a correct version of the software. The semi-solid material is configured to transfer electric current from the rotating member to the non-rotating member. A torque mechanism is located between the handle mechanism and the closer and selectively transmits torque in the closing direction and the opening direction to the closer.

1459826525-8a927a58-fb27-4d40-bd7a-f16bf347bb09

An anti-seismic device is adapted to absorb the vibration energy of a structure,

and comprises a plurality of vibration-reducing units, each of which includes a mass, a hydraulic cylinder, and a resilient element. Source and body regions of opposite conductivity types are formed, with the body regions separating the source regions from the drift regions. One output delay line is configured to provide gradient elements. Thus, captured objects may be released by the operator, or by applying sufficient force to separate one or more of the prongs.

1459826525-942cea0b-259a-4e3f-ad51-3d18e50fdb53

Non-volatile memory devices and methods for fabricating non-volatile memory devices are disclosed. The method includes the steps of providing at least one opening in a face of the solid surface and inserting a plaque support into the at least one opening. The device may be the external defibrillator itself, or a separate testing device. Gold is electroplated into a photoresist to form a first set of 3-D capacitor elements on the second gold seed layer. When separated, the bottles and jar can rest on a flat surface, or be readily held in one's hand, such that the bottles and jar can be used independently of each other, in any sequence or order, without danger of spillage or contamination.

1459826525-b647839d-0abf-4691-9923-875c9bfd425c

A soybean cultivar designated S090246 is disclosed. The attachment member is movable to a first position, in which the attachment member generally extends from the elongated housing in a direction parallel to the longitudinal axis, and to a second position, in which the attachment member generally extends from the elongated housing in a direction perpendicular to the longitudinal axis. The metallization layer as well as the electronic component is embedded and packaged while the substrates are laminated via a lamination process. Responsive to successful completion of one or more tasks related to the electronic message, the address of the electronic message is deleted from the associated queue, and responsive to completion of all tasks related to the electronic message, the electronic message is deleted from the message store.

1459826526-6ee8c61f-87df-408f-8333-ceb659aad778

Various systems and method for distributing electrical power are provided. The first and second program binaries are disassembled using the translated symbols. The input data word being compared with a respective stored data word to detect a match that is indicated along a match line by the check array structure.

1459826526-c77d263d-45b0-43bc-a06b-a8e55d487a47

A system and method for applying for a credit card, preferably at a point of sale, is disclosed. A support arm is mounted to the second rotatable mechanism a support tube receives therethrough at least a part of the distal length of the fluid tubing and a bearing member rotatably supports the support tube in the support arm whereby upon rotation of the first and second rotatable mechanisms the fluid tubing is free to one of rotate with and rotate relative to the support tube. A sample set of pair-wise preferences among a subset of the alternatives is obtained and a model of preferences is generated by iteratively generating a set of candidate models and evaluating the candidate models using a fitness measure which is based on the sample set of pair-wise preferences. The steerable trailer allows a user to control the trailer steering independently from the tow vehicle and adds up to two more points to steer more accurately and safely in close areas, for example. The reflector defines, together with the transverse fins, a plurality of elements set alongside one another of a generally parabolic shape.

1459826527-5584fafb-8f36-43c0-a273-0e322626dfb5

A device positions a bottle close to the user's mouth, while automatically returning the bottle to a more upright position when released by the mouth. The pumping voltage is a function of an amplitude of the at least one clock signal such that an absolute value of the pumping voltage is larger when the amplitude of the at least one clock signal is larger. The channel supplying layer may include a

second oxygen treated region that extends from the first oxygen treated region towards the drain electrode, and the depth and concentration of oxygen of the second oxygen treated region may be less than those of the first oxygen treated region. A matching and attenuating circuit reduces impedance mismatches on the input terminal side and the output terminal side, and attenuates the radio frequency signal.

1459826527-6b008956-c359-4e14-b1f4-15bc060166f5

The present invention, relates to the preparation of a patch antenna with a specific effective dielectric constant; and a reduced dissipation factor. It has been found that reliable operation of the soot filter is possible only if an active regeneration is carried out from time to time by increasing the exhaust-gas temperature to the soot ignition temperature. A building comprising a building component coated at least in part with such a polyurea is also disclosed, as is a substrate coated at least in part with such a polyurea, wherein the ratio of equivalents or isocyanate to equivalents of amine groups is greater than 1. Network selection is performed according to the network selection list stored in the UICC and the network selection list stored in the ME. An operation method includes measuring a temperature of a refrigerant into the evaporator, and a temperature of a refrigerant into the compressor, and decreasing an open degree of the variable expander when a temperature difference between the two measured temperatures is less than a predetermined first value.

1459826527-730cd758-e502-4e01-8ee7-6f9a0dc33cf9

Signage is presented comprising an in-mold plastic plate portion having a slot. The secondary battery is in a form of a thin battery having a larger width than a thickness, and two opposing surfaces of the secondary battery are composed of a first flat surface and a second flat surface. The base plate being substantially planar having three parallel plates, which is placed in two planes, where the first and third plate is placed in one plane, are arranged on either side of the second plate, which is placed in the second plane, and where the two parallel planes define a space between the two planes to obtain one of the plates of the uniting plate. At least one harmonic in the combined output may be at least partially rejected. Further, the electronic storage medium may be identified using the tracking identifier on the electronic storage medium in order to afford authorized use of the information contained on the electronic storage medium.

1459826527-7a19d733-547f-4d21-83a5-0dd20787313d

In a gas-phase treating process of a semiconductor wafer using hydrogen, there is provided a technique for safely eliminating the hydrogen in an exhaust gas discharged from a gas-phase treating apparatus. The first voltage generating circuit generates a second voltage, a voltage level of which is lower than that of the first voltage. The method further includes determining a content type to be sent to a mobile device based on preferences provided by the user. Associated methods performing the sensing and eradication of the obstruction including purging and deicing are disclosed.

1459826528-21b594a7-9f2f-400f-8531-72a7aeb38514

A synchronization method of a plurality of digital image signal processors when the digital image signal processors are to be operated simultaneously. The cores of the D-fibers are held in close proximity to one another at opposite sides of a thin evanescent coupling region that is fabricated from a doped semiconductor based material. The belt tensioner further comprises a cavity between the arm and the support member and a bushing comprising a bowed flange positioned in the cavity. The restrictions this orientation imposes on rotation allows for the preparation of polar esters that have little or no water solubility, and provide both moisturization to the skin and emolliency by reducing transepidermal water loss. Such tracking can be accomplished using any known technology including the use of the customer loyalty cards that are assigned to specific customers.

1459826528-345ba59e-258e-40d0-bfaa-71f8216a42b8

A method, apparatus, computer program, and system is provided that includes handling traffic management in a communication network system. The system includes a monitoring component, a repository that stores a plurality of rules, and an analysis engine. Molten solder is placed into the reservoir, high melting point metal particles are charged into the molten solder, stirring is performed with the stirrer to uniformly disperse the metal particles in the molten solder, and then the molten solder and dispersed metal particles are cast into a mold. The second interlocking circuit couples with a third switch and a fourth switch, controls whether to conduct the third switch according to the logic levels of the first signal, the third signal and a fourth signal, and controls whether to turn on the fourth switch according to the logic levels of the third signal and the fourth signal. This allows PRT to be mapped onto deforming models which re-orient the local coordinate frame. The ultrasonic flow meter includes a first ultrasonic transducer disposed about a fluid flow path, and a pressure balancing system configured to pressure balance the first ultrasonic transducer relative to a fluid flow along the fluid flow path.

1459826529-9db1eee4-3615-4bef-9965-1afcd47f6014

A structure for attaching a striker, having an attachment bracket including a base fastened to a panel, and a protruding portion joined to the base. In the hydrated state the microparticulated protein component particles have a mean diameter particle size distribution ranging from about 0. The secondary combustion system includes an injector for transversely injecting a secondary fuel into a stream of combustion products of the primary combustion system.

1459826529-acd1b3ac-1ecf-4218-a2da-150d79d79427

There is provided an aldehyde oxidase gene which is a 4. A plurality of the die packages are formed on a single carrier by applying a body of molding compound across a carrier with an air cavity defined in the molding compound about each of a plurality of device regions of the carrier. Additional circuits and systems are disclosed. The foldable card guides incorporate spring-loaded bullet pins and radial locators at the points where they are pivotally attached to the connector housing, thereby allowing them to be locked in either an open or closed position.

1459826529-b4eab3bf-cb9e-4d8f-b790-163d334b51e7

A ramp bracket for a curtain airbag is constructed so that an open space between a front and a rear is divided into two portions, that is, an upper chamber and a lower chamber by a partition, and the front and the rear are separated from each other at an area defining the lower chamber. The first comparator has a first input that is coupled to a first reference voltage. The mesoporous zeolite material according to the invention displays both the catalytic properties associated with zeolites containing strong Brnsted acid sites and the large mesopore surface area associated with mesoporous molecular sieves. In order to solve this problem, the epilator has a hair removal unit following the epilating unit in the direction of use, such that, in at least one operating mode, the hair removal unit removes the hairs that have not been pulled out by the epilating unit.

1459826530-4c38893c-8c49-4e69-a24c-ad32993e4f6e

Aqueous coating solution having a pH of from 3 to 8, comprising 0. In addition, the device includes a fastening device for fastening the curtain in the aircraft passenger cabin. A Link-Status-Notice message detailing at least one phone client associated with the client-link failure is sent from a primary telephony server to a secondary telephony server via a server-link.

1459826530-be15706e-b2cc-459a-8dc8-9a1c640cf09e

Novel antagonists of MCP proteins, in particular of MCP-1 protein, can be obtained by generating MCP mutants whose GAG binding site, located at the N-terminal of MCP

proteins, is eliminated following non-conservative substitutions. A cylindrical end face at one extremity of the primary transformer component is positioned on the bottom plate of the primary housing opposed to the secondary housing, and the printed circuit board is provided on an opposite cylindrical end face which is at the other extremity of the primary transformer component. The cage frames are optionally also provided with lifting bar guide collars to receive a lifting apparatus comprised of one or more lifting bars. In accordance with a measured result, a control signal is sent to a driving mechanism of the feeding collet to drive the feeding collet, and the position of the semiconductor laser element is adjusted on the matching stage.

1459826530-eff30b9e-1d3e-4d0e-b7c5-7a8943edba9f

A donor element is described for use in a thermal imaging process. A supporting leg section is attached to a predetermined position of the main frame to support the main frame in a substantially horizontal orientation at a predetermined height. An insulating layer, a semiconductor layer, and an ohmic contact layer are formed over the substrate to cover the gate line, the gate electrode and the pad. A first content affinity is calculated between the first sub-volume and a third sub-volume, and a second content affinity is calculated between the second sub-volume and the third sub-volume.

1459826531-061c26c6-033c-4ffb-9218-cb8b1a1bab72

An electronic cigarette atomizing device is provided. Credit limits are adjusted by calculating the exposure in each currency at the relevant time and then converted into the credit limit currency equivalent. One nodal point is positioned as close to the read-write head as possible at one end of the actuator, and the other nodal point is positioned at the center of the active legs of the VCM coil at the other end of the actuator. The string-to-string edits allow conversion of one arbitrary length character sequence to another arbitrary length character sequence.

1459826531-283c58d2-4544-4704-8bee-9b0771b588e7

A LED includes a red light emitting unit, a green light emitting unit, a blue light emitting unit, and an optical grating located on a same plane. The plastic feed is maintained in a heater at preferred temperatures of 150 C. Each chord of the supporting legs is inverter driven to ensure a bi-directional full rated torque control of the associated pinion assemblies at very low speeds. The gain stages are inverter based gm stages and the total gain of the receiver is 35 dB and in-band IIP3 at mid gain is +10 dBm.

1459826531-7007ab88-10e6-42cd-aa4c-9ada7e798ab8

A cathode active material for a battery includes a material of the formula  $MgxMn_{204}$  wherein  $0 \leq x \leq 1$  and the material has a crystal structure having an open channel formed in a single dimension or along a single dimensional axis. In one embodiment, the method includes forming a first edge along a first cellular core panel section. The method involves starting to scan an element of the said multi-element detector synchronously with a sampling signal based on a reference signal of an interferometer, and scanning the element at a higher frequency than a sampling frequency of the sampling signal. The resultant gated signal is low pass filtered to produce a second fully demultiplexed signal. The cap has an aperture cut into it through which the cable passes.

1459826532-4a1dfbf4-77ae-4d9f-ade4-90aa0f445545

A system including, a mineral extraction component, a conduit fitting coupled to the mineral extraction component, a floating seal insert disposed in the conduit fitting. Then, the current frame data and the preceding frame data are added up in a correction circuit and the result is subjected to an overdriving processing. Once a location is determined, a database of satellite radio advertisements is searched to identify advertisements directed towards a specific location, and these advertisements are transmitted to the satellite radio receiver across a satellite

radio network. There are no restrictions on node types, and thus nodes may represent graphic objects, rules, attributes, properties, behaviors, finite state machines, and any other user-defined component. A nano-object array can be created by exposing troughs in a corrugated surface to nano-objects and depositing the nano-objects within or orienting the nano-objects with the troughs. The alumina-containing raw material contains from about 40% to about 55% alumina.

1459826532-74605198-1fc8-4766-bd8f-dbd20b9afabb

An improved storage system includes a plurality of individual storage units enclosed in a secured perimeter with security gates for entry and exit. The refrigerator and refrigerator door include a transparent member provided behind an exterior member defining the exterior of the refrigerator, a light emitting member provided on an extending line of an outer end of the transparent member to radiate light toward the transparent member, and a diffusing portion formed at one side of the transparent member. The printing control apparatus also includes a generation unit configured to generate an input screen for entering a value of the charging destination of the job if no value is set to the charging destination of the job or that an invalid value is set to the charging destination of the job. The invention also provides a method of preparing hydrophobic surface-treated silica particles. A pickup gear rotates interlockingly with the passive gear, and a second link is provided, with one end rotatably installed on the rotation shaft of the passive gear, and with another end coupled to a rotation shaft of the pickup gear.

1459826532-f035e3e2-c675-46c8-be5a-8a0a9d513cbe

A demodulator for processing a PWM signal includes a variable capacitor, a charging unit, a discharging unit, and a tuner. The switching element may be formed on the insulating substrate in a pixel region defined by gate and data lines adjacent to each other. A charge trapping layer and a third insulating layer are formed over the substrate. The present invention asks the suspect questions that only the legitimate computer account owner can verify correctly. Rather than updating the control signals directly on the sampled sensor data  $y_k$  as it enters the computer, the control computations are done on the harmonic components  $a_k$  and  $b_k$ , or equivalently on the magnitude and phase.

1459826533-910e2c95-09d1-4f7e-a8a0-2bf8bfd1b121

A flat panel display comprises the following components. The system includes a printer for generating literature associated with each order and a packer for packing the prescription containers and the associated literature into a package. The plate precludes gripping of the cutting edge of the knife and a pivoting mechanism for the plate is coupled to a switch. The temporary artifact and the latest version of the first artifact are merged to create a synchronized version of the first artifact. The endless link defines an opening and is located in the slot so that the opening intersects the channel.

1459826533-a0cb1a22-3c7e-4e55-9e23-512cf03e81c6

A logic state transition sensor circuit. In some embodiments, the apparatus accelerates a mass using mechanisms built into the tool and causes the mass to strike the borehole wall. A series of result signals from the sense amplifier indicates when the bit line voltage is approximately equal to the reference voltage.

1459826533-b0401cc7-60f4-4acb-8167-7df8cade1b51

A system and method of managing assets on a distributed grid enabled network. The catheter body includes first and second deflection wires that extend through the catheter body from the distal end of the catheter body. The towel dispenser may include a motor for driving dispensing of the towel from the housing and an associated sensor.

1459826534-16d9ef3d-c077-403c-9f0a-53cee372786b



A process is managed by creating a future revision of a base. The conductive substrate is configured to form a conductive path of the electrical connector. The surface of a circuit board is formed with a control circuit and a base conductor portion electrically connected to the control circuit. The integrated evaluation and simulation system includes a user interface operably coupled to at least the computer system to selectively input data into the causal network model and receive information from the causal network model and at least one virtual simulation system. With this mechanism, a predetermined set of properties is collected from the GUI object that is subject to the test script and for which the lookup of the runtime control failed. Impact-absorbing members made of a polymeric material are mounted in pockets contained in the pivot support structure of the snow plow blade support structure, and portions of the snow plow blade frame impact the impact-absorbing members prior to the snow plow blade reaching either a tripped position or a trip return position.

1459826534-20c88f19-2680-40ba-bc72-67f2ea001610

Busbar assemblies are disclosed. The first end of the arm is pivotally attached to the base. In the structure of the lead-frame matrix of the photoelectron devices, pins of the first lead-frame array and pins of the second lead-frame array are alternatively inserted. Also, a pressure difference is positively generated between the inside and outside of the motor. and less than the melting point of the PTFE film for the range of 5-120 minutes. A scaling factor is simultaneously updated according to the adjusted length of the image capture area.

1459826535-04fbb38a-f924-431e-8c30-e9224c443d70

A method and system is disclosed for dynamic adaptation of reverse-link power control based on the distribution of ATs implementing different protocol versions. The probe includes a solid core surrounded by a sense coil. The invention further relates to genetic complements of plants of variety CH042217.

1459826535-0b0ef7fe-145e-4c71-b097-f9772fec146b

A fiber optic cable having at least one optical fiber such as a microstructured bend performance optical fiber disposed within a protective covering. The present invention includes a blank or a container including a bottom panel with first and second bottom sidewall panels, front and rear opposing wall panels, and first and second box corner locking constructions. The frame is principally covered by the cover body and comprises a hinge, wings that swing about the hinge to open and close the protective cover, and fastening means at free edges of the wings. The compounds of Formula also include prodrugs of the Notch inhibitor compounds. The crystal comprising the two components, and minor amounts of water, shows improved properties such as crystallization behavior stability and decreased hygroscopic behavior.

1459826535-b57753c5-ae46-4f9b-9ddd-50e7c80e6f33

Single horizontal wells drilled through heterogeneous reservoirs are capable of greater oil productivity than vertical wells, often with lower produced GOR with WOR. A user interface is connected to the lead-lag input filter and enables an operator or other control personnel to view and change the operating characteristics of the lead-lag input filter to thereby provide the control loop with any of a number of desired response characteristics. The first layer comprises a first metal line. The characteristic is selected as being representative of the transition from the expired airway phase to the alveolar phase. Methods for their manufacture, and their use in assembled transformers are also disclosed. The width of the retainer is preferably greater than the length of the shank so that once attached, the end of the shank is below the endface of the retainer.

1459826536-0e184a05-3308-45c6-8575-4536a48edca6

Methods of and systems for illuminating objects using planar laser illumination beams having substantially-planar spatial distribution characteristics that extend

through the field of view of image formation and detection modules employed in such systems. In one implementation, the device may include a first interface to a power-over-Ethernet connection and a second interface to provide a connection to receive fiber optic cabling. In another arrangement, the motorized wheelchair includes left and right drive wheels, left and right motors, first and second rate-of-turn sensors, input device, and controller arranged to combine signals from the sensors and input device in a manner that controls the motors using an integrated turn rate error.

1459826536-2e830b9d-6b36-442e-8aed-4d7e1e5b7720

A resistive memory device and a method for manufacturing the same are disclosed. The supporting member is configured to, while holding the developer container, move between a light exposure position where the light exposure member is located proximate to the photosensitive drum and a separation position where the light exposure member is separated from the photosensitive drum while the supporting member holds the developer container. By a proper selection of the monomers and their ratios in the polymerization, the emissive polymers covering the full visible range even extending to the near-IR range can be prepared. In a communications system the measurements may be associated with a handover. Accordingly, in contrast to conventional techniques, a significant amount of computations or bookkeeping to track of several other variables are not required. A fixing element fixed in the receiving recess has a damping plate punched outward beyond the lateral wall.

1459826537-5db13beb-d056-40b0-96a3-5f15bdc5976c

A method of forming a discharge lamp and the resultant discharge lamp include providing an arc tube having first and second ends offset from a central arcuate or curvilinear portion of the discharge chamber formed between the arc tube ends. In the earth metal fitting 27, two sets of cylindrical-shaped portions 26 are separately arranged in an interval, and a floating portion 27a is formed. When driving the first or second pixel, two of the scan lines are turned on at the same time, and the two turned-on scan lines are positioned at two opposite sides of the driven first or second pixel. The first and the second heat dissipation paths are in communication with each other and are exposed to an exterior so that heat generated by the receptacle power contact and the plug power contact can be dissipated therethrough. The compound or a salt is useful as a ligand of inositol-1,4,5-trisphosphate receptor.

1459826537-b04a5602-ab29-4e7f-b2eb-0bb07eb6cda0

An improved method of manufacturing active matrix displays with ESD protection through final assembly and in process testing and repair capabilities. Trenches disposed penetrating the semiconductor layer of the second conductivity-type form a planar striped pattern; and a gate electrode is disposed therein through a gate insulation film. The tether is attached to the portable article and a support so that the portable article is movable relative to the support and confined in movement relative to the support by the tether within a range dictated by the length of the tether.

1459826537-d5404c37-8b2f-48e2-94f8-634437fa5092

A hernia repair device includes a surgical mesh configured to extend across a tissue defect and a plurality of filament loops coupled to the surgical mesh toward an outer periphery thereof. The device according to the invention is characterised in that the detection means is disposed and configured so as to be in a predetermined, fixed relationship to the ink-jet printing means and/or to detect at least the distance between the ink-jet printing means and at least one surface to be patterned of the respective workpiece to be patterned, at least during printing. Then, a correction coefficient processing unit performs a processing of multiplying the correction coefficient to the image signal similarly performed with multi-resolution decomposition.

1459826538-4f5c1938-f5af-4148-9880-52adc332be06

A foam control composition comprises a polydiorganosiloxane fluid comprising units of the formula where each group R, which may be the same or different, is selected from an alkyl group having 1 to 36 carbon atoms or an aryl group or aralkyl group having up to 36 carbon atoms, the mean number of carbon atoms in the groups R being at least 1. In this piezoelectric thin-film resonator, at least a part of the outer periphery of the piezoelectric film interposed between the lower electrode and the upper electrode overlaps the outer periphery of the region formed by the upper electrode and the lower electrode facing each other. The delay control element is configured to modify the initial time delay by a selected value and to apply a phase delay in an amount equal to the selected value and at a frequency of the signal. Additional aspects of the invention include disposing a pair of toroids about the current return conductor; disposing a toroid about the current return conductor and configuring the toroid as a transformer. A global row decoder decodes the major rows and a page row driver and a page source driver enable the individual rows and sources that make up a given array. The radio frequency measurement antenna is disposed proximate the fluid chamber and configured to measure an electric field and a magnetic field of the first electromagnetic field.

1459826538-fdb1bb86-da54-4eee-ab0f-87f6ef29adf7

A semiconductor device includes a package and a cooler. Additionally the present invention has a bendable region for easier manipulation of the straws drinking end into one's mouth. An amorphous layer containing the elemental metal and elemental oxygen that constitute the ferroelectric is formed over the titanium layer, and a crystallized ferroelectric thin film is formed by heat treating this amorphous layer. An elongated pusher system formed of several assembled components and extending from the frame to the endoscopic section is provided for individually advancing at least one staple at a time distally for positioning adjacent the surgical mesh and the body tissue. In response, the first vehicle transmits a request for updated second vehicle location information using a coordinating satellite identifier. Then, a characteristic value calculating unit calculates a plurality of characteristic values indicating a state of a ground surface which is the observation target based on the positioned radar image data.

1459826539-1c08deb9-a6e2-43f7-8828-d9e6545025a6

An X-Y digitizer system is described for embedding within a host device, such as a tablet PC, a mobile telephone, a personal digital assistant or the like. The acceleration device resides in a communication path between the iSCSI initiator and the iSCSI target. The radiation signal is modulated by the blocking effect of a chopping wheel or a fixed polarizing filter and a rotating polarizing filter. Direct fulfillment and post-sale transactions such as returns and equipment replacement are also provided. The device has end surfaces that oppose each other when extended, the opposing end surfaces being arranged to be suited to serve as a longitudinal compression abutment while enabling the thus-made hinge to fold back at least in a direction away from the extended state. The innovative structure, allow to all specialized operators to move forward underwater even if the immersions will be made in depth and for prolonged for long time periods, through the use of a motorized propulsion module.

1459826539-6cb5ceb4-8bb9-4991-92a5-aa2ec5f7c064

The present invention relates to Class-D amplifiers, and in particular to bit-flipping sigma-delta modulator implementations of such amplifiers. The inlet end is configured to receive an exhaust gas from an engine. Laws of set theory are applied to the structured database schema data to identify data definition language and data manipulation language scripts that are associated with a particular version of the relational database. The whole preassembled drive means unit is held in position by the mounting aid, although one or a plurality of the drive means wheels of the drive means unit are not installed. In two embodiments the beam splitter has an internal surface including three zones. The standoffs are also used to determine

a preferential tool position.

1459826540-19029a2f-c4a6-4ff3-bec8-0f1455a897d2

A method of marking an absorbent article which has a liquid pervious top sheet, a liquid impervious back sheet, and an absorbent body enclosed there between. The aim of the invention is to be able to replace the casting rolls with minimum mounting, and to simultaneously reduce the thermal load of the casting rolls and the adjacent units. The system and method may be used to provide upgrade information for a plurality of networked computers.

1459826540-75a9514f-0524-4dda-b70a-38a230eea2e1

A gel tray to be inserted into an electrophoresis trough having stop members and a stop plate as well as engaging members to securely abut the plate to the trough body. The ball valve assembly includes a body with a cavity therein and a ball positioned in the cavity with a passage therethrough, and a low-pressure valve seat and a high-pressure valve seat for locating the ball therebetween. The inner circumferential face of the rotor is provided with a magnet 5. More specifically, for maximum-phase channels, the filter coefficients are computed based on the channel estimates reversed in time, and the filtering and equalization operations are performed with the received block of symbols in a time-reversed order. A multi-section probe for an impedance tuner system may include a plurality of probe sections and a holder structure for mechanically supporting the plurality of probe sections.

1459826541-349c6df4-526e-49c2-bb76-306f26d5504d

Erythropoietin, a member of the cytokine superfamily, is a pluripotent molecule that is involved in a number of signal transduction pathways that include the stimulation of the production of red blood cells and the protection of the central nervous system from acute injury and ischemia. Moisture is added to the shredded paper particles at the bonded fibercellulose product line, and bonded fibercellulose insulation products are produced with the bonded fibercellulose product line from the diverted portion of shredded paper particles and loose cellulose insulation is produced from shredded paper particles that are not diverted from the shredded paper particle line. The method further includes posting the second data to the network for delivery to the second node; receiving the second data at the second node; and from the received data, delivering the first data to a second ULP operating on the second node.

1459826541-5b7133ce-8e22-40b4-ae0f-becc7fa61eec

The profile of a structure having a region with a spatially varying property is modeled using an optical metrology model. As a result, unnecessary lock-out operations can be prevented and a program operation or an erase operation in a semiconductor memory device can be executed stably. Also, an invocation to the newly created method is added at the copied-from location and the intended pasted-to location or an invocation to the newly created method is added at the copied-from location.

1459826541-63106339-acef-4854-85d2-02bc5446cdfd

Digital signals are transmitted on a bus at given instants selectively in a non-encoded format and an encoded format so as to minimize the switching activity on the bus. Also provided is a method of polishing a substrate using the chemical mechanical polishing pad. Preferably, the pins are made of the same material as the beamsplitter and compensator, and all three components are made of Potassium Bromide or Calcium Fluoride such that the optic instrument can operate to scan into the mid or far infrared. The probe is configured to address each of the cells of the array individually, and to be chemically isolated from all of the other cells of the array. This allows high-precision alignment with little or no dependency on pattern density or shape, differences in luminance between images, and uneven luminance within individual images.

1459826542-9949be8a-afa6-4fdd-895c-6283a7269f57

In an electric power steering device, an actuator generates steering assistance power in response to torque transmitted by a steering shaft, the outer circumference of which is covered by a torque sensor detecting the torque. A list of the common media content of the first terminal and to the second terminal is displayed via the first terminal and the second terminal. The grenade is armed after a sequence of events have occurred including reaching a desired depth and a desired passage of time. The profile may be downloaded a physical handset for implementation of a user interface at the physical handset based on the personal preference and usage information of the profile. In particular, font generation and typesetting methods that are applicable in a 3-D gaming environment are described. The second insulating layer has a relative permittivity that is lower than the relative permittivity of the first insulating layer.

1459826542-edbaca64-a77b-4e05-93c9-936bbfdf897a

To provide an endoscope objective lens which has a lens constitution of a relatively small number of three pieces, a short total length of lens, and various kinds of good optical performances starting with curvature of field. The positioning or spacer block is a generally rectangular block having corded-out cavities to reduce weight and tabs or projections for cooperatively engaging the sides and top of a support post as well as the edges of the guardrail during roadway safety barrier system installation. The pre-sintered PCD table may be substantially free of leaching by-products in a region at least proximate to the interfacial surface. A variable resistor is used to set the regulated level of the voltage output.

1459826543-2a5652b7-109c-44f9-a338-cb76bd6cad6a

The invention describes a point-type, spring-supported suspension means for noise protection sheets. The system incorporates a real-time digital signal-processing algorithm that detects the impact signature, processes it, and calculates the time-of-arrival. Also provided are therapeutic and diagnostic methods using targeting ligands that bind an irradiated tumor. Any number of attachments may be used in a stacked manner. The device has two jaws which can be moved together in a housing by means of the drive and, at least one end, are each in zero-play contact with an arm of a scissors-type arrangement, the opposing arms of the scissors-type arrangement being in zero-play contact with an output drive element which is rotatably mounted and connected to the adjusting element. In an alternative embodiment, a laser interrogation technique, a first incident light outside the absorption spectrum is reflected off the metal contacts leads, and a second incident light within the absorption spectrum is directed at the detected locations of the reflected light, those portions of the polymer in turn dissolved by the developer.

1459826543-3338460b-c7ac-4527-9705-1d2329d6292b

An improved catheter system having an ultrasonic imaging transducer coupled to a drive cable disposed within a lumen of a flexible tubular catheter body. Each memory cell includes a storage element, such as a pair of cross-coupled inverters, that is connected in series with a pair of power switch transistors between a power supply node and ground. When data is sent from the controller to a module, half of the data is sent to the module in one direction along the ring and half is sent in the other direction, through the other module. The substrate includes a rigid substrate material, which has a surface region capable of acting as a handle substrate. Application to the production of rare earths or nuclear waste processing, especially to recycling operations carried out on spent nuclear fuels is also discussed. Pressure transducers are provided to monitor and report pressures at the wound site or internal to the canister.

1459826543-aa581029-2847-41d0-af48-375942b8c5db

An implantable device for delivering cardiac pacing therapy in order to improve

cardiac function is programmed to allow some amount of intrinsic activity to occur without otherwise disturbing the pacing algorithm used to deliver therapy. Upon printing, an external server conducts an authentication process. The emoticon is then transmitted from the sender to the recipient along with the link or association such that the recipient can hear the audio when the emoticon is displayed. The controller is movable in the radial space of socket between a locking position and a releasing position.

1459826544-a1c6da05-f993-4ac9-9688-d0d8fc3e9b7c

The invention relates to a novel emulsified composition comprising major amount of an aqueous phase, a minor amount of an organic phase and a minor but effective amount of at least one emulsifier to emulsify the aqueous and organic phase resulting in a water in oil emulsified lubricants, in particular an emulsified greases. When docked, the top cover on the traffic board provides a weatherproof cover. The boost type power converting circuit receives an input voltage and generates an output signal at an output terminal thereof according to the input voltage, and outputs the output signal to a load. The multi-modal vinyl ester resins may contain a reactive diluent, though generally, lower reactive diluent contents are required for such resins than for similar, commercially available vinyl ester resins. When the resource availability equals or exceeds the resource requirements for a group of instructions, those instructions can be dispatched simultaneously to the hardware resources.

1459826544-b80439d6-0960-4680-b8d5-91a9c0d2c1cc

Techniques are described for securitizing, administrating and trading various index shares securitized by derivative, cash-settled instruments on the underlying index. The gradient barrier with a composite structure of metalmetal salt of different compositionmetal such as  $TaTa_{N1}u_{2212}xTaTa_{N1}u_{2212}xTa$  is proposed to replace the conventional barrier for copper metallization. Even when an electrostrictive vibration is generated in the multilayer capacitor upon voltage application, a joint surface joining a substrate connecting surface and a terminal connecting surface together in the metal terminal can flex, so as to mitigate the electrostrictive vibration, thereby preventing chattering noises from occurring. The injection of the wastes or other materials may be carried out continuously or intermittently.

1459826545-3ece3952-cf85-4707-ae2b-406ff84df8b0

The present invention provides a small fuel cell system including a secondary battery, in which deterioration in the secondary battery is suppressed regardless of a temperature condition. The improved integrated circuit package provides increased operational bandwidth between different circuit devices, e. The displayed marks convey golf club head configuration information. A main portion of a first conductor that supplies the first voltage to the digital circuit of the pixel driving unit and a main portion of a second conductor that supplies the third voltage to the digital circuit of the signal processing unit are isolated from each other. The finally calculated result is used as falsification detecting data for detecting whether the data to be encrypted is falsified data.

1459826545-690985db-bba4-4bfa-adc2-e5a55076f251

A method for error simulation in a data storage subsystem providing abstractions of one or more storage devices. A second connection connects the system to the power bus of the portable electronic device. Therefore, it is possible to provide a user with a single PIP image in which various sub-images are graphically represented in 3D. When the arms are connected together, the intake valve performs an ordinary open/close operation.

1459826545-7c8e532b-d4ea-4421-af94-02006a6cc19b

A method of manufacturing a screen device for permanent placement of a screen within a plastic structure. The created time signal may be a real-valued signal as

well as a complex-valued time signal which closely resembles an arbitrary initial time signal, including initial time signals which are standard transmit signals for radar systems, and which have Fourier transform magnitudes with notches and stop-bands at prescribed frequency values. The diagnostic tool may comprise a near-point card on which tests for heterophoria and fixation disparity are printed, as well as a graph indicating the expected or normal relationship between the results of these two tests. Animation of one or more 3D objects can be used to trigger a gaming criteria, event or condition. The medical fluid may be fed into the organ from an intermediary tank having a low pressure head to avoid organ overpressurization.

1459826546-739f7437-5c77-4486-bb89-0507488d93cd

A wireless station comprises a transmitter. The test stand supplies a hydraulic fluid to the chamber, and controls the pressure of the hydraulic fluid to simulate pressure cycles in the chamber. The holding element includes means for engagement with engagement elements of the sensor plate. Streaming parser APIs include raw streaming parser APIs, non-validating streaming parser APIs, and validating streaming parser APIs. The knowledge of how the K factor varies with binding efficiency and strength is a powerful tool that can be applied in multiple circumstances. A button contacts the pusher when operated.

1459826546-ceadf4ca-4335-48dd-809c-61d66da14202

Methods and apparatus are disclosed, including an apparatus that has a memory cell array with a memory cell selectively coupled to a bit line. A controlled current source controls the output stage quiescent current in response to a quiescent current signal during a start-up cycle. If a directional event is triggered within the second time period, disable the select event and enable the directional event. The APCI probe is configured to shield the electric field from the corona discharge region while allowing penetration of an external electric field to focus APCI generated ions into an orifice into vacuum for mass to charge analysis. Wherein when the trigger is operated the system is substantially simultaneously actuated moving the window to the open position, moving the door lock system to the unlocked position, and disengaging the release connector from the first connector of the seat belt system.

1459826547-52dc633e-f950-40ef-b790-203df727b25d

A water draining exterior wall structure for a building having a building framework is disclosed. More specifically, compounds for use in the treatment of conditions such as epilepsy, cancer, pain, migraine, Parkinson's disease, depression, schizophrenia, psychosis, and tinnitus are disclosed. In one embodiment, the substrate is moved in the same direction around the reels, with conditions within the chamber periodically changed to result in the continuous build-up of deposited material over time.

1459826547-9c0e4c41-391f-4181-93b6-236472562481

Methods and devices for implementing a camera restriction on a wireless handheld communication device. The unit has a disposal bag dispenser, at least one disposal bag, a receptacle, and a liner for the receptacle. Thus, the power amplifier circuits are provided within the same IC chip to enable a size reduction. Layers of reflective varnish can reinforce reflectivity.

1459826547-fc8b2438-a03b-432c-9b47-4e1930e3e8f8

A catalyst system for the polymerization of olefins is prepared by initially charging one or more compounds of the formula I a or I b, . The particulate polymer and organic polymer binder can be distributed substantially across the work surface the polishing pad, and the pad can have a percent pore volume of from 2 percent by volume to 50 percent by volume, based on the total volume of said polishing pad. The processor divides the required lamp travel into a number of stages dependent on execution duration data sent with the position data, and calculates, for each stage, a new value for pan and tilt angles for the lamp. Since the accuracy of each

process is improved, however, the number of times the judgment is repeated is reduced for a higher processing speed.

1459826548-1e50fe88-a697-4b8b-98c8-fec3556c1d44

A temporary needle holder having one or more lateral surface needle holder apertures configured to receive needles therein. The vehicle also has a functional device operated by a torque generated by the internal combustion engine. A collection tray is secured to the open lower end of the collapsible bag portion. The respective positioning motors are controlled by a controller. The apparatus effectively prevents the steerable wheels from skidding while transmitting power to the steerable wheels when turning the vehicle.

1459826548-9e656f87-a32d-4da1-be43-d6f45106db2f

Aspects of the present disclosure are also directed towards a method that includes maintaining a transmission period which has a start time and an end time synchronized to metrological time. The process includes directing at least three successive gas beams at a molten metal stream inside an atomization chamber, the at least three gas beams being oriented in different directions. The top member is an integrated piece having no separate mechanical button disposed thereon. The processor sends the configuration information to the configuration unit and the configuration unit provides configuration information to the operation unit. A second detector may be included for collecting an X-ray fluorescence signal generated by bombarding the sample with the X-ray beam.

1459826549-0f6c0ea2-d792-4f8d-8b4e-cdf95a8bf371

A graphics display system is provided. A turning support system of the spool comprises a two bearing system, a main shaft and a core shaft. Removal of the selected portions is achieved by forming an opening in a valve septum at a desired location.

1459826549-90c8b3b1-4c97-4bfe-9f31-7ac7843c3ac5

Systems and methods of automatically or semi-automatically loading patient chart information onto a patient room computer system. An autotelic component in the system uses a mapping mechanism to produce an output based on a set of inputs. A second image is accessed that includes multiple blocks, one of which is a second-image block that has overlapping content with the first-image block. The poppet is pressed against one wall surface of the housing by a biasing mechanism, that biases the poppet in a direction perpendicular to the center axis, vibration of the poppet is thereby suppressed. The battery chamber includes ventilation elements for the purpose of increasing the lifespan of the battery.

1459826549-9a1bd8b6-acf1-4331-b144-41b6fffc5743

A timepiece with a multiplication table display is provided. Moreover, the following conditions are fulfilled: B203=0% by weight, or Al203B203u22671. Optional hangers are also used to hang the top edge of the cover to a support structure. A chroma blurring technique to reduce false color artifacts is also disclosed.

1459826549-eb54301b-f15d-4c94-8480-5bfa032bfe26

A method for forming a sub-quarter micron MOSFET having an elevated sourcedrain structure is described. The fixed body includes a peripheral wall, which defines a cut-out portion at an upper end. The process continues when a data packet is received via the source virtual network.

1459826550-aa082687-74e5-4975-b5ad-1fa17d6d04a3

A reticle for use in a photolithography process for exposing a photoresist layer in the production of a component which is formed from a plurality of adjacent exposed areas. Engagement portions on the tools are clamped by the clamping blocks comprising a connector assembly; the tools may be C-clamps, bar-clamps, pipe-



clamps, coupling devices, brackets, standoffs, and like implements. 35 mm, the distance between two adjacent dots of a same line being comprised between 0. Compression techniques are used to aid in the data transfer over an intra-system bus interface. The subsets are assigned to neighboring cells in the system to reduce interference between neighbors. The alternative representation preserves the information content of the actual data values from the original source of data while reducing the storage requirements for storing the information on a medium.

1459826551-15c3360e-0184-4f38-bf79-ff55a051bd00

An apparatus for digging a trench including a cutter device for cutting through a ground surface and a guide with a loading end located rearwardly of the cutting device and adapted for guiding earth from the loading end to an off loading end as the apparatus moves in a forward direction. The grasping device includes an upper grasping unit that grasps an upper part of the bead ring and a lower receiver that receives a lower part of the bead ring. The mobile device can include a display and a processor module communicatively coupled to the display. A control system permits independent variation of pressure, temperature, cooling fluid and fluid velocity, as well as mechanical loading on the test object. Each plane in which a loop lies forms an angle greater than 30 degrees with any immediately proceeding, and any immediately succeeding, plane. The present invention also relates to yarns made from the filaments, and fabrics made from the yarns, as well as methods of making the yarns and the fabric.

1459826551-788db638-53eb-49ed-b4a9-b77c5141bcb8

The invention provides a method of optical imaging comprising providing a sample to be imaged, measuring and correcting aberrations associated with the sample using adaptive optics, and imaging the sample by optical coherence tomography. The sweeper includes a slip clutch mechanism to protect the primary agitator and the motor in case the agitator become jammed. Using a number of pulsed emissions and the transverse spatial oscillations the received signal is influenced by transverse motion and a new autocorrelation estimator is used for determining the velocity vector.

1459826552-9f31f62c-be2d-472d-96c2-1443150daffe

A toner cartridge includes a toner container which contains toner, the toner container having at one end portion thereof a discharge port which discharges the toner, and a member which is attached to an outer peripheral surface of the one end portion. In one example, a portion of a subframe in the navigation data for each of a plurality of occurrences of the subframe in the bitstream is obtained at a satellite signal receiver to produce a respective plurality of subframe portions. The panoramic imaging system and methods are specifically designed to accommodate the long acquisition times of low-cost digital image sensors, despite the motion of the camera during image capture. In a large-angle inclined state of the telephone, first and second engaging sections of the second leg are in engagement with first and second engaged sections of the first leg, respectively. The interlink module selects pixels of the frames from the processed data of one of the processors based on a predetermined pixel characteristic and outputs the frames that include the selected pixels.

1459826553-60fd13b3-8bfc-4c0a-8abb-db40a470b166

A track-based mobile system for use with processes generating air-borne pollutants, for preventing contamination of the atmosphere. A predetermined number of 2D focal plane frames in a boundary area of a previous regional data cube close to a current regional data cube are included in a training set used for codevector training for the current region. The frame includes a top wall and two side walls and two arms extending downwardly from the top wall. The dispersion medium is non-toxic, creates lines having good contrast and can be easily erased without permanently forming black marks on the screen.

1459826554-41587cea-67d2-4d43-86c3-200d88ef6039

A method and apparatus for actively controlling the gram load on a disk drive suspension assembly and to a disk drive using the present disk drive suspension assembly. The insulative housing has a tongue extending to the receiving opening and a cavity under the tongue and communicating with the receiving opening. At least one of the layers has pores therein, and at least one other layer has pores therein and contains, as catalyst components, a noble metal, alumina and a complex oxide mainly containing ceria, zirconia and one or more rare earth elements other than cerium. The value of the measurable capacitance can then be determined as a function of a representation of a charge on the filter capacitance and the number of times that the charge transfer process was performed.

1459826555-92ab31f9-597a-433b-a04d-329c789ef114

A method of forming a base for a color filter layer of an image sensor is disclosed. The blotch may be in just one of several separations and multiple separations may be used, for example, to identify the blotch. The main electrode layer is deposited such that a {111} plane as a closest-packed plane of the main electrode layer has a constant gradient with respect to a surface of a substrate, and thus electromigration or stress migration can be suppressed in the interdigital electrode sections. According to the invention, during the coupling phase, one hydraulically-pressurised chamber can be communicated with an atmospheric pressure chamber, using at least one longitudinal groove or similar element which is disposed in the tubular coupling part or in the outer tubular part. The fitting section of the male holder is fitted into the insertion hole of the female holder. , both the inductive element and the capacitive element are sized such that the oscillation frequency is between 30 and 300 gigahertz.

1459826555-d8eb4ee4-49a9-4e5f-a411-86a43af514a5

An apparatus for securing a component in a computer system includes a housing having a component bay including a first and a second positioning device in a first sequence. A selected picture is switched on the basis of the change of the sound, and in the meantime, a composing method of a frequency-analyzed picture and the selected picture is changed on the basis of the change of the sound. Using the aggregated payment amounts, a first payment total and a second payment total are calculated and distributed to the host of the event and a second entity, respectively. The invention can include a graphical user interface that permits rapid and easy selection of various options for nodes displayed within a network diagram. By this method, the conventional eight masking steps are reduced to six masking steps, and as a result, simplification of the manufacturing process of the x-ray detector is accomplished, thus resulting in reduction of production costs and enhancement of productivity is accomplished by minimizing the possibility of occurrence of inferior products. In one aspect, a computer system adapted to play audio files comprises a system CPU, memory, at least one drive comprising compressed audio data, and an audio controller coupled to the system CPU, memory and drive.

1459826556-8e78006a-5e19-46e7-9f1d-17c2c04c771c

An electronic whiteboard capable of being drawn by using marker pens of several colors and one penholder, and a penholder for use in such an electronic whiteboard are disclosed. A pair of arms are pivotally mounted to said upright support, generally at the top thereof, for rotation from a collapsed position, in which the arms extend generally side by side upwardly from and generally in alignment with said upright support, outwardly to an operating position in which they extend outwardly in opposite lateral directions away from one another. The MMW oscillation module generates a modulated MMW signal based on the modulated data.

1459826556-d43c2e89-85b5-424c-9296-709ed95ba3c7

A system for automatically processing claims is disclosed. The third ceramic layers and the first and second outer layer portions contain a perovskite-type compound

represented by AB<sub>03</sub> where A contains one or more of Ba, Sr, and Ca, B contains one or more of Ti, Zr, and Hf, and O represents oxygen) as a main component. The charges of the first charged sectors of the first and second plates have a first sign and the charges of the second charged sectors of the first and second plates have a second sign that is opposite the first sign. The server computer checks the subscription file stored on the network for any changes which may have occurred to the file since the previous checking of the subscription file preferably by comparing the last save time stamp to a time stamp on the subscription file stored on the network. Thus, some embodiments may prevent two different gate conductive layers from overlapping with each other in the border region. The rear flexible blade includes at least one aperture extending between the outer surface and the inner surface and spaced from the wiping edge.

1459826556-d4bd30f6-9673-433f-bf7f-c0bd305b70c5

An air-floating carrier type wind power collection device includes a pair of ailerons provided on each of front, middle, and rear sections of a floating body. Between the channel region and the drain region, a region having a higher resistivity is provided in order to reduce an Ioff current. In a further alternate embodiment, an offset is provided in the drive system.

1459826557-2023b446-7c3c-421c-897f-0e6f86f0de8f

A method and system for adaptive aggregation of data in a Wireless Sensor Network is disclosed. Unauthorized transactions may be stopped before processing through an account to enhance the security of transactions and decrease fraudulent transactions without the account holder seeing a negative transaction in their account. The emitter of the bipolar transistor is connected to a node between the input terminal and the DC blocking capacitor. The vending machine receiving, from a customer, a selection of a first product that the at least one inventory group includes. Thus, pitch of the user can be measured based on the body motion component both when the user is running and walking. A hybrid encryption mechanism, based on public/private key pairs enables signed and secure communication.

1459826557-a125fe4c-a86f-4799-a218-ff664dd32dca

Embodiments of a method and apparatus for variable sensing using the frequency domain are taught herein. The multi-symbol encoder circuit is operable to encode data into a plurality of symbols, each symbol uniquely defined by a signal transition and a signal region in a carrier signal. The upper unit includes a slide mechanism which can be pulled out both forward and backward.

1459826557-fe6e1e45-2b4f-4841-89e7-6a8770f3de2d

An inkjet ink composition includes water and effective amounts of one or more of: derivatized 2-pyrrolidinones; glycerol polyoxyethyl ethers; diols; or combinations thereof. The compounds have a general Formula I wherein B, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are d. The CF<sub>3</sub>CClu2550CH<sub>2</sub> is preferably converted to CF<sub>3</sub>CFClCH<sub>3</sub> using a SbCl<sub>5</sub> as the catalyst which is then transformed selectively to 1234yf, preferably in a gas-phase catalytic reaction using activated carbon as the catalyst. The flexible lower electrode also may be patterned to establish a second current flow path between portions of the patterned flexible lower electrode through the chemical, if present, upon application of voltage between the portions of the patterned flexible lower electrodes.

1459826558-552e8656-6402-4d98-8c06-076c09f1d885

A liner for use with a prosthesis comprises an inner layer, a cushion layer, an outer layer, and a bead defining the upper edge of the liner. A movable mass is disposed at the overlapping position, and the rotatable member rotates relatively to the body by hydraulic pressure. A valve is located in the fluid supply channel and is moveable from a first open position to a second closed position where fluid flow through the channel is substantially restricted.

1459826558-74598410-db9b-4a5a-a6be-2fdc6e904f8c

The present invention provides a method of designing a redox flow battery system that can prevent system efficiency loss caused by weak generation power or load power at the time of electric charge or discharge, without using any lead storage battery, and can also provide further improved system efficiency. For each of the pixels forming image data, each pixel in the image data is assigned to a printing element for outputting a pixel value of the pixel. The fixed critical flow nozzle has an orifice throat with a fixed effective cross-sectional area.

1459826558-d9b6b3ef-cdc2-443b-9be8-309114e361d4

The disclosed subject matter, in one embodiment, provides techniques to signal inter-layer texture and motion prediction from different direct dependent reference layers. Specifically, the invention provides male external catheters having a drainage stem designed to reduce or prevent kinking that can occur during use when a drainage hose fitting and drainage hose are attached to the catheter. The algorithm detects and counts the pulses in order to determine the number of revolutions the shaft has rotated.

1459826558-f53b3f64-599b-4ea7-8e9e-408e4ea2a4db

A gas-fired water heater is provided with a combustion shutoff system which precludes further combustion within the water heater's combustion chamber in response to a combustion temperature therein reaching a predetermined level correlated to and indicative of a predetermined, undesirably high concentration of carbon monoxide present in the combustion chamber. The connector holder has a flange for holding the grommet, and includes lock arms for holding the connector holder on the panel by engaging the front edge of the mount hole. The exterior envelope of the module housing is configured to be plugged into the receptacle assembly. A detecting member is vertically movably fitted into the detecting hole. A gate contact is formed over the thin film of nanoelements. The human organs are then measured to assist in the patient's diagnosis.

1459826559-d56f656b-f7e0-414e-b8b9-374a1855bd70

A wired transmission path includes first and second differential transmission paths. The hole trimmer also includes an actuation mechanism for reversibly moving the first and second cutting surfaces towards and away from each other. The combination of the centrifugal force and the electromotive force increases the removal rate of the polishing byproducts. At least one surface of the promotional token has promotional indicia visible thereon. In certain embodiments, PlGF ligands may be administered to subjects to ameliorate other angiogenesis related conditions, such as macular degeneration.

1459826560-45b1c796-cbb6-4177-a57a-2a4708ecb14c

Systems and methods are disclosed for creating a self-extracting file from any given input file type with minimum user interaction. This is done by checking these PIDS and other information in three states; key on engine off, key on engine cranking, key on engine running. Thus the quality of the LCD can be improved.

1459826560-7ccde620-894c-4d05-b744-81e39c1163ad

A self testing fault circuit interrupter device comprising a fault circuit comprising at least one line monitoring circuit, at least one line interrupting circuit and at least one fault detector circuit which is configured to selectively operate said at least one line interrupting circuit when a fault is detected. The suction roller is independent of format and therefore can be universally used for transporting flat material blanks, particularly label blanks. In addition, a device for implementing the method is provided. The compass includes a magnetized material floating in the fluid, wherein the magnetized material is operative to indicate Earth's magnetic north.

1459826560-d82951c5-2374-4ad8-8383-01f972d18482

The present invention is directed to methods for removing CO<sub>2</sub> from air, which comprises exposing sorbent covered surfaces to the air. Provisioning information may be updated in the network using provisioning information provided by the client and vice versa. The coronary vein electrode may be coupled to a single sense amplifier to detect the cardiac signals. After exposure, the fiber is desorbed at the injection port of GC-MS. In these methods, the ion channel modulator compositions and formulations are administered locally to an individual afflicted with an otic disorder, through direct application of the ion channel modulator compositions and formulations onto the auris interna target areas, or via perfusion into the auris interna structures.

1459826561-03ee6828-36d0-4755-899a-da2e041ffdc5

An exemplary method of reducing the volume of a stomach comprises providing an adhesive applicator and a biocompatible adhesive. The method includes receiving by a processor via a communication network supply temperature data indicating a supply air temperature in a duct coupled to an HVAC unit. The ground defines a void having: a central portion occupied by the positive electrode in use; an annular channel surrounding the central portion; and a plurality of lobes, each being positioned with respect to the central portion in a manner analogous to the placement of the planet gears with respect to the sun gear in a planetary gear. In a method of providing an output voltage near the power supply voltage of an amplifier, a first stage output voltage ranging to within a transistor turn-on voltage of the power supply voltage is produced. As a result, the transmission basic unit does not require elements for generating an axial force that supports the case cover on the wall of the case.

1459826561-08655867-c4c9-4707-b07e-d997cbfaadfd

An input/output circuit operable in input and output modes and including an input/output terminal, pull-up and pull-down output transistors, and first and second logic circuits operated in accordance with data and an enable signal. The bottom plate layer is formed to define a receptacle, and a rim which defines an opening to an interior of the receptacle. The central server hosts a training administration module which has access to a user database, a course library and a course creation module. Active treatment cells are defined by spaces within the spiral winding and by interleaf spaces thereof. The motor controlling section controls the brushless motor based on the simulated signal and the normal magnetic pole signals when the signal generating section generates the simulated signal.

1459826561-80196cbc-99e0-4b4b-97fd-8ab2cd7d3403

An image processing apparatus is provided with an area sensor which is formed by arranging sensor components for a pixel in a two-dimensional array and is attached in an inclined manner with respect to a reference installation position. A ridge depends inwardly from the jaw face toward the longitudinal center axis. A transmission policy is determined in response to the classification and contextual information.

1459826562-560a12f0-c4d7-40fd-83c9-7efd09fab0b1

A lawn mower fluid dispenser includes a fluid dispensing device for a riding lawn mower having a front end and a rear end. The main pipe section has formed thereon a curved section provided between the exhaust gas inlet sections and curved in a shape protruding to the side opposite the exhaust gas inlet sections. While the second p-type semiconductor layer is grown, a p-type impurity other than magnesium is added to the second semiconductor layer. When the system is operating, the data detected by the pressure gauges, power meters, and flow meters are compared with the built-in data to obtain the optimal energy-efficient conditions as the operational criteria of the system of the present invention.

1459826562-d0554993-c289-4b2c-96b5-35293ab06897

This invention relates to an electrophoretic display comprising cells of well-

defined shape, size and aspect ratio which cells are filled with charged pigment particles dispersed in a solvent, and novel processes for its manufacture. The computer system includes a database which maintains data for a plurality of known products, each known product associated with a respective standardized product code. The invention discloses isolated DNA molecules and DNA constructs encoding C2GnT3 and derivatives thereof by way of amino acid deletion, substitution or insertion exhibiting C2GnT3 activity, as well as cloning and expression vectors including such DNA, cells transfected with the vectors, and recombinant methods for providing C2GnT3. Transconductance differences of a plurality of adjustable differential pairs among the differential pairs are obtained according to the original transconductances.

1459826562-f210530f-6f30-48b6-b5a4-8be591eb26d5

A light-emitting structure includes a p-doped region for injecting holes and an n-doped region for injecting electrons. The computer accesses the primary data of this patient and outputs them to the user via a visual display device. In a further embodiment, the RFID tag includes a passive loop in proximity with the RFID tag to improve the signals received and transmitted by the tag. The wear surface is not disposed on at least a surface portion of one of the first and second flank surfaces and the edge surfaces. When a user steps on the mat, the detection module and the control module detects the orientation and position of the footprint to determine whether the user is facing or facing away from the toilet and sends control signals to the automated toilet seat and lid lifting and closing device to operate accordingly. Managed objects associated with the feature monitors usage of the feature and such that the feature can be disabled when a threshold usage has been reached and the trial period is over.

1459826563-182a86e6-c684-4b69-9e38-21aaadd3375a

A Safety Instrumented System for use with a process control system receives pressure of process fluid in the process piping. The method includes the steps of receiving an incoming offer by a node, filtering the offer by an in-throttle to determine if the offer is permitted to be processed by the node prior to processing by the node, processing a permitted offer, and sending the processed offer to a designated target. The proxy server permits a given user's initial POP check to proceed on through the network to the mail server. Any change in the biomarker in the subject relative to the biomarker in the control subject provides information to evaluate therapeutic efficacy of an administered drug or a toxic effect and to develop the compound further if desired. 210H-60P and its ester derivatives are antiglucocorticoids for the treatment or prophyl axis of diseases associated to an excess of glucocorticoids, in particular for treating Cushing's syndrome, iatrogenic hypercortisolism or depression.

1459826563-1acedbf6-ce71-43bb-890a-c8452417ce4d

Tunnel field-effect transistors are regarded as successors of metal-oxide semiconductor field-effect transistors, but silicon-based TFETs typically suffer from low on-currents, a drawback related to the large resistance of the tunnel barrier. The target system exposes data through multiple web services. The radiator fin is bent in the form of continued rectangles to form a hollow grille with multiple segments. The pluralities are angled with respect to each other by less than about 90° and intersect each other so as to form total internal reflection structures.

1459826563-6df1e9e0-3688-4a64-8859-bff80a6bc840

Systems and methods are disclosed for processing information associated with monitoring persons devices and weapon fire location information. The image processing apparatus including an authentication unit adapted to execute user authentication, and an execution unit adapted to execute processing on image data with a plurality of processes as a sequential processing flow while cooperating a plurality of different functions with one another. The system also includes a clock

and data recovery device configured to receive the first plurality of electric signals.

1459826564-b7d2991a-0463-4897-9a36-167307392c9a

A gas exchange control mechanism for an opposed-piston engine which opens and closes inlet and outlet slots provided in the cylinder irrespective of the position of the pistons. A known corrector for correcting third-order and fifth-order aberrations of the objective is embodied with eight quadrupoles and three octupoles. The mechanical lock aspect of the user interface may comprise simulated rotating elements that may be operated by user-induced sliding interactions upon the user interface. The sensed temperature is used to detect any cold spots that may dynamically form on the evaporator surface. The decoder is non-symmetrical to the encoder for decoding merely a part of the encoded input image with improved subjective perception quality. If a paper sheet remains in the stacking section after the double-sided image forming mode is completed, it is also determined that an accident has occurred and the double-sided image forming mode is executed again.

1459826564-fab1ce76-5fd2-4577-8281-26f9a8db9acc

The current generating unit in the transmitter generates output currents in accordance with a plurality of logic values. This is to provide an elevator car which can be preassembled outside of an elevator shaft as a unit ready to be installed, with as many functional parts as possible. In one embodiment, authentication is performed by comparing the real time captured heart beat profile against a reference heart beat profile. Onset of the torque exchange delays until the short-term torque capacity is sufficient for receiving all torque load from the offgoing clutch without affecting output torque. The compounds of the present invention are cyclic polyketides that include . In this context, the weightings  $G_i$  that are used for the route calculation are varied as a function of the time of day.

1459826565-2f75be30-8c50-4957-a665-14d02ef2e5c7

An apparatus and a method for arraying beads that allow a bead array having been difficult in mass production to be manufactured easily and accurately are provided. The present invention enables the emulation of persistent group reservations on a non persistent group reservation-compliant device, including a shared disk, to enable the disk's implementation of persistent group reservation-reliant algorithms. The message sent from the L0 network is received at the node in the L3 network. Advantageously, a plurality of outsole elements is provided that are adjustably mounted on the sole portion independently of the other outsole elements.

1459826565-b56d088d-a24b-4760-94af-22d1d7ff297d

A tool for subterranean use employs relative movement between a housing and a piston by pressurizing and removing pressure in a variable volume defined between them. It may also retain a second information device, such as a memory drive, separate from the first information device. The repeated REU includes the two registers, two Galois Field adders, a Galois Field multiplier, and multiplexers to interconnect the elements.

1459826565-fb154488-aa7f-486c-98a2-a68bb2ada6e6

This invention relates to a laminate which changes in dimension to such a small extent as not to cause curling and warpage when the ambient humidity changes and is useful for flexible printed wiring boards. There are arranged a brush roller for temporarily collecting post-transfer residual toner, and an electrode of which inwardly-curved face being in contact with the brush roller in a toner charge apparatus. The filter outputs are combined to form one signal for digitization.

1459826566-2c352efe-76aa-4a81-b0ac-de60584a83a1

The invention features somatostatin antagonists having a D-amino acid at the second residue. A cache size of a computer cache memory is determined, and a first data

block is placed within a main computer memory. Shell is moveable with respect to shell to provide the helmet with two configurations.

1459826566-721e91bf-6a2e-43ae-bb3f-557217f982b7

A liquid crystal display includes first and second pixel electrodes, first to fourth data lines, and a first gate line. A fluidity resistance path is provided in the flow path between a nozzle plate portion surrounding the nozzle and a portion of the flow path member opposing the nozzle plate portion. If the process is executing inefficiently, the processing unit may alter power consumption of the portable communication device. These cells may be utilized as either an expression vector for promoting angiogenesis or for cell transplantation and fusion through myogenesis. The method includes determining for the active window a scale value and an offset value associated with the display of the associated one of the documents. The paint brush head is detachable from the paint brush handle.

1459826567-1a90dd42-de95-4a29-a1a5-7db0605d0098

A container has a lid and a locking mechanism. The electric power supply system is constructed by a vehicle fuel cell provided on a fuel cell vehicle, a stationary fuel cell provided in a stationary power supply system, and a power converter for converting direct current powers from the vehicle fuel cell and the stationary fuel cell into alternating current powers. If the transmission-independent control module fails during transmission emergency-mode operation, the startup shift element is capable of actuation by means of the electrical triggering of the emergency-operation mode shift valve via the transmission-independent control module. The hydrogen optimization system may use both a genetic algorithm configured to evolve a population of solutions to improve the quality of solutions over time as well as directed heuristics to identify a superior operating state for the hydrogen pipeline network. The second lobe may be fixed for rotation with the second shaft and adapted to open a second valve in communication with the engine combustion chamber.

1459826567-296d0b03-f80c-483c-85f5-fa0a66032245

An information provision system 11 is provided which provides in advance a travel data package 10 via the Internet 1, in which data effective for measuring the current position such as the longitude and latitude information of a travel site location is stored based on itinerary information in such a manner as to be associated with an itinerary. Heat stored in exhaust from an auxiliary generator may be used to convert urea to ammonia used by a Selective Catalytic Reducer system, and/or the auxiliary exhaust may be used to heat the main exhaust flow before entry into an SCR. The flexible member provides flexible mechanical support to the connector member with respect to the insert. The submodules are electrically connected in series.

1459826567-5c76d979-2fbb-4ce4-b532-fab55b654b13

A fuel reformer burner in which fuel gas and anode-off-gas may be burned and backfire may be prevented during combustion of AOG includes a fuel supply portion, an anode-off-gas supply portion; and a combustion air supply portion. A means is presented by which any desired number of parallel implemented turbo decoding processors can be employed to perform turbo decoding that has been performed using a QPP interleave. The production tubing is sealingly attached to the tubing hanger, and the perforating gun assembly is coupled to the production tubing. The reduction ring carrying the filament is deployed adjacent a mitral valve annulus and the filament is translated relative to the reduction ring to deploy the barbs through the exit ports and into the annulus and to further translate the reduction ring with deployed barbs to reshape the annulus. 05, wherein the maximum emission wavelength of light emitted according to electroluminescence of the element is longer than the maximum fluorescence wavelength of the fluorescent compound.

1459826568-2a1e08ab-993e-4606-af29-87c07e12cf6a



Audible navigation system produces direction updates, scheduled at predetermined time windows, during which the audio environment is monitored for the existence of a conversation. The APU includes a fuel processor and a fuel cell, the fuel processor being provided with steam, air and dimethyl ether. A traction roller transmission mechanism is disposed in the rotational power transmission path between the power generator and the coupling portion. Each of the detachable heads includes a receiving region having a receiving member and temperature sensing circuitry, as well as a food piercing member for sensing the temperature of food at an internal location thereof. The radio frequency absorber, according to various embodiments of the present invention, is configured to reduce cavity oscillations and/or cavity modes and resonances within an integrated circuit device, such as a device that houses a monolithic microwave integrated circuit. The brake assembly is preferably operable to releasably hold the tool plate at a position relative to the connector and the handle on operation of the actuator.

1459826568-3fb75f21-b209-45c6-a730-de0f6010be9f

A method and apparatus for accessing a document-processing device is provided. The integrated circuit further comprises a plurality of scan channels. Through the use of the power converter circuit in accordance with the present invention, high switching losses are avoided thereby resulting in an increase in the overall efficiency of the power converter circuit. The proximity head is configured to perform operations including applying a fluid onto a region of a surface of the substrate, such that the fluid is continuously flown so as to substantially fill the region between a surface of the proximity head and the surface of the substrate. In some embodiments, the monitoring devices include a camera and a microphone. Accordingly, if the apparatus discovers a remotely powerable device attached to the computer network, the apparatus can provide power to the device remotely.

1459826568-ab036297-4845-416a-a2ab-d29754689b6c

In the typical embodiment of the invention described in the specification, a prismatic semi-membrane LNG tank is assembled within a support carriage surrounding the top and side walls of the tank and is connected to the tank by a plurality of load bearing insulating support blocks affixed to T-shaped beams on the tank and received in channel shaped members on the support carriage. The component is used to process a work piece within the process chamber. A pair of tether portions is coupled to the clip by the coupler. The bullet nose is rounded and unperforated.

1459826568-b9da1dc6-c53a-424e-afe3-43d3a8a6ed98

A vacuum hold-down for a hard copy device comprises a platen having plural vacuum zones arranged in a side-by-side array across the platen. An internal cavity is formed between the ends and holds a volume of propellant material. A device according to the invention can be used in for instance mobile phones, streaming internet applications and cable television.

1459826569-4d16bc78-8188-4e03-9bd3-e7f054dda8eb

Methods and systems for assessing and treating vestibular disorders can include displaying a graphic and providing relative movement between the graphic and a user's head. This multilevel memory bus system includes at least one DMA controller coupled to an intermediate bus; a flash memory bus; and a flash buffer circuit between the intermediate bus and the flash memory bus. In particular, the fluidity of aluminum powders having mean diameters smaller than 10 micrometers was considerably improved by the process of the present invention.

1459826569-d9ff9d19-7235-46db-837e-1a98d3da8720

A method of operating a cooling system for a hardware component is disclosed. In one form, a displaceable plunger or piston is disposed within the body portion to extrude the dental material through the discharge orifice and attached flow through applicator. A non-common data identifier is used to identify the at least one non-common data piece.

1459826570-6f17a2a4-3954-418d-a1e2-edad969b1155

Handling problem tickets in a computing environment, in one aspect, may comprise identifying a plurality of tickets generated in the computing environment that are candidates for consolidation. The method includes selecting a small plurality of test solvents from a large plurality of perspective solvents. The injector is compatible with combustion devices that inject only gases, for example, a reheater that provides initial combustion in a power generation cycle or a reheater that recombusts a discharged gas from a gas generator and turbine.

1459826570-db49b88e-f7d6-4645-9a7e-90e48a1d090c

According to one aspect of the disclosure, there is provided an apparatus for performing electrochromatography. The memory device has a package configuration that is compatible with an SDRAM. A first comparator is connected with its positive input to the line on one of the two sides of the sense resistor and with its negative input connected to the line on the other one of the two sides of the sense resistor. An assigning part assigns the Dch and Lch data symbols to subcarriers constituting OFDM symbols and outputs them to a multiplexing part. The arrestor system has a base with at least one tile made of a plurality of particles being arranged such that the particles form a plurality of water drainage passageways and wherein the at least one tile has a compressive strength which will fatigue upon a force being imparted thereto which is greater than the compressive strength of the tile.

1459826571-5fb15f71-521a-45e0-9686-baaf32b86737

An aircraft for unmanned aviation is described. The video camera is composed of a camera body, a video recorder, a monitor, and a digital thermometer; the image processing system is composed of the camera body mentioned above, a computer and a color monitor. When formed into the second position, the end and side panels are folded generally perpendicular to the base to form an open container shape. The lock request includes a request to obtain a lock for the storage resource, and a request to perform an action by the lock-holding node on the storage resource if the request to obtain the lock is not granted immediately.

1459826571-7278116d-d2ae-41aa-9d8d-02f2e0dd98bf

A method of mounting electro-optical devices on an optical element using an auxiliary substrate is provided herein. The inertial mass is mounted and guided on a guide disposed on the slide button and/or the housing. In further embodiments, the mapping may be provided by a data input.

1459826572-2b4ad777-0be8-4e4e-bef0-a6b120250506

Processes for hydrophobically coating a pipette tip by wetting at least regions of the outside and inside of the pipette by with a wetting solution are disclosed. Movement of the ramp portion toward the deployed position rotates a hub in a first direction, and movement of the ramp portion toward the stowed position rotates the hub in a second. These incident reports are combined with host information and contact information and are transmitted to the analysis server. A hydraulic pump in fluid communication with a sump containing hydraulic fluid has a first pump member fixed for rotation with the first rotary member and a second pump member fixed for rotation with the second rotary member such that relative rotation between the first and the second pump members generates a fluid pumping action. If the condition is not met, then the conditional payout terminates.

1459826572-372c1dff-c20e-4c76-85b9-50917b85763c

Insulated-gate field-effect transistors, both symmetric and asymmetric, suitable for a semiconductor fabrication platform that provides IGFETs for analog and digital applications, including mixed-signal applications, utilize empty-well regions in achieving high performance. An audio frequency actuator, which is preferably a magnetostrictive actuator, is acoustically coupled to an end face of

the rod. The counter of the shoe to be donned is positioned within the clip space and the individual is able to maneuver the shoe as required since the shoe is securely held in the clip space. Furthermore, the protein can be produced by gene engineering.

1459826572-fdaa1f12-0ab0-4d28-9f5a-927dbc32b0e3

A computer-implemented system and method are provided for automatically determining rebate eligibility for purchased products. After configuring the first configurable resources, data previously stored in a buffer of the programmable logic device may be retrieved to overwrite at least a portion of the configuration memory associated with the boot-strap configurator. A first engagement surface is supported by the first arm and a second engagement surface is supported by the second arm. If a predetermined count value is reached, the main BIOS is invalid, or CMOS is invalid, then booting is completed using the backup BIOS. The new apple is notable for its attractive appearance, superb texture, improved flavor and long shelf life. Various other aspects are also presented.

1459826573-4ee96e7a-31f9-4823-be96-0cfbabd95994

The multi-layer tape wrapped tubing for effectively impeding the diffusion of vapor is made in a continuous in-line process and has three distinct layers: an inner tubing layer, a middle diffusion barrier layer and an outer jacketing layer. A method of operating the fuel processor for a fuel cell arrangement includes supplying safe gas to the fuel cell arrangement in a first mode of operation, supplying synthesis gas to the fuel cell arrangement in a second mode of operation and supplying processed hydrocarbon fuel to the fuel cell arrangement in a third mode of operation. The base station then transfers the enhanced frame to a network controller.

1459826573-d4a403f6-0b55-446e-a7e0-1e55627dc4ca

A fluid separation apparatus suitable for separating a mixed fluid with different properties and capable of separating a complex fluid mixture efficiently is provided. One system includes a regenerative braking system, a non-regenerative braking system, and a stabilization system. The electrical connection structure includes a through hole formed through the terminal and a connection part formed around the through hole on an opposite side of a piezoelectric element on the terminal. The sleeve portion extends in the axial direction beyond a side surface of the bearing inner ring and is disposeable about a shoulder diameter of the bearing inner ring.

1459826573-eac66c31-1dfb-454d-94e5-cefa826ea44f

A delay locked loop apparatus includes a first delay unit converting a reference clock into a rising clock. The subject invention also concerns methods for synthesizing the compounds of the invention. Feet are connected to the lower section, or to the lower extension section or lower extension arms if provided, and provide a stable base for the ramp on the lower surface on which it is deployed.

1459826573-f5c0268c-124d-4c49-904f-070b258c6cd3

A floating non-volatile memory has a substrate and source and drain regions disposed in a surface region of the substrate and spaced apart from each other with a channel forming semiconductor region disposed therebetween. The interconnect feature may contain an accumulation of the the electropositive dopant at interface boundaries of the interconnect feature to reduce electromigration of the metal during operation. Furthermore, the method may include adjusting the output voltage if the output current reaches a threshold value. The second lens includes a second engaging face facing away from the optical axis and a second engaging structure formed on the second engaging face for engagement with the first engaging structure of the first lens. An inner channel formed through the resilient lead body is adapted to receive a straightening element. Therefore, they have excellent flame resistance and good handling properties.

1459826574-14a577df-649e-4dca-8715-c6d03cacb1f4

A method is provided for calibrating ultrasonic signals passed through a crimp formed with respect to a deformable body via an ultrasonically-equipped crimp tool. By avoiding a separate, onboard data layout engine on the flash devices, the latency associated with operation of such a data layout engine is also avoided. Hence, by comparing a peak of the reflection intensity with the predetermined threshold value, it can be determined whether the detected object is a vehicle other than the host vehicle. The stinger is supported at its upper end in the lower part of the firing line. The present invention defines methods for network intrusion tolerance in terms of the various state transitions that maximize the overall effectiveness of an intrusion tolerant communication network.

1459826574-17401d72-e96a-4fe2-808a-ba9da43e91d9

Embodiments of the present invention provide methods and systems for automated distributed testing of software. A gate insulating layer, a semiconductor layer, an ohmic contact layer and a conductor layer are sequentially deposited, and the conductor layer and the ohmic contact are patterned to form a data wire including a plurality of data lines, a source electrode and a drain electrode of the display area and data pads of the peripheral area, and an ohmic contact layer pattern thereunder. The passive sensor detects changes in a temperature signature around the washroom device.

1459826574-44b508b5-6888-4aa8-8ddf-c1456c9adb5d

A device and method for dispensing a liquid with a gas includes an instrument having a cannula and a low-pressure tip. The first profile portion has a defined width transverse to a longitudinal direction of the profile strip, and the first profile portion comprises a separation line running in the longitudinal direction of the profile strip. The outer containing device is formed by a stent of biocompatible resilient material having memory effect, in a predetermined nominal position, suitable for extending elastically for engaging the outside of the duct, and returning to said nominal position, with containing function, thus preventing the diameter of the duct from increasing and without compressing the duct.

1459826574-67ab9cf5-831c-4cbf-9c50-6d8531ad4188

A system and method for encoding and transmitting data with a spread-spectrum packet-switched system. The purpose of the pet window is to facilitate access to the exterior environment by a pet from a location inside a vehicle or within the confines of a truck bed when access by the pet would otherwise be denied by said window section. The judgment portion determines an area designated in advance, that includes the three-dimensional coordinates detected by the sensor portion. By selectively adjusting a page size the memory bank, the block size is correspondingly adjusted.

1459826575-598e3e10-d207-4c52-9f72-2ef1d996e57c

A method for communicating in a passive optical network, includes receiving traffic from a plurality of optical network units transmitting in an upstream transmission channel, wherein each of the ONUs may transmit at any wavelength within a wavelength band associated with the upstream transmission channel. In one embodiment, a server system is provided that includes a first interposer card that operatively connects one or more server cards to a midplane. Air from the plenum chambers passes out to film cool the interior surface of each respective segment.

1459826575-de479643-926d-4d3a-9ef1-983cbe296321

An indication of the elasticity of a non-Newtonian fluid is obtained by extending a fluid bridge between a pair of relatively movable surfaces that hold a fluid sample therebetween, and continuing a timewise progression of separation between two opposed moveable surfaces in a controlled manner until the displacing extension is great enough to cause a break point in the fluid sample. It permits the fault-

tolerant gathering of dynamic data documents on the World Wide Web. Then, an automatic defect classification is performed according to a predetermined defect database having a defect classification recipe generated from a second semiconductor process. The table data is designed for the recognition of a specific set, or library, of input patterns. Each support arm being pivotally coupled to the printing system for movement about a pivot axis extending substantially in the lateral direction. The structures are realized with phase-locked loops that include half-rate frequency dividers to provide loop output signals with a wide range of output frequencies and with frequency dividers that provide quadrature signals in response to the output signals.

1459826575-f91f79d5-68c8-45a1-b0f6-1df6e2acac8c

Delays in selecting word lines of a NAND memory device are reduced by respectively connecting conductive straps to word lines of a subset of the word lines of the memory device. The controller is configured to control the hydration fluid administration subsystem to administer hydration fluid to the patient to prevent dehydration of the patient. This produces greatly reduced AO registration errors and improved AO performance to enable high order aberration correction in a patient eyes. Modulated light from the various light sources is converted by the sensor into an electrical signal. An additional, complimentary base station, constructed to transmit when the first base station is receiving and vice versa, can be co-located with the first base station to provide full time and spectral efficiency within a coverage area serviced by the base stations.

1459826576-0fbcd070-1e5b-438d-a433-06845efb054e

Disclosed are an image processing apparatus that can decrease such a misjudgment that an area including an extremely small-sized character is judged to be a halftone-dot area when a judgment of a halftone-dot area is performed based on a number of isolated pixels in a predetermined area, and an image forming apparatus that utilizes the image processing apparatus. The rotating starting acceleration of the electric motor is mechanically converted into rectilinear acceleration, and the electric motor may be supplemented with an energy supply obtained from a previously charged energy accumulator which is triggered simultaneously with the start of the electric motor. Methods of slowing or accelerating the hydrolysis and dissolution are given, and addition of bridging-promoting materials is included. The stop flow valve has a biased valve head that engages a seat until the pressure exerted on the valve head by the fluid exceeds a threshold level and the valve opens. A joining tool, composed of a punch and a die having an anvil, is used to jointly displace metal sheets, profiles, or multi-sheet connections, out of the sheet-metal plane, under the action of forming energy introduced by ultrasound, compressing and integrally connecting the same. As a result, providing additional cooling equipment with the drive circuit in the motor-driven compressors is no longer necessary.

1459826576-63675588-9c58-4ec6-92eb-a3bc9e0c13b3

Methods for manufacturing semiconductor devices with contact bodies extended in a direction of a bit line to increase the contact area between a contact body and a storage electrode is provided. The flange structure includes a body portion adapted to extend through a mount hole in the panel and having an outer peripheral portion, and a transverse flange portion having an outer size larger than the hole opening. The plate is shaped such that when it is partially inserted under a heavy object, a forward edge of a lower face of the plate rises above the floor such that the slide will pass over obstacles. Each remote unit is designed to process at least one secondary signal selected from amongst the secondary signals into which the main signal is divided.

1459826577-6ab7c0e0-524d-4909-8e7c-982debe495c1

A device for connecting functional elements is indicated which are arranged in a sliding door of a motor vehicle, with at least one supply source present in the body of the motor vehicle through lines which extend between the functional

elements and the supply source. The forward section is in a generally triangular configuration. The plural attachment straps include two vertical and two horizontal attachment straps each having a bottom surface and a top surface.

1459826578-a5ff6119-4a7a-4eb5-b4f4-6c8d43ae849f

Methods, apparatus, and systems for alternating quadratures differential binary phase shift keying modulation and demodulation radically increase overall energy efficiency of a communication system due to the combined effect of efficient utilization of transmitter power, high noise immunity of modulation and demodulation, fast synchronization, and simple implementation. The comparator comprises a first transistor and a second transistor whose gates form the inputs of the comparator. This distribution is then statistically analysed to determine a compliance probability. Through use of drag or lift-producing devices, the system may be recovered and reused. The source storage disks are migrated to the respective target storage pools. The radar activation component is communicatively connected to the radar network and configured to determine a contentious state at a time division in the period of operation.

1459826579-20f258c9-f3bc-49b4-b028-f4328d3a9f57

An optical device and method for making the same is disclosed. In one embodiment and by way of example, a method for facilitating management of data in an on-demand services environment is provided. The marker deployment tool may further comprise a magnet at or near the distal end. In a second position, light projected by the light source passes through a filtered section of the lamp cover.

1459826579-72695354-9e7e-46cb-bc72-bade374827b8

A method for influencing behavior in young, adult or aged pet animals which comprises systemically administering a behavior influencing quantity of an omega-3 fatty acid or mixture of omega-3 fatty acids. The voltage regulator accommodates multiple configurations of a tertiary winding and a potential transformer connected across source-side bushings or load-side bushings. Methods are used to improve the compression and transport as hybrid DPCM and a dynamic shift of clip range of prediction errors. A thickness of the spacer layer controls a manner of magnetic coupling between the first free layer and the superparamagnetic layer. 5 to about 8 and comprising one or more vinylamineN-vinyl formamide polymers composed of about 10 to about 99 mole percent vinylamine monomer and about 90 to about 1 mole percent N-vinylformamide monomer; b) pressing the paper web against the creping cylinder to effect adhesion of the paper web to the creping cylinder; and c) dislodging the paper web from the creping cylinder with a doctor blade. , open circuit, according to temperature variation.

1459826579-97a91af8-61ec-4855-a6d1-0fe3d62cda47

A receiver with baseline wander correction for correcting a received input signal. Content information of the application is transmitted to the braille display and displayed in a first display area of the braille display. Additionally, the magnetic field applicator is composed of a magnetic yoke having two parallel vertical yoke elements of identical geometry spaced apart a distance from each other, and two transverse yoke elements disposed between said vertical yoke elements. We realized that these discolorations occur when the gradient of the source image is preserved too insistently, at the expense of preserving object and background color. Furthermore, the variation components of the push-pull signal corresponding to the pre-pits are also reflected to a properly small extent in the reference voltage. According to this network management method, when the structure of the bus connected to a preceding communication station of its own communication station is changed, a notice indicating that connection bus information are changed is supplied to the network, whereby all communication stations making up the network can share the connection bus information.

1459826580-49cd3da0-cb09-4434-b198-7bd315551888

Methods and systems for monitoring consumer generated media are disclosed herein. The method may also include detecting an occurrence of a predefined aspect of the tone signal, and setting a local time based on the occurrence of the predefined aspect of the signal. Optionally delay may be used to further enhance the effect. During installation in a sealing apparatus, a heated mandrel engages the inner diameter of the spout aperture thereby pre-heating and physically supporting the fitment during the installation process. A liquid crystal layer is disposed between the first and second substrates of the liquid crystal panel.

1459826580-4d44dc06-2b8e-4531-8a1a-dec9518ecd52

Faults resulting in reception of a still, but unknown, frame are recognized by comparing each received frame of the video signal with its predecessor, incrementing a counter in the event that the difference between the frames falls below a threshold; and generating an alarm signal in the event that the count of the counter exceeds a predetermined count. 3 and a process for its production comprising: coating a substrate with a liquid layer which comprises the organic semiconductor and a material capable of reacting to form the binder; and, converting the liquid layer to a solid layer comprising the semiconductor and the binder by reacting the material to form the binder. The containment device has a spool, and a flexible bladder extending about the interior of the spool. The transfective film partially reflects and transmits light incident onto the film.

1459826580-8aa68916-8faf-4e5b-bce2-9cf763259753

A silanol condensation catalyst including at least the zirconium metal salt expressed by Formula below. The FEC module is configured to receive data and to define FEC code words based on the received data. The first N-channel MISFET has a source connected to the first input, a gate receiving a power supply potential, and a drain connected to the first output. The first optical waveguide includes a first core layer, which has a planar layout having periodic convexes and concaves, and a pair of electrodes, which vertically sandwich the first core layer. If the actual force curve corresponds to the characteristic force curve, then, in addition to the electromechanical clamping force, an additional clamping force of the additional braking device is also taken into account for obtaining the setpoint clamping force.

1459826580-9af76dda-64ab-42fa-b07a-40eaa855b0aa

An intake air control valve of the invention has a valve body and a valve holder, and is attached to a communication hole on a partition wall separating a surge tank chamber within a surge tank of a multiple cylinder internal combustion engine by fitting and inserting a valve holder. A control system controls activation and de-activation of a hydraulic actuator for an engine brake. The closure system includes tensioning elements corresponding to the belt members, and a pulley system connecting to the tensioning elements. Queries may be presented to a user in visual, audible, or both visual and audible format. Next, an edge printing process is performed on the memory layer so as to form M normal memory portions aligned with the M design normal regions and N sacrificial memory portions aligned with the N design sacrificial regions.

1459826580-b159af9f-1b1d-4bb4-84b6-3a129dbca860

A method of selecting an object out of a group of objects. The method further comprises detecting a fault in a volume of data stored in the mass storage subsystem, determining a severity of the fault, and selecting a course of action in response to the fault, based on the severity of the fault. The rise times of the currents are measured and used to interrogate a stored table of rise time against rotor angle for the known current level. The housing assembly also includes a second member that covers the second portion of the biological material container. The polymer formed on the top surface can be efficiently separated from the remaining portions of the polymer structure to form the free edges of the leaflets. A device of the invention has, between the inlet conduit and outlet conduit, a

deflection conduit with a separation element, by which the liquids are separated out and therefore do not reach the measurement element.

1459826581-7c2a579f-eda8-4672-8d8c-7132f1ba653f

Embodiments of the present invention generally pertain to implantable medical devices, and methods for use therewith, that detect exposure to magnetic fields produced by magnetic resonance imaging systems. The method receives an academic unit of time for a healthcare student and identifies one or more corresponding clinical competencies for the academic unit of time to be satisfied by the student. The control mechanism is constructed and arranged to adjust from regulating the flow of a first gas to regulating the flow of a second gas. The slicer foot has a plurality of ribs that are sized and shaped to be inserted between the blades such that the ribs extend beyond the blades when the upper and lower handles are rotated together. The above combination of features of the polymeric material forming the buffer layer provides an optical fiber which is effectively protected during installation operations and during use, and at the same time can be easily stripped by an installer without using any stripping tools, simply by applying a small pressure with his fingertips and a moderate tearing force along the fiber axis.

1459826582-3527e0c7-175b-47a5-bdfc-3ea383f4c06d

The presence or absence of putting round of a yarn is detected according to whether carriers are positioned on a near side or a far side and according to the relationship of connection between loops, and the result is displayed on a monitor. The compositions may be applied to the skin and/or mucous membranes and are useful for treating microbial infections including viral infections. The sustain electrode and the address electrode may be elongated in a lengthwise direction thereof. Such a dielectric layer may be used as the gate insulator of a MOSFET, a capacitor dielectric in a DRAM, or a tunnel gate insulator in flash memories, because the high dielectric constant of the film provides the functionality of a thinner silicon dioxide film, and because of the reduced leakage current when compared to an electrically equivalent thickness of silicon dioxide. These translator object classes have utility either as part of the DFI library or as a sub-library separate from dialogue implementation.

1459826582-77679319-1e83-419b-b393-91c6de2de670

Disclosed herein is a process for preparing 4--1,2-diol sodium salt, at ambient condition and in the presence of a buffer and an initiator, from vinylcyclohexane-1,2-diol. Each contact includes a recess and a pattern of leads cantilevered over the recess configured to electrically engage a bumped contact. A second fiber optic element is inserted into the housing from an opposite direction to position a free end of the second fiber optic element in the housing confronting the first fiber optic element free end. The modules can be implemented by a computer system or systems, software and networks, or by other means, such as paper-based means. The fourth lens element with negative refractive power has a concave object-side surface and a convex image-side surface, and the surfaces of the fourth lens element are aspheric. The reach package format is a format for storing paginated documents.

1459826583-5469f89a-36ec-4049-bf1a-662866d0b3c6

A digital signal processor includes a functional unit configured to execute instructions. A clamp for engaging one stroller handle is located at each lateral end. Each final turn has a tip area which is in contact with an adjacent intermediate turn, the final turn being separated from the adjacent intermediate turn by a first distance which increases from the tip area to a maximum value within a predetermined angle following the tip area. The support frames are fixed to the top corners of the containers with twistlocks, and the support frames support a crane bridge with a hoist.

1459826583-b45c3ff6-e21f-408b-8a71-c58f1fa77e0a



A susceptor for a microwave hybrid heating system is provided, including a hollow member made of a heat resistant material that does not substantially absorb or reflect microwave energy at room temperature and a substance contained within the hollow member. The invention also provides a composition comprising a fluoroplastic comprising bromine atoms, iodine atoms, and combinations thereof and units derived from a fluorinated monomer, peroxide curable fluoroelastomer gum, a peroxide curative, and optionally a coagent. In addition, the present invention provides a full-rail differential logic circuit with shut-off that is more resistant to noise than prior art full-rail differential logic circuits. From the turbine a low-pressure exhaust gas line extends to an outlet.

1459826583-ce5f5a5b-c61f-4f4a-a9b1-dec5e1bcae95

This invention provides for the fully automated, hands free, packing of chromatography columns by means of delivering a pre-calculated volume of slurry and using two different packing modalities to stop the packing when either 1) this volume has been delivered in the column, or 2) when the adapter is moved to reach a bed height corresponding to the pre-calculated volume. This improvement in thermal efficiency is attained without involving a complex mechanical structure or an enlarged engine size. The microcomputer further corrects the corrected sine wave signal or the corrected cosine wave signal to have the same amplitude therebetween.

1459826584-516be8fe-13fd-4597-962a-89a5ceb979aa

A method of constructing an active matrix pixel device uses a universal active matrix comprising a matrix array of switching elements whose spacing defines a base pitch and a pixel array comprising a matrix array of pixel electrodes whose spacing defines a pixel pitch. Oxide spacers are formed on opposite sidewalls of a first mandrel. The uncoiling mechanism selectively uncoils sheet stock from a sheet stock coil indexed to the uncoiling position to thereby provide sheet stock to a downstream processing station.

1459826584-7d567fab-fac3-4f74-b7c4-28b5c6c7652a

A method and device for measuring flow rate of a liquid through a gate in a channel. The light shield comprises a structure formed above a point between a photo-sensitive element and adjacent circuitry. The control system can be operated either through wired connections to a local computer or processor, or through a wireless system, or a combination of both, depending on the specific application. A value of the cooking quotient is compared to the cooking end value using the evaluation circuit, and an appliance function is triggered. Preferably, the pressure under the sealant layer is reduced by expanding the volume of the enclosure space and thereby decreasing the density of air molecules under the sealant layer. A reference phase signal is provided which corresponds to timing information of the scan of a stripe of light provided by the prism.

1459826584-f2716174-dac5-48d4-b279-fe3e37c3826a

A squat exercise apparatus for use with a hip belt comprising an elevated platform with a hole, a weight holder and a guide rod or other guide, as disclosed herein. The hanger has at least four stationary article gripping members and four mobile article gripping members which are fastenable to respective ones of the stationary gripping members. A fiber Bragg grating device and a flow cell device are also provided. If the list of eligible capacitor banks includes at least one capacitor bank the method includes selecting a capacitor bank from the list of eligible capacitor banks and transmitting a switching command for the selected capacitor bank.

1459826585-15d1071f-836a-4cd1-8910-061a8bd441f3

A semiconductor device includes a first insulating layer having a through hole; a first interconnection having a first conductive layer, a first barrier layer, and a first main interconnection; and a second interconnection connected to one of the first conductive layer and the first barrier layer. The function control mechanism

includes a first ratchet that is mounted to rotate with the drive spindle, a second ratchet that is slidable from a first position to a second position, and a ring controller. Once a color period begins, volume transactions are transmitted to the assigned backup component.

1459826585-1bd4e03e-8dc8-4ad4-8e1b-07e41b83e627

Systems, methods and apparatus for a distributed security that provides security processing external to a network edge. The portable modular lift system generally includes a support base having a plurality of base wheels, a plurality of mast sections connectable to one another to form a vertical mast, a support platform movably positioned upon the vertical mast, and a drive unit connected to the support platform to elevate and lower the support platform upon the mast sections. The carriage has an arm with a disc picker that can be moved to hold and release discs in a desired location. Host traffic can still utilize connections between tiers, such that standard routing and networking protocols can be utilized.

1459826585-55bd0f0d-1cf0-49ac-8a1e-ef4cb85c01fa

A method and apparatus for installing conductor casing for offshore oil wells. The transmit stage comprises a multi carrier power amplifier having at least two independent power modules for transmitting signals on at least one traffic channel and control and pilot signals on at least one control channel. In the registered mode, the controller may cooperate with the wireless communications device and the vehicle position determining device to determine and send vehicle position information to the monitoring station.

1459826585-769a7e4f-4c9d-44f9-8c02-75098432b36b

An improved solar panel attachment system for a roof and method for its use include a pedestal that has a plurality of protrusions and keyways located along its bottom wall surface and extending along the length of the pedestal. An apparatus may include a base with a substantially elongated mandrel mounted thereon. The second emitting portion emits sub-heating light for providing heating spots on the recording medium. The system also allows the end user to perform critical business logic operations even on the new entities defined by the end user after the deployment of the business application without requiring recompilation of the business application software. A media manipulation or sensing apparatus, where the media type detector is arranged before a picking mechanism, with the media type detector including a force applying mechanism to apply force to a housing sled that is aligned onto the media, and with the housing sled being able to rotate with the media as the media tilts. The invention also includes a method for endovascularly replacing a patient's heart valve.

1459826585-f4e103bb-8cde-4815-b246-e7e0ba88a923

The invention relates to crystallizable aluminosilicate magnesium-containing glass which is used for producing extremely solid and break-resistant glass-ceramics having an easily polished surface. A mechanism is described for providing transaction-aware caching that uses a cache hierarchy, where the cache hierarchy includes uncommitted caches associated with sessions in an application and a committed cache that is shared among the sessions in that application. The first microstrip line is parallel with the second microstrip line without having any contact. , based on a predefined schedule and/or on whether other mobile stations served by the same base station are receiving the same media content. The method then resumes the IO to the metadata for the thin-provisioned volume.

1459826586-241e05fe-558a-4550-a133-4e60a66a3ff2

A semiconductor device includes a capacitor formed to have an approximately elliptical cross-sectional shape and extending upwards from upper surface of each said storage node contact. In addition there is a polymer layer for absorbing limited amounts of water that might after all pass through the diffusion barrier layer. Buck boost mode control circuitry controls the buck boost voltage regulation

circuitry using peak current mode control in a buck mode of operation and valley current mode control in boost mode of operation responsive to the monitored input current. The control system electrically energizes the heating element during system operation. At least one of the rings is adapted to have an impeding member that may be endoscopically adjusted in order to alter the size of the effective orifice area of the opening or outlet.

1459826586-28aab458-895c-495b-92a8-39d2f1e85cfb

A method and system for time-stamping and managing electronic documents are described. The hollow handle having a plurality of auxiliary tools pivotally mounted therewithin, the spring adapted to keep the jaws in a partially open position. It is further disclosed an apparatus for transmitting wireless frame, including: a selection unit and a transmitting unit, where the selection unit is configured to select any access category for a beginning frame for performing the channel information measurement; and the transmitting unit is configured to transmit the beginning frame. The highly resistive wire can be used as a single strand, or as a bundle of strands, as wiring in a structure prone to transient electrical or electromagnetic events, such as static discharge or lightning strikes, that might otherwise lead to damage of the structure. A second electroabsorptive element is coupled to the phase adjustment element and blocks transmission of the phase-shifted optical signal when the second electroabsorptive element is activated using the low voltage.

1459826586-5d391e5d-0369-4dc5-b2f5-41f707439c8e

A high resolution projection system has a light source for generating and emitting light and a plurality of digital micromirror device imagers configured to receive and reflect the light. The magnetic transducer includes a main pole and at least one coil for energizing the main pole. At least one of the trays moves to a position within the bottom region, a tray on which an original document is placed moves to a document feeding position, and another tray moves to a document receiving position. For example, one reversing unit is used for reversing the substrate before a back surface cleaning processing by the back surface cleaning unit or for other purposes, and the other reversing unit is used for placing the substrate W after a top surface cleaning processing by the top surface cleaning unit or for other purposes. The method and apparatus further include transmitting a single report for the calculated receiver class to a server including a worst indication of channel condition for the determined receiver class. One or more airflow passages are formed by the configuration of the barrel and extend along the length of the barrel to vent air from mouthpiece to the short milk tube.

1459826586-cfc57b5a-0c27-45ba-b2d8-787eacdcffc2

The present application provides methods and compositions that modulate fruit dehiscence in plants. A multilayer stretch wrap film with at least one outer layer of polypropylene and other layers of blends of polyethylenes. An upper wall is hingedly coupled to the upper edge and is positionable in an open position exposing the opening or in a closed position closing the opening.

1459826587-0bbac443-6146-4eef-9e2d-0e2b6068cc0d

Systems and methods of electric power generation are disclosed. The splash plate may include an outer periphery having a plurality of corners and an inner periphery defining an aperture and an annular flange. At the proximal end, the bioabsorbable tissue anchor has a flat, disk-shaped head for engaging tissue, and slots formed in the head for engaging a driver. An ancillary power request for powering components of the fuel cell system during shutdown is determined. The audible indicator is a speech playback unit, or it produces an audible sound or tone.

1459826587-67284998-30ed-49a6-8120-29863cf2ed8d

A magnetic recording disk drive uses a disk having pre-patterned servo sectors extending generally radially across the data tracks. At least one implantable

system control unit produces electrical pulses delivered via electrodes implanted in the brain and/or drug infusion pulses delivered via a catheter implanted in the brain. The holder can embrace or frame and consequently receive the circuit boards. Thus, the weights of each of the swinging devices produce a successive torque by an inertia action to operate the generator so as to generate an electric power successively so that the generator outputs the electric power stably without interruption. The PRNS may include a display unit capable of outputting data concerning the route to the predetermined destination, and a transmitting/receiving unit capable of transmitting the data to a mobile information unit of the user of the vehicle.

1459826587-e107c17e-e04f-4111-92f7-ced7f2239e30

A control apparatus for controlling a compressor driven by a driving unit generating driving power by a gas turbine and an electric motor includes: a temperature detection section for detecting an exhaust gas temperature of the gas turbine; and a control section for generating a motor torque instruction value for the electric motor based on the detected exhaust gas temperature. The handle assembly is coupled to a handle extension that extends from a part of the device and that has an end with an extension axis. The clock delay data for each data signal is formed according to the states of a set of adjacent data signals. The hollow structure thus covered is subjected to cooled-sizing through a plurality of horizontal and vertical pairs of rollers, and then cured in a hot curing tank. Finally, it comprises based on a received result of the URL policy processing, transmitting the client request to the destination server.

1459826588-4dfbaf61-f152-4b19-a4ce-669be60fccf6

An optical quantitative detection device comprising: an optical quantitative detection device comprising: a nonlinear birefringent waveguide sensor with a top surface for interacting with a target molecule, wherein optical excitation of the sensor enables quantitative, spectral discrimination of the target molecule. The axle module may further include first and second shafts arranged within the ring gear assembly, and first and second inner hubs rotatably fixed to the first and second shafts, respectively. The nut is moved axially by rotation of the screw with respect to the nut, assisting mechanical actuators in changing axial spacing between the pulley portions. Based on provisional allocations to the segments, the computing resources can then be allocated to the sub-plans within respective segments. A controller is coupled to the actuator and retracts the fairing. The actuator for the mirror pixel may be configured as a crenellated beam with one end fixedly secured, or configured as a scissor jack.

1459826588-e99c2612-8f14-4256-81ef-062153b84702

An X-ray imaging apparatus and an X-ray imaging method can alleviate the influence of scattered X-rays relative to the obtained image. Specifically, the present invention is related to aminopyrazine derivatives useful for the preparation of a pharmaceutical formulation for the inhibition of malaria parasite proliferation. These features allow the use of the scanner to be easier and more user-friendly than the prior art. The method further comprises returning a response message from the destination endpoint to the source endpoint responsive to the request and indicating an end-to-end secure call between the two endpoints. The damping springs are compressed against the fixed contacts when the hit contact comes into contact with the barrier. The trenches formed in the substrate reduce a stiffness of the substrate, which provides less resistance to shear.

1459826589-12bf8b4f-56c0-4dec-87e5-94ecaa0177ec

A connector module and motor utilizing the same. The housing body has a base plate, two side plates extending up from the two sides of the base plate and a top plate connected to the upper front of the two side plates. One which contains degraded bitumen is treated with at least 0. The pocket is worn in the interior of a brassiere cup or bathing suit top to provide convenience and safety and is shaped

and contoured appropriately to the interior of such garment.

1459826589-1c3ffba0-efdc-404c-b5c3-d89e81b35003

A real-time, global system and method for controlling payments risk, liquidity risk and systemic risk arising between financial counterparties active in payments-based transactions. Preferably, the initiator comprises an iodonium salt, a visible light sensitizer, and an electron donor compound, wherein the initiator has a photoinduced potential greater than or equal to that of N,N-dimethylaniline in a standard solution of 2. The method involves applying forces to the contact surfaces of the specimen to deform the specimen over a period of time. The plural-bit data read voltage is larger than an upper limit of one of plural threshold voltage distributions and smaller than a lower limit of another threshold voltage distribution. Such fasteners can be formed in a variety of configurations, e. Then, the control portion performs winding prevention control of the roll sheet around the fixing member and the pressurizing member in accordance with a winding direction of the roll sheet and/or a roll radius of the remaining roll sheet.

1459826589-6ba6ad14-cd24-4ad0-b798-315d45fe99fc

An improved torch providing high visibility of the work zone to the operator, an increased viewing angle, and a reduced obstruction angle. At least one composite CI is utilized in the CMDDB. The modulation circuit generates a modulation signal based on the determined number of pixels and the clock signal generator spreads the frequency of the imaging clock signal across a frequency range based on the modulation signal. The insertion end and the bundled microtube and sensing fiber distal ends are positionable in or adjacent of cell tissue thereby providing rapid evaluation of cell parameters by optic fiber sensing, fiber sampling of cell parameters, and precise delivery of therapeutic fluids or additional treatment measures. The pilot valve has an open position in which fluid can flow from the first fluid conduit to the second fluid conduit and a closed position in which fluid cannot flow from the first fluid conduit to the second fluid conduit.

1459826589-e6c2731c-1d3b-4162-9086-27043ebd908e

Methods for matching semiconductor processing chambers using a calibrated spectrometer are disclosed. The device includes a first current generator outputting a current proportional to temperature. Accordingly, a digital copying machine having a facsimile function can be provided in which automatic printing is not inhibited unnecessarily. Each bettor of the plurality is enabled to provide input regarding at least one portion of their respective at least one wager prior to the event. A secondary cutting blade angle is formed by the pair of secondary cutting blades ranging from 35 to 105 degrees, and a primary cutting blade angle is formed by an imaginary intersecting point between the pair of primary cutting blades ranging from 15 degrees to 35 degrees.

1459826590-0692f794-92ec-4133-bd60-aa342a4945dc

A MEMS filter has an input layer for receiving a signal input, and an output layer for providing a signal output. The method includes defining a proximity limit and automatically generating a transaction for a tradeable object. Methods for producing a maize plant that comprises crossing maize variety 10096210 with another maize plant. The system also includes a processor to receive the query, retrieve a set of comment clusters, select engaging comments from each comment cluster, aggregate the engaging comments, identify a plurality of independent comments and display a list of engaging comments to the user.

1459826590-3f1f3011-601b-4e0c-92dc-9d2fe51fa542

Methods and apparatus for programming a memory cell using one or more blocking memory cells facilitate mitigation of capacitive voltage coupling. Weight selectors are movable laterally into and out of engagement with respective weight plates to secure them relative to the handle. In this heat-peelable pressure-sensitive adhesive sheet, the heat-expandable pressure-sensitive adhesive layer before

heating may have a center line average surface roughness of 2  $\mu\text{m}$  or less and a maximum surface roughness of 5  $\mu\text{m}$  or less.

1459826590-dcb839b3-46a2-4d09-9965-6580c9223631

The semiconductor device includes a semiconductor substrate, a diffusion layer, an interconnect layer, a contact plug, a contact-inspection hole, a via plug, and a via-inspection hole. A housing includes a lower portion designed to move over a flat surface, and a casing portion engaged by a palm of a user's hand. A second packed data operand having at least two data elements is then accessed. Techniques are presented to address recovering data lost during the standard data transfer mode in an efficient manner and preferably without the use of the file sharing mode. The entertainment system may in addition drive a plurality of speaker devices.

1459826590-f879902c-9e07-4875-bb96-78f0657b9879

A programming implementation providing support for reusable software units built in a hierarchical and modular form. The housing has a mounting body and a mating body coupled together and separated by a gap. The wader includes an adapter strap configured to couple between the shoulder strap and either the front portion of the bib or the rear portion of the bib.

1459826590-ff638374-b77c-48b4-a519-83b20f9e71fc

A control device includes an input member drivingly coupled to at least one of an internal combustion engine and a rotating electrical machine as driving force sources of a vehicle. The circuit can be divided into net-partitioned blocks. The filling system also includes a pressure sensor can produce a pressure signal representative of the pressure within the enclosed environment of the disc drive. A heads-up display module can provide an informational display in any of at least two of the optical modules or both.

1459826591-29ba950b-31ed-4ec7-b8b2-4a59deb5c75e

A thin-film multi-layer high Q inductor spanning at least three metal layers is formed by forming a plurality of parallel first metal runners on the semiconductor substrate. The output control system is configured by an image output apparatus 1 and a plurality of information processing apparatuses 7. In one embodiment, signal-to-noise performance is optimized even if some of the binaural cues are sacrificed. Each of the sub-circuits is equipped with the data input from the data bus, the input of the counter, the activating input, which determines the presence of the given protocol header in the packet, and with the input of the position of the header start in the packet.

1459826591-62c14371-6e8d-4d88-bec2-6402c5a90ccc

A new and distinct Lantana plant named Baluclem, characterized by its yellow flowers upright mounded habit and dark green foliage. So that the parking brake system or its electromechanical actuating unit only needs to cope with relatively small load situations, it is proposed that, when, for certain operating conditions, the parking brake system has to maintain brake forces which are greater than the brake forces it is able to generate itself, the service brake system generates the additionally required brake forces. Each pair of input signals is detected by one of N phase-frequency detectors, which produce N pairs of detection signals indicative of phase differences between the reference and feedback signals.

1459826591-aabf434f-8d47-4546-ab32-78b138372399

A power tool includes a housing having a handle configured for a user, the handle defining a first axis, a motor supported by the housing, the motor defining a second axis along a length of the motor, a tool element movably supported by the housing and drivingly coupled to the motor, the tool element defining a third axis along a length of the tool element. The flows may include feeding back design transformations that are performed during either flow so that a later performance

of the other flow will necessarily include the same transformations, thereby helping to ensure functional equivalence. A tool is automatically configured using the obtained tool type and tool setting, where the tool is associated with manipulating the composition.

1459826591-bc6dd057-069d-44ba-8a75-a10421b195da

A remote control device when actuated by a user transmits a visually perceptible coded signal to a sensor associated with a doorbell which receives the signal and causes activation of the doorbell as desired. The method also includes automatically determining variations between the first image and the second image. This preserves the fuel for later use and helps reduce the risk of environmental contamination. The gate is disposed on one side of the metal oxide semiconductor layer. All of the spectral peak information is then used to augment a feature vector. A tongue-shaped coverplate is provided that extends from the standoff and provides safety features by covering the keyhole feature.

1459826592-9f495bf6-a742-4ce7-a5e7-acba0168cf0f

A cable management system includes an equipment system, and at least one patch panel having a connectivity interface. The sliding panel may move linearly with respect to the fixed panel and outer frame along the length of a header, and a guide bracket cooperatively engaged with the sliding panel may be partially positioned in a guide track formed in the fixed panel bottom rail. A water nozzle with a pan and tilt capability can direct water where it is needed.

1459826593-21667cc6-a62d-467c-b136-861903b1e441

Sub-aquatic sediment is covered with capping material by a capping system comprising a template barge and a spreader barge. A wireless transmitter forms blocks of symbols by inserting training symbols within two or more blocks of information-bearing symbols. The lens is shaped to have a recess near its center, and is shaped so that a moving radius increases as a polar angle increases within a range of 0 to 80 degrees. At least one of the wick fibers is formed of a pyrophoric material. Also, at least some of the transaction information is sent to an intermediary computer system that is configured to interact with a plurality of banking networks in different countries.

1459826593-30071a94-fee4-4207-9028-db82ac5f3a71

Elevated levels of cathepsin E are demonstrated to be diagnostic of intestinal forms of cancer, such as colorectal cancer. The moving object can be located through a detection unit, such as a voice sensor, a codec, a color sensor and an IR sensor, and be automatically tracked by suitable adjustment of the rotation angle of a camera. Such an adapter provides universal mounting for specialized faceplates which are designed and intended for junction box mounting. The resulting electrode couple is activated by a nonaqueous electrolyte. Orientation of the playing surfaces may be varied during play to achieve a more comfortable position for either the fingering hand or the strumming hand thereby improving ergonomics of the instrument.

1459826593-85a40e25-1767-40a4-955f-ea763dba21e4

An electronic handheld device with remote cable release mechanism, a handle portion and method for performing the same. The music signal can be created by the musical instrument or from a file, e. As the piston moves between retracted and extended positions the bolt carrier is moved between closed and open positions. The manufacturing operating system is then installed on the virtual IHS. The retaining rim includes a locking surface engaging structure, most preferably provided by a plurality of outwardly directed flutes spaced circumferentially thereon and a second securing structure located on the retaining rim between the flutes. The invention describes various types of anti-CD26 antibodies and modes of administration.

1459826593-ea7d659f-30e5-445b-a3f6-c35251b80c5f

A system for charging lapping plates incorporates the use of individual ceramic inserts that are mounted into a stainless steel frame to form a novel charging tool. At least one other opening proximate to the open end serves to admit air into the mixing tube for mixing the air and the gas fuel. The compound modulation transfer function can include a combination of modulation transfer functions at a plurality of distinct frequencies. The hardness of the first region exceeds the hardness of the second region to thereby selectively improve the strength, toughness and fatigue resistance of the first region. The data line is set to the high impedance state when the periods T1, T2 are changed over and the voltage level of the data line is preliminarily changed to the VDD side or the VSS side before driving by positively utilizing the parasitic capacitance between the counter electrode and the data line.

1459826594-3a3b8faa-ac0f-41eb-bbab-e2875634d7fe

A method for actuating an electromechanical parking brake device for a brake that can be actuated by an electromechanical actuator comprised of an electric motor and of a reduction gear connected downstream of the electric motor and provided for converting a rotational motion into a translatory motion. The method includes local control and relative priority lookup of incoming ATM cells and packets to support output decision. The housing, clip, ferrule and fiber optic cable are supported by a pallet assembly. The multiplexed signals are then transmitted over LH or ULH network to a second primary terminal where the signal is then demultiplexed from other optical signals and transmitted to the proper extension terminal.

1459826594-da612ffb-2d13-4a84-900f-a2414fec29e6

An image forming apparatus includes a first toner image bearing member, a second drum, an intermediary transfer member, or belt, a secondary transfer member, a toner charging member, and a controller for controlling an operation in a single-color image forming mode and an operation in a multi-color image forming mode. The stack package includes: a first package; and a second package stacked on the first package, wherein external leads of the first package and the second package are directly connected to one another and inner leads thereof are arranged in different shapes so that the Chip Select signal of the second package are input through a No Select pin of the first package. Also disclosed is a method for making such a lens. The power control unit resumes the power supply to the first bus device and the bus bridge in response to the recovery signal.

1459826594-eeeeedf16-bea1-4fe0-b908-e9adc56cb04d

The invention relates to methods and computer-readable medium to implement computing the propagation velocity of seismic waves in the earth. The semiconductor device generates variable heating loss. The damper piston comprises at least two coil windings on the outer surface of the damper piston, wherein the damper piston is capable of generating a magnetic field between the damper piston and a wall of the damper cylinder. Preferably, two inserts having a collar and a stem have a combined length that reinforces the predetermined spacing within a predetermined tolerance when compression is adjusted. In one embodiment, the first turbocharger configuration results in a motor speed of 1500 RPM and a frequency of 50 Hz, and the second turbocharger configuration results in a motor speed of 1800 RPM and a frequency of 60 Hz. In another configuration, some or all of the lugs may be contiguous.

1459826595-6033d362-9cb2-44e8-b063-3d49c89085dd

A system and method for improving the dynamic performance in an analog-to-digital converter by randomizing the differential mismatch. with a high frequency or ultra-high frequency at 10 KHz or higher to remove the diffusive hydrogen which is involved in hydrogen embrittlement, or to transfer an existing state to non-diffusive hydrogen which is not involved in the hydrogen embrittlement. The digital video receiving apparatus further includes a video decoder, an audio decoder and a



data decoder for decoding signals outputted from the demultiplexer. The waste is treated in the reactor substantially without agitation, and a sufficient amount of oxygen, moisture and/or nutrients is added into the waste material. The overall checker sensitivity numbers can show the robustness of the check system.

1459826595-a4558510-74aa-41c9-b437-157fd590998e

An operation member is provided with a planar input device, and a detachable display sheet is overlaid on the surface of the planar input device. 3 mol % or more based on the total number of the constituent units of the resist polymer :in the formula, L is a divalent linear, branched, or cyclic C1-20 hydrocarbon group which may have a substituent and/or a heteroatom; R11 is a g-valent linear, branched, or cyclic C1-20 hydrocarbon group which may have a substituent and/or a heteroatom; and g represents an integer of 1 to 24. A card reader optically reads the script printed as an array of dots on one surface of a portable card, which has a visual example of the likely effect of the script on a second surface of the card.

1459826595-fec916aa-a66b-4070-bc38-e3c796fb74d1

A method, for use with an advanced function printer, for automatically printing a source document in a print copy format having the largest acceptable print page image size on the fewest number of print copy pages. According to one embodiment, a first signal is provided from a desired location that includes an unwanted signal while a second signal is provided from an alternate location. The lens cap detection system further includes a processor that communicates with the lens cap detector.

1459826596-494ffffaf-d368-4169-b283-68f4362175ef

Disclosed are compounds, compositions and methods for treating viral infections caused by a flaviviridae family virus, such as hepatitis C virus. The lift has a carriage that can be moved by a cable and a motor upward or downward and which includes a platform that has sensing means for controlling the motor for stopping downward movement of the carriage when it engages the ground. Based on time managed by a time management unit, a time of the image processing request and the image processing restriction information, an image processing restriction corresponding to the first function or the second function is determined based on the received image processing request for image processing of the corresponding function. The interactive video player in operation creates in real-time a custom video that includes a plurality of video segments. More particularly, the 5-fluoro-1H-pyrazolopyridines of the formula are suitable for preparation of the compound of the formula which serves for production of medicaments, for production of medicaments for treatment and/or prophylaxis of cardiovascular disorders. The strength of the base member is increased by setting the width of the bend-formed portion at the root of each of the rising pieces in such a way as to be larger than the width of any other part of the associated rising piece.

1459826596-751d0c30-d7d3-4f73-9831-fa64492c1f13

A real-time system changes a combination of coil elements and channel assignments for each echo by using a pulse sequence, and collects data without performing phase encoding. The active area includes a first doped region of first conductivity type and a second doped region of second conductivity type. Variable resistors of a power supply connected to such filters, systems and methods provide for controlling and adjusting for any undesired voltage excesses and/or shortfalls within these filter tanks so that the fluid flowing exiting these filter tanks is unbiased to generate a filtered fluid having balanced electrostatic charges. The guide is rotatable about the guide rod so that it may be swung away from the working surface when the guide is not in use. The roughness of the surfaces of the light-sensitive material satisfies the relationship of formula :. One method includes establishing an initial estimate of a property distribution of an object, using a first reconstruction process to reconstruct an estimate of the actual property

distribution and using a second reconstruction process different than the first reconstruction process to further reconstruct the estimate of the actual property distribution.

1459826596-75bc58a4-fd0e-48ed-89f9-fe66cb988a7a

A pixel structure and a pixel circuit having multi-display mediums are provided. Various device class protocols can be realized at the interface application level of the semiconductor storage device, which makes it possible to simulate and realize the storage functions of various storage disks. The proximal end of the movable operating member 5 is pressed downward by a guide pin 6 in response to a reverse action of a bimetal 7.

1459826596-a0620d18-c425-49ba-8a7b-fa4b1e9126a4

An improved multi-port memory cell circuit which has a smaller number of write lines and/or transistors than conventional multi-port memory cells, and hence occupies a smaller area, is provided. The inventive search engine has an associated crawler function wherein display images of the web pages are rendered and stored as snapshots, preferably when the pages are indexed. The metal oxy-nitride or metal-silicon oxy-nitride material has a higher dielectric constant in comparison with a silicon dioxide, providing similar or improved electrical characteristics with a thicker thickness.

1459826596-ba9293f2-a1f5-4b84-87b7-80b6ea269f02

There are provided an optical disk device and tilt correction processing method for performing recording/reproduction by rapidly acquiring an optimal tilt correction value for an optical disk having a plurality of recording/reproducing layers. An architecture description language description of a processor/memory system is accessed. The present disclosure enables a remote radio head unit to be field reconfigurable and support multi-modulation schemes, multi-carriers, multi-frequency bands and multi-channels. This allows the identity of the container or its contents to be communicated to a remote location. A closure covers the opening and is sealingly attached to the neck to contain the aerosol within the plastic bottle.

1459826598-093551c4-c032-4da4-b840-7eeb17467ca5

A plasma display device which improves the adhesion rate of a thermal conductive medium. The malleable tip is configured for passage of fluid therethrough and includes a malleable member. A radially expandable member is disposed about the exterior surface of the first tube. It is possible by means of the geometry to generate low-loss gap vortices, in order to increase the overall efficiency of an axial compressor including the compressor blades. When the game is run for a predetermined number of times, the gaming machine ends the chance mode. Thus, less precise AGC units can be used, thereby reducing production costs as well as the size and complexity of the AGC unit.

1459826598-ba53a45f-3a4f-447c-8d33-0c4d66f93d7f

In one aspect, the invention involves an acoustic logging tool for performing acoustic investigations of subsurface geological formations. The tool may be used in co-operation with an apparatus for providing information. Or, the steroid may be associated with a polymeric coating having one or more openings effective to permit the steroid to be released into an external environment. A sensor measurement signal output device is provided for outputting the sensor measurement signal from the sensing device.

1459826598-daa5b616-7b0b-4d18-8136-ac01e1ff1b1b

A device, a remote control unit and method for controlling a plurality of devices, the method including receiving one of a plurality of user commands as an input; and transmitting one of a first and a second of the plurality of control commands in response to the one of the plurality of user commands. A blue light type white

color light emitting device including a 410 nm\2013470 nm blue light InGaN-LED, a fluorescence plate of ZnSxSe1-x doped with more than 1\% Al, In, Ga, Cl, Br or I for absorbing the blue light, producing 568 nm\2013580 nm yellow light and synthesizing white color light by mixing the yellow light with the blue LED light. The electronic circuit is also configured to identifying a driver, compare the identity of the driver with a predetermined list of drivers of the vehicle, and change a plurality of operational parameters based on the identity of the driver. When it is determined that the estimation result satisfies the reporting condition, the controlling means retrieves the capture information associated with the estimation result and causes the retrieved capture information to be transmitted with the estimation result to the external center. At least one of the enabled functions taking a substantially shorter time for enablement, thereby allowing at least two of the plurality of functions to share a common driver output enabling signal. The temple fastener, in one embodiment, can be hollow plastic tube with one end inserted in a press fit into the end of the temple.

1459826599-2555d9ae-b6a1-463a-93aa-4103a0a176fa

A system and method are provided for allowing users to verify the presence of personal items. The method includes entering input details corresponding to a clients' software service usage data. The pressing rod is pivotally arranged on the base and has a protrusion. A method for connecting a mobile device to a destination base station in the wireless communications system, may include steps of receiving a mobile device measurement report, transferring context information from a serving base station to possible target base stations, and receiving admission control information from possible target base stations. The braking elements slidably move from a retracted position to an extended position. A process of manufacturing the resin composition and a method of preventing the melt dripping during combustion of the resin composition.

1459826599-5b1d9472-f249-4ae3-b931-7418bbc1d95a

Secondary content is encrypted for distribution to client terminals by selecting at least a portion of raw encrypted audio-video data that is provided on a media article as an encryption key, encrypting secondary content using the encryption key, and storing encrypted secondary content at a remotely located host. The method and system includes generating a phonetic transcription of a portion of the audio file, analyzing the phonetic transcription and identifying a vocal segment in the generated phonetic transcription that is repeated frequently. The contacting members are each configured and arranged to contact the user over a limited contacting region, which corresponds to a junction of the orbicularis oris facial muscle, the zygomaticus facial muscle, and the risorius facial muscle. The distal portion of the shaping element may taper so as to have a reduced cross-sectional area in the distal direction, where the portion of the shaping element distally adjacent to the juxtaposed proximal portion and core paddle is enlarged. In particular, the invention relates to quinazoline and pyridopyrimidine derivatives which exhibit protein tyrosine kinase inhibition. A toy has an appropriate wireless signal receiver and control circuit responsive to the tone signal that controls one or more electrically operated devices that can provide at least two different, electrically activated responses of the toy apparent to an observer.

1459826599-e90ebd6a-211e-4083-b631-00f58d22acbb

A method of forming a polished semiconductor structure comprises polishing a surface of a semiconductor structure by chemical mechanical polishing. The device is obtained from a retailer and worn as a badge while at the cinema or while listening to the radio or TV. In turn, a network device is coupled between the dedicated domain and the public network, and is further coupled to the cloud server via the private network. , to simultaneously satisfy both pattern addition and modulation/demodulation. After the win judgment module has judged that a reimbursement set threshold is reached, stop execution of the reimbursement game

module. A portion of the filling layer and a portion of the fins are removed, using the patterned mask layer as a mask, to form second trenches in the substrate.

1459826600-026bb544-a778-42f1-8a14-471a59278dcd

A user control assembly is provided for use on a vehicle having a processor, a steering wheel, and a plurality of vehicular systems controllable by the processor each having first and second adjustable features. One of these cup sleeves is selectively fixable to a cup using a temperature-dependent adhesive that is effective to fix the cup sleeve to a disposable beverage cup when the cup is holding a warm or hot beverage. The chute is secured at an inner edge to the post and at an outer edge to the wall. This system avoids the use or creation of water, and liquid MSA is an amphoteric solvent that increasing the solubility and reactivity of methane and SO<sub>3</sub>.

1459826601-29d0b123-cf6b-48d8-98ae-128a943c58a3

Music selection systems and methods are disclosed. The magnetic toner has a weight-average particle diameter of from 3 m to 10 m, a magnetization intensity of from 10 Am<sup>2</sup>/kg to 50 Am<sup>2</sup>/kg under application of a magnetic field of 79. A technique is disclosed for transforming a combination or strategy contract with an arbitrary number of buy and sell legs with an arbitrary volume ratio for each leg into a form that can be used for rapid implied order calculations. The menu may be dynamically configured according to the context in which the display device is being used. When the node requires a service, it can inspect the registry and the cache to determine where the service can be obtained. When the period for investing expires, the donor may relinquish investment control, and the asset and any proceeds realized by its investment may be transferred to the donee.

1459826601-bb5e81dc-c547-40c8-b19c-7c89a29989b7

A charging device includes a charging member that charges a surface of an image bearing body. The cartridge includes a sample processing portion that is in fluid communication with a sample retention structure. Self-jamming is prevented by inverting a portion of the received signal in the first mixer and then coherently detecting the partially and synchronously inverted signal in the second mixer. Such modified membranes have use as reverse osmosis membranes.

1459826603-3c4bc8f6-5511-45c6-8a06-e7733480337a

A computer implemented method for acquiring and presenting data for business analysis, and a computer readable media having program instructions for enabling the same are provided. In one exemplary embodiment, a quick release nut is provided that includes an upper body portion and a lower body portion that are rotatably connected to one another. The flexible portion may be detachable from the rigid portion, which allows the flexible portion to be disposable while the detachable portion is reusable. The underlying cushion and/or base wall define a spring constant that varies along a length of the seal. The method includes receiving a neighbor sounding signal from a mobile station in a neighbor cell, obtaining an interference information signal based on the neighbor sounding signal and transmitting the interference information signal to a neighbor base station, the neighbor BS which is a BS in the neighbor cell. In one embodiment, the technique is realized by assigning a transmit duration for each one of the plurality of outstations by the head-end; and assigning a transmit frequency for each one of the plurality of outstations by the head-end; wherein bandwidth for each one of the plurality of outstations is adjusted dynamically at the head-end.

1459826603-aaa02147-9451-44aa-98a7-84386d684f21

A dual damascene process is disclosed, in which a contact via and trench pattern is etched into insulating layer. The readwrite capability regulating circuit individually sets a writeread capability of each of the writeread circuits. In one embodiment, the systems and methods can be applied to networks that use a layer-1 redundancy scheme. A flexible or pliable jamb is provided in the kit.

1459826604-a126555d-7e01-4981-9387-d9f5ce07682c

In one aspect, an arrangement for cooling of an electrical machine is provided. The flexible container includes a patch having at least a portion of the patch overlapping an opening of the flexible container. The next layer, which in certain embodiments is the middle of the sandwich, comprises a relatively thin plate with spring arms.

1459826604-d56a2675-bec8-4c94-887b-218f5aecaff0

An outer casing of a non-aqueous electrolyte battery is capable of being mass-produced as well as thin and resistant to damage. A position detecting part produces a position signal in response to a rotation of the rotor. A control module relatively near the source's local area network and another control module relatively near a destination's LAN are utilized to complete the initial TCP session establishment within the source and the destination's respective LANs, thereby substantially eliminating the first round-trip time delay before the actual data flow begins. The side access garbage container allows the user to remove the garbage bag without lifting it from the container, but simply by sliding the filled bag out from the access section. As soon as dew forms on the surface of the element, the optical signal will exhibit selective absorption due to the interaction of the evanescent tail of the optical signal and based on the chemical nature of the condensate. By this means, it is possible to secure variations so that there are no positions where there is no pulse at all while achieving a reduction of the number of bits used when coding stochastic codebook pulses in order to attain a lower bit rate.

1459826605-c9ced5c6-d149-4363-89df-14ee12e5d1c7

A memory controller that includes an interface to a first memory and an interface to a bus coupling the memory controller to at least one processor. The device includes a display disposed on the device for displaying video captured at a second device. In embodiments, the cluster stickiness index is generated by comparing cache keys shared among a plurality of front-end clusters. A developer may provide a software command associated with the gesture.

1459826605-cbc3cff9-cbec-475e-bcbe-586ee69defab

The present invention relates to the calibration and alignment of an X-ray reflectometry system for measuring thin films. The icicle-shaped bulbs are serially connected by a set of wires. The second circuit may be configured to generate one or more pairs of complementary output signals and a plurality of open-drain outputs in response to a third control signal, a fourth control signal, a fifth control signal, and a sixth control signal. Suitable mechanical action includes performing a brief tungsten CMP step on the tungsten features or scrubbing the surface using, for example, a commercial post-CMP scrubber. Thus, exhaust ability can be improved, and error discharge due to crosstalk can be prevented from occurring. The mounting assembly has upper and lower mounting elements detachably engaging with each other in the coupling direction.

1459826605-f9049584-1039-4ab7-8692-1595ed009bbf

A computer-implemented method and apparatus includes displaying a plurality of network devices on a display screen, and enabling selection of one of the network devices for configuration. A signal processing and control unit controls the photoreceiving unit so that the output signal increases in strength as a blinking cycle count increases in each detection period. The strap assembly includes a strap bracket; and a buckle insertion member; a strap to secure the flexible cover in a rolled up configuration proximate the front bar when the flexible cover is not in use to cover an opening defined by the perimeter of the cargo box. The proximal end of the spring member is affixed to the cannula, and the distal end of the spring member is movable to apply a compressive force to adjust the size of the opening of the loop member and compress tissue disposed within the opening of the loop member.

A cradle socket is fixed between the first and second arms, and the cradle socket is configured to secure the cross piece bar within the cradle socket where the cross piece bar is struck with an impact force less than an impact force capable of causing a horse or rider to fall.

1459826606-0ab7b6f2-237c-43b9-a336-67419d88ebd7

The present invention relates to a header structure for a TDD system which uses preferably an OFDM transmission system. The invention also relates to a device for conditioning products displaceable along a guide track. Further, if an execution of a first instruction in the VM completes successfully, control is transitioned to the VMM following the successful completion of the execution of the first instruction. A checksum compute module is written in a second programming language different from the first programming language. In a multi-media application, the amount of data that is transferred between the processor and sub-components is substantially reduced, and the efficient partitioning facilitates parallel processing.

1459826606-2898b02e-c912-44b7-8b5e-7a93c20f87ba

At least one implementation herein enables interleaver and deinterleaver buffer modification during Showtime. The compounds include those of formula I, . A pressure check piston having a fluid flow orifice along its longitudinal central axis slidably engages the inlet socket and the outlet socket.

1459826607-150b52e8-f9b4-47fa-92a7-0fb5aa10c3ab

The invention relates to a process for reaction of a carbonylatable compound using a metal complex catalyst comprising a metal of transition group VIII and an organophosphorus ligand and in the presence of a stabilizer based on a sterically hindered secondary amine. These extents are annotated with statistics about the information they contain. An exhaust-gas turbocharger has a turbine and a compressor, which is driven by the turbine. When a user follows such a link and then makes a purchase, the system preferably awards a commission to the associate. The interrupt scheduling scheme of the present invention is operative to perform the scheduling of interrupts used to configure a data transfer device to effect the timely transfer of data from a hardware based chip rate processor to a memory buffer for subsequent processing by software running on a DSP or other processor platform.

1459826607-8c9023a0-c249-4599-8f95-2e02b2499034

An antireflection film wherein, even where exposure light enters obliquely in a liquid immersion lithography technique, a sufficiently reduced reflectance can be achieved at the interface between a resist layer and a silicon substrate. The user input mechanism combines two existing and prevalent forms of user input: cursive handwriting and keyboard input. The thicker second wall is engageable with the item in efficient heat transferring relationship.

1459826607-fc8fab4a-a5a2-4570-97ce-d5cfdde2b1b6

The present invention relates to the compounds of the formula and salts thereof. In preferred embodiments of the instant invention, the activatable deprotecting reagent is a photoacid generator and the protective groups are DMT for nucleic acids and tBOC for amino acids. The controller chip writes data inputted from the host apparatus into the flash memory chip or the IC chip and transfers data read from the flash memory chip or the IC chip to the host apparatus, based upon commands from the host apparatus. In wells where one or more antimicrobial agents are present only pathogens resistant to the antimicrobial agent grow. The addition-crosslinking silicone rubber mixture comprises at least the following constituents:. The LED based lighting systems may include fixtures with one or more of rotatable LED light bars, integrated sensors, onboard intelligence to receive signals from the LED light bars and control the LED light bars, and a mesh network connectivity to other fixtures.

1459826608-3313bc86-7872-420c-b53d-33a63be0a689

A method, apparatus and program storage device for updating a non-volatile memory in an embedded system is provided. The dual shoulder strap assembly includes first and second shoulder straps, and a lower end of the first shoulder strap is received in and connected to a pocket on the body. For example, a relatively high dose of HIFU can be used to permanently block nerve function, to provide a non-invasive alternative to severing a nerve to treat severe spasticity. A second receiver module may be adapted to receive a communication signal characterized by the first set of signal characteristics. Each of the wells receives one of the first and second ends.

1459826608-ee6fb35d-53bf-4d4d-bb70-fb8271659bca

An intermittent lift plunger includes at least one seal mandrel, a bottom sub and an upper valve assembly. The method includes providing a solution comprising a solute dissolved in a first solvent. The rotational axis is along a transverse direction, the transverse direction being substantially perpendicular to the machine direction. Moreover, according to the design method of the IC, circuits having different specification can use the Dft circuit without performance degradation for original SD-ADC.

1459826609-46234474-c37e-4b9a-936f-f2aa46990ad1

A method and apparatus for producing molecular oxygen in the excited singlet delta oxygen electronic state for use as an excited species reactant in a chemical laser. The air deflector includes a deflector body with four side members, each having a pair of opposed ends and a mid-portion therebetween. Dopant diffuses from the layers of dopant into the layers of III-V compound.

1459826609-4d8e0cd7-d650-4ab1-8aab-5d0e24dadfe9

A system and method is described for controlling user access to a carrier's shipping services for delivery of a package. A controller is connected to a foreign-body detection device and to a first valve for controlling the actuator that controls the hydraulic pump. In some embodiments, the unique barrel device may comprise a non-newtonian type of fluid housed and contained in the barrel by a para-aramid synthetic material. The etalon filters the constructive signal with a transmission stopband imposed over the passband of the constructive signal. The weight discriminator sends the respective results to an airbag controller. One or more embodiments relate to optimal mixing.

1459826609-aadd6b5d-f558-4a6f-b43e-2b77dee920b1

A memory system is disclosed in which hardware assisted leases are utilized to control access to shared data resources among data users. It obeys commands received from a non-serving base station to decrease its transmission rate, it initiates the predetermined time period in response to receiving such commands, and it terminates the predetermined time period in response to a further command from the same non-serving base station. The first end projection of a first partition member of the plurality of partition members is alternately receivable in the at least one wall groove of the vehicle cargo area, in the at least one first end groove of at least one other partition member of the plurality of partition members, or in the second end groove of the at least one other partitioned member. The glazed section is provided with at least one continuous electrically-conductive transparent thin layer, and the seal is made conductive at least in part to ensure connection of the electrically-conductive transparent thin layer to the structure. The cerebral spinal fluid is aspirated from the first catheter to the pump, cooled to below body temperature, and returned to the second catheter. Other embodiments are described and claimed.

1459826609-b974a664-3b6b-497e-baf9-4c95ff942c8f

An inkjet printhead has a piezoelectric module including a plate with an integrated

ink chamber in flow communication with an integrated ink supply manifold and an integrated ink orifice. ; and a solidification step of rapidly quenching the molten metal produced through the above step, to thereby form the first RE-containing alloy, wherein the solidification step is performed at a cooling rate of 102 to 104\xb0 C. A coupling member attached to the vertical support is mountable onto a separate tree stand mounting apparatus. Such disorders include, for example, Alzheimer's Disease, cognitive deficits, cognitive impairment, schizophrenia and other central nervous system conditions related to and/or caused by the formation and/or deposition of plaque on the brain. Therefore, the belt-like article is provided with not only an application as the belt-like article but also an application as a storage body for various objects, which are functionally related to each other, so that it can be used sufficiently for practical purpose.

1459826610-1f2e6dee-43ea-4a41-b063-6a937098fbd4

An automated pill dispensing system includes an output chute configured to hold pill-containing vials and an optical sensor located at a predetermined location in the output chute. The apron may have two or more rows of self draining pockets arranged along its length for storing boating accessories and a fastener for securing the opposite ends of the apron about the mooring. The hydrophobic sheet has a first sealing-free zone extending, inclusive of a first lower edge, in a circumferential direction so as to be left free from the inner side of the diaper and a first sealing zone extending above the first sealing-free zone and bonded to the inner side of the diaper.

1459826610-4ef3bfcb-4b0e-47fb-81a5-267819549914

A storage apparatus comprises a storage controller and multiple storage devices. A machining electrode subjects a surface of the object to an electrochemical reaction to electrolytically machine the surface of the object. The probe structure of the present invention solves the conventional problems such as long fabrication time of the probe structure, difficulty in finely controlling the structure of the probe structure, complexity of the whole process, mechanical instability of the products, and difficulty in uniformly assembling a plurality of the probe structures. Each notification process determines, for each received notification message, the subscriber's notification preference based on the accessed profile information, and selectively outputs a notification delivery message according to a prescribed open protocol to at least one notification delivery process within the notification architecture based on the subscriber's notification preference.

1459826610-50af1259-afe3-4ea2-9db1-5c4340ed05b6

In the semiconductor integrated circuit device, a first P type buried layer formed as an anode region and an N type diffused region formed in a cathode region are spaced from each other in the direction of the depth. The steering wheel is provided with an opening in a portion to be grasped by a driver. In some examples, a quarter-wavelength stub is used to implement the filter. Corrected frequency information may be utilized to improve the reconstructed image. In other embodiments, methods of screening agents effective in blocking viral entry into a cell, including filoviral entry or entry of viruses having at least two different viral glycoproteins disposed in their lipid bilayer, such as togaviruses, are provided. Alternatively, an oxide semiconductor film with a small amount of defects is formed.

1459826610-68afdce9-4fbd-46f3-8827-6f51135419a3

A method of defining a quasi iso-gain supply voltage function for an envelope tracking system is disclosed. The docking device includes a device housing and a charging connector that is provided on a side surface of the device housing and is connected to a battery connector of a battery pack in order to charge the battery pack. Each emergency vehicle can be identified by the uniquely individual signal stamp. The parasitic patch, as well as the driven patch is surrounded by a metal wall cavity.



1459826610-692a31b1-78dc-4a0c-b6b5-bfe601dc20a2

This disclosure relates to radio frequency power converters and methods of operating the same. An oil repellent copolymer characterized by comprising a repeating unit having a polyfluoroalkyl group, a repeating unit having a fluorescent functional group, and a repeating unit having an ester bond other than an ester bond derived from acrylic acid, and/or a hydroxyl group. A tap portion of the connector assembly may also include insulation piercing contacts for electrically engaging the second pair of wires.

1459826611-14d1c6ea-6476-4199-85a7-0318891d7669

An array of optically coupled cavities of a semiconductor laser are defined by either an etch and/or by a native oxide of an aluminum-bearing III-V semiconductor material and are arranged serially end-to-end along the longitudinal direction. Tablet computer stand may comprise a T-shaped tablet computer dock, a dock rotator, a neck, and a U-shaped base. Bias RF power is then applied to a support member to cause permeation of a wafer W by the plasma. The cover member comprises, for example, pressure sensitive or temperature-activated tape, reject dies, or the like. A light emitter which emits light when the notification signal is supplied thereto is provided in each of the first lamp module and the second lamp module. The method includes creating a second logical partition that includes the second processor and assigning a second portion of the first set of physical computing resources to the second logical partition.

1459826611-3d16121d-3b2a-475b-b5d5-da4ad82252e6

An imaging section includes a radiation source that emits radiation, a detecting panel for detecting the radiation, and a rotating section for integrally rotating the radiation source and the detecting panel about a rotating axis. The biasing force normally applied to the back panel of a mail piece, such that the front panel maintains contact with a registration plate, is controlled by an actuator such that the force can be removed when the printing module is not performing the actual printing process. The multiple phases are then combined to generate a single clock signal having a frequency substantially equivalent to the number of phases multiplied by the frequency of the clock signal generated by the multi-phase VCO. If it is in the correct format, then the PostScript emulator sets the mode flag to the MacBinary state, and the code sniffer ceases any further filtering of control characters and disables any change of emulator command that may be received during this print job.

1459826611-5afb43d5-cd45-423c-96da-22497b8da7a4

A method and apparatus for providing simultaneous enhancement of transmission loss and absorption coefficient using activated cavities is presented. An electrohydrostatic actuator of realizing a snubbing mechanism capable of increasing energy efficiency, when used for a landing gear retraction/extension device of an airplane, can be provided. The first and second integrity checking values are compared and the first section of the JPEG image data is authenticated when the second integrity checking value matches the first integrity checking value. The rear portion has at least one strap constructed of at least two layers of material. This product does not contain Na or NH<sub>4</sub> ions. An encapsulating material is placed over the dice and lead frame, with the connecting sheet keeping the encapsulating material on one side of the lead frame.

1459826612-50661cf4-d70b-4754-a118-ec1d6e82cdb2

Systems and methods for authentication generate keys from secret credentials shared between authenticating parties and authenticators. By such arrangements, it can effectively reduce the volume and the sensitivity of the lens system. Also, because the aluminum nitride is formed from a mixed hydroxide co-precipitate, the distribution of the dopants in the powder is substantially homogeneous in each particle.

1459826612-dc407af0-e016-4572-9f1b-8eb1148f8775

An apparatus for transporting animal feed in an aqueous body utilizing a container having a wall portion forming a chamber. The incorporated current-limiting layer reduces the occurrence of current spikes during the programming of the resistive switching memory device and the incorporated current-reducing layer minimizes the overall current levels that can flow through the resistive switching memory device. A plurality of wheels are attached to the chassis adjacent the rear end, and a hitch assembly is attached to the chassis adjacent the front end. The film may additionally include at least one textured surface for the low scattering of light. A dental implant is inserted into the socket.

1459826612-f92b03b6-9193-41e4-b890-76f7c7cc4db7

A monitoring system in kit form to retrofit to motorcycles or other vehicles that do not have self canceling turn indicators and as an aid to the hearing impaired. It operates by measuring a change in capacitance when one plate is fixed and one is mobile. When a data recovery procedure starts, the stored disk read data in the read sample buffer is detected. OAM functions provided by echo messaging enable OAM functions despite service volume along a core network, path or set of paths.

1459826613-0d35ce65-6f24-432d-9d7c-a0ce9551d778

A method of producing a hydrogen storage material including the steps of: forming a magnesium-nickel melt having up to 50 wt % nickel; adding up to 2 wt % of a refining element to the melt under a non-oxidizing atmosphere, the refining element having an atomic radius within the range of 1-1. The loom includes bias fiber holders, bias shuttles, and independently controllable bias arms to interweave the bias fibers. The plant also has a heating section in which the de-aerated vegetable product is heated from the starting temperature  $T_1$  to a final temperature  $T_2$ , with  $T_2 > T_1$ , obtaining a heated de-aerated product. Any cards in the initial player hand that match any cards in the house hand are automatically changed into a wild card. A deployment device rotates each of the control elements and the struts radially outwardly beyond lateral peripheral dimensions of the vehicle to a fully deployed position.

1459826613-24899e12-bd96-4738-837e-7f260f91f21f

A foldable cart assembly which is arranged to provide trackable transportation to a product or a person. The invention enables the preparation of stable suspo-emulsions containing a variety of active ingredients and components and containing large quantities of oily components. Reactive and meditative chemicals may be injected into the air flow either through the net nozzles or adjacent to the net nozzles.

1459826613-4dd46655-2856-4205-9c59-256fbbabb787

A computer implemented method and system is provided for validating a user associated with one or more social networks. The heater device can be separated from the module casing by an insulating layer or by a thermal switch. The earphone housing has an outlet passageway from the ANR component to an auditory canal.

1459826613-89866cae-c789-40f6-96b6-e98ffbbbf247

A valve system for a vessel has a valve body, and a valve stem extending through the valve body and terminating in a plug for axial movement between open and closed position as the stem moves through the valve body. The module provides network-assisted optimization of utilization of the GPS receiver and other resources by activating the GPS receiver and associated components when fine resolution location data is needed for provision of the location based services, and deactivating the GPS components when coarse resolution will suffice. A bracket is attached to the circumferential flange and secures the collar on the top part of the post while still allowing it to flex on the post. The custom zooming application determines to render one or more of the plurality of objects with at least one different level of

visibility with respect to other ones of the plurality of objects based, at least in part, on the respective degrees of relevance, the level of zoom, or a combination thereof. The variable capacitance component can also include a constant capacitor.

1459826613-d2090a4b-8f15-4872-bdd6-93ff3ff4584c

A park assist system for parking a vehicle in a target parking space includes a first sensing system which determines whether there is a sufficient slot length in a target parking space in which to park the vehicle. In accordance with the invention, the metal washer, interposed between the screw head and the mounting surface formed at the bottom of the housing of the cover, includes two radial wings diametrically opposite working together with internal parts of the housing butting and preventing a rotation of the washer during tightening of the fastening screw. In at least one embodiment, the method periodically issues bundle version identifying signals to different nodes of the network. The collar is movable along the axis between first and second operative positions. Once the scroll wheel is rotated, the revolving shaft is driven to rotate together. The test circuit models a function of the integrated circuit device and generates the test result signal when the power input has reached a sufficient voltage to perform the function of the integrated circuit device.

1459826613-eca0352f-3284-42a9-bcbc-c8e7df6364ee

A continuously variable transmission includes a one-way clutch, a plurality of linking members, and a variable gear ratio mechanism. The apparatus and method also allows for the assessment of valve function and intraluminal flow using conventional imaging modalities such as ultrasonic and magnetic resonance imaging. The first is a crossing catheter having a prolapseable or curved tip.

1459826614-2e1bf47d-d53b-4e4b-8a6c-13bd26f8e689

A semiconductor device has an alignment mark which can be recognized by a conventional wafer prober. The rotary actuator has a pivot axis, and the rotatable HSA portion has an installed HSA portion center-of-gravity. The cover accommodating chamber has at least one assembling portion. The method uses fixing-pressure-exerting means which are designed to exert a fixing pressure which acts on the mass in the mould cavity after the filled mould cavity has been closed.

1459826614-d62a1334-0c40-4bca-9dd5-3ee1bdd0ad28

A ballot processing system for processing a plurality of ballots having one or more voting selections marked thereon. A support block extends from the rear of the fixed clamp arm and a pressure spring is disposed between an outside wall of the pivoting movable clamp arm and the support block. Characteristics that may be sensed and recorded include frequency, amplitude, and duration of the acoustic events. A CIM provider may access HMC objects through a common interface, so that different repositories are allowed to be used without significant changes to the underlying server code. A magnetic resonance imaging system and a method of tuning the RF body coil are also described. The invention provides kits for diagnosis and prognosis.

1459826614-e82302fc-ffb7-450c-bf82-df0b135797b0

A method and system for carrying out a handover between base stations of a telecommunication network. According to a preferred embodiment, a call data record server is provided in communication with a prepaid calling system such that account refillcredit information is provided to the call data record server. A housing body is connected to the holder so that an annular contact portion is pressed toward the holder. Each element may be accompanied by appropriate attributes. When water passes through the supply channel, the mixing solution supplied to the dilution chamber is diluted with from the sustained release outlet. If at least one of the excluded structures is found, at least one exception handling operation can be performed.

1459826615-54fbcf5a-eedf-4670-b7d5-9f06932af664

The subject disclosure pertains to relationships between items. Then, the frequency deviation of the received signal is determined on the basis of the detected frequency deviation of the first signal and the second signal. A clearance is formed between each armature engagement members and the corresponding airbag module engagement members when the module is mounted to the molded armature. Method of generating ions in a gaseous medium having the step of applying a radio frequency voltage between two electrodes separated by a dielectric material so as to generate a plasma ion source. Also described are molecules that block proteins that promote the formation of ADDLs. The length of the grating lobe mitigation fins is established in accordance with the degree of suppression of the grating lobes produced by the aligned acoustic power sources that is desired.

1459826615-eefea984-0bd5-473c-8f2d-f455e3cad081

An electric fence for deterring animals from an area with one or more supplies of feed and at least one separate feed processing machine, wherein the fence comprises an electrically conductive member, an electric power supply connected to said member for energizing the member and arranged to provide an electric shock to an object coming into contact with said member. An example method includes identifying an approximate position of a receiver antenna. When the clip reaches its position it latches in place, freeing the user to use both hands to lift the mat and insert its upper edge between the clip and the base of the hanger. For each particular pixel, two matrices are formed that include a subset of the pixels spatially related to the particular pixel. Each trace output circuit is configured to transmit trace information to the adjacent downstream segment when in the disabled state. A dummy latch latches the test output signal at substantially a same speed as an operational latch during a normal operation.

1459826616-0f30a8e8-4a59-4ff6-8010-e081b3e1da9f

A RF front-end having two antenna switches operatively connected to two separate antennas. Normally, a safe place for firemen. A tubular insert is mounted in the housing for rotation around the axis and axially displaceable. In each instance, the quality of service may be maintained, even if reduced, to meet or exceed the minimum acceptable quality of service for the subscription. The qualifications are verified, the response data is validated, and anonymity and privacy are maintained by associating the mobile device and other pertinent non-identifying information with an encrypted identifier.

1459826616-5b1eecf6-a8bf-467e-8614-041cf90444b4

The present invention provides a method of treating a leg ulcer comprising contacting the leg ulcer with a collagen biofabric. 03% sulphur is blended, in a minor amount, with an oil of lubricating viscosity, in a major amount, to give a trunk piston marine engine lubricating oil composition for a medium-speed four-stroke compression-ignited marine engine. Next, a second fluid which is more volatile than the process liquid is supplied to the upper surface of the substrate from the fluid nozzle, while the wafer is being rotated. Information is then received via a network from a user of the user computer system to complete a rebate claim for the purchased product. The lens is prescribed as a standard unifocal lens.

1459826616-7da69493-a7b2-4b65-acc7-b4fadf6b7b56

A curb or other structure is formed by a moving slip form mold receiving material used to form the structure from a hopper. The target site may be accurately located by the UAV, and the manipulator system may accurately locate the payload at the target site. In addition, the controller is configured to calculate an elapsed time from the ignition off time to the ignition on time and determine whether the elapsed time is equal to or greater than a predetermined time. Such a mat is anticipated to be useful in service environments, such as hair styling salons,

retail outlets, or restaurant kitchens, for example. Such a seat section is adjustably pivotal about a horizontal fulcrum axis passing through the A-frame apexes.

1459826616-d72e816b-598f-45c0-b475-9b066f4be6f0

A universal memory IO generating apparatus includes a defining module, a retrieving module, a generating module, and a layout module. The process analyzes an image in terms of perceptual constructs of the human visual system and searches for patterns among analyzed abstractions of the image. By using a plurality of speakers at least one of which has a bass reflex enclosure, a monophonic system is provided with a flat frequency response. The second thermal head is arranged on the upstream side of the first thermal head in a paper feed direction.

1459826616-f7dfa9c7-8048-4b5b-bdcf-cf50254e4493

A toy figure having multiple articulating limbs connected to the torso by pivot joints that are molded in a vertical injection molding step that forms and pivotally interconnects, in situ, one member of the pivot joint to a second, pre-formed member of the pivot joint. Reagent disks are arranged at inside and outside of a reaction disk. The method further includes sensing values associated with a bucket velocity parameter, such as bucket tip velocity, during interacting with the material, and controlling the velocity parameter via commands which control a sequence of bucket orientations whereby an implement system of the machine interacts with the material, responsive to the sensed values.

1459826617-1c1adc5e-fda9-4dad-89ae-b6063b7d2ae0

The invention describes a method, system, device, and computer-readable medium having computer-executable instructions for classifying faults on an electrical power line. An interlayer insulation layer is provided between an edge of a first electrode layer and an organic light emitting layer that constitute the pixel and the distance between the edge and a second electrode layer is secured sufficiently. The support arm is adapted to lift and support the cross arm, whereupon the replaced pole may be disengaged from the cross arm and removed.

1459826617-34f32a2c-03a3-430a-9a8e-01106cab0da2

The invention relates to a method of computing a disparity, a method of synthesizing an interpolation view, a method of encoding and decoding multi-view video using the same, and an encoder and a decoder using the same. A variable ignition rate for igniting the engine permits an optimal use of the igniters and thereby prolongs their life as well as its associated maintenance schedule. Then, the electric signals are digitized and the data is processed by discriminating the data corresponding to the video image of the real object from those corresponding to the apparent video image generated by the interface. Kits for forming such implants are also provided. A phase of the equalized ISC signal may be adjusted using the generated phase adjustment signal, to generate a phase adjusted partial response signal. Depending upon signal type and/or signal strength, the power levels of certain components are adjusted and/or certain components are added to the tuner.

1459826617-7e4297bd-28d3-413b-bf80-23b5ecf4e6e7

A fuse box includes a semiconductor substrate having a fuse region, and a lower line in the fuse region that has a first region and a second region. The method further includes biasing a well of at least one transistor of the semiconductor device in response to the received testing activation signal. The composition is applied to a surface and allowed to evaporate leaving a coating of antimicrobial polymer. The digital controller is powered by the DC output voltage and adjusts the DC output voltage by controlling the output stage. E\u2032 of not less than 5\u2219 dyn/cm<sup>2</sup>. Preferably, the yttria-alumina complex oxide contains at least a garnet phase, and may further contain a perovskite phase.

1459826617-c219e497-2b6c-4d56-b40b-04abc4158508

An improved electrical connection between an inert anode and a conductor rod is disclosed. The side surface of the main pole intersecting the cross track direction is arranged on the track center side perpendicular to the track width. The first shaft and the second shaft may also be secured to one another at the distal end of the first shaft according to the invention.

1459826618-d0953d3a-2ed6-4519-84d3-dc34ce45b039

A system for monitoring the connection on an integrated circuit ball grid array comprises a connection indicator circuit coupled to at least one monitor pin of the BGA and configured to detect a pin connection failure of the BGA based on a signal change associated with the at least one monitor pin. The method includes providing a structure which includes a memory layer and a sidewall image transfer layer on top of the memory layer. As a result, incident light projected by a defect detecting system attenuates less when reaching the bottom defects. The planar structures use diffraction to force the input field to converge to a spot on the focal plane. The wireless device receives signals carrying the data packets from multiple cells.

1459826618-dc30b4bf-638f-463a-a3ce-41fe8312c3ba

The invention relates to methods, compositions and kits for raising marine fish in freshwater. The memory system includes a pair of transmission lines, a transmitter that outputs a pair of differential signals to the pair of transmission lines, and a receiver that receives the pair of differential signals via the pair of transmission lines. When the switching device is turned on, a charging current outputted from the rectifier charges the power supply unit and the power supply unit simultaneously discharges to supply power to the lighting unit. Further, a transistor with low off-state current is used as the transistor included in the voltage conversion block, whereby storage of the output potential is controlled.

1459826619-24ddeab3-fb2d-435f-8455-afd65a561162

The invention relates to a monocanalicular nasal and/or monocanalicular intubation assembly particularly intended for lacrimonasal imperforation including a probe made of a first material, in particular a flexible material such as silicone, the probe having a substantially cylindrical shape along a longitudinal axis; and a device for inserting the probe into a lacrimal canal or canaliculus. The polarization generation part adjusts the polarization state of the illumination light emitted from the light source on the basis of predetermined illumination conditions and the polarization analysis part adjusts the polarization state of the illumination light emitted from the light source on the basis of predetermined detection conditions. The second module determines a value based on the expected response and a measured response of crankshaft speed due to combustion within the cylinder of the engine. Collection of the filtrate substance within the pores of the particles rather than within the interstices of the bed enhances the filtering capacity and does not impede the flow of fluid through the bed of particles.

1459826619-520a326b-b44c-4839-aac1-86347e66eae5

When a fuel cell system is to be stopped, a controller 3 decreases the coolant flowrate to a fuel cell 1, decreases the cooling performance of the fuel cell 1 and continues operation of the fuel cell 1, and performs a temperature rise operation wherein the temperature of the fuel cell 1 is increased using the heat generated by the electrochemical reaction in the fuel cell 1. Mechanisms for reducing the number of transactions in a multiple cluster system are provided. The support bladder may be selectively pressurized when needed based at least in part on sensed physical characteristics. The polyurethane foam is an effective adhesive medium, thereby forming the core and connecting the sidewalls to form the package.

1459826619-cef0d6f0-4005-47ac-869c-1394a2fe3b06

A vehicle includes a vehicle frame, a dielectric panel mounted to the vehicle frame, an antenna unit mounted on the dielectric panel, an electrically conductive

bracket connected with the antenna unit, and a resilient ground plate connected with the bracket and the vehicle frame. The shoe cover is useful for muffling sound of the wearer. A second aspect of the invention relates to a process for dehydration of an azeotropic mixture, including a first alcohol and water.

1459826619-d11dcc3a-6f7a-456a-8f8b-583ccc0e7e30

Gas barrier layers and composites contain a low gel sheet produced from a composition containing a thermoplastic polyurethane, a hydroxyl functional copolymer, and a gel reducing additive. The decision as to whether or not to initialize and/or update the false echo memory is made using at least one value for the sensor-inherent noise, container noise and/or EMC noise for this purpose. The timeframe is divided into at least two sub-frames. Mix xanthophyll crystal or its fatty acid ester with food-grade glycol or propylene glycol, for full dissolution under 60-90°C. The device also includes a comparison module for comparing, such as by performing a cross-correlation operation, the generated frequency spectrum data and the stored frequency spectrum data in order to determine whether the weather condition is present in the atmosphere. A distal end of the shaft is coupled to the component whose movement is to be controlled and, in use, a control force is applied to the shaft to control movement of the shaft from a first position, retracted, position to a second, extended, position.

1459826619-d3d88d3a-242b-4a6d-8c17-73d614748872

A mixture which contains a) a copolymer or block copolymer A comprising one or more copolymer blocks A which are respectively composed of from 65 to 95% by weight of vinylaromatic monomers and of from 35 to 5% by weight of dienes, and whose glass transition temperature  $T_g$  is in the range from 40°C to 90°C. Different pilot signals are produced and a different pilot signal of the plurality of pilot signals is transmitted on each of a plurality of antennas. The backup data is assigned to one of a plurality of deduplication nodes based at least in part on the locality-sensitive hash key. The engineered nonmagnetic tunneling barrier layer has a tuned resistance area product. The multilevel-data creating portion creates multilevel data based on image data. There may be an alignment bar on the drum, not higher than flush.

1459826619-fa84d6ba-9f74-4f1b-a428-346650c5d2f7

A novel technique for partially improving wear resistance of an input portion of a drive ring, where power of a shifting drive is input from an external actuator, in an adjustment mechanism incorporated in a VGS type turbocharger for concurrently rotating adjustable blades, without specifically attaching a separate member afterwards is provided. A pharmaceutical composition for an iontophoresis according to the present invention, is characterized in that the composition contains a nonionic synthetic polymer, betamethasone sodium phosphate and solvent. The tolerance ring improves mass eccentricity by radially displacing the first tab at a second radius about the axis such that a radial gap is formed between the first tab and second tab. Cells may bind to one or more microspheres. In one embodiment, the power source includes a battery and a DC-to-AC converter for converting the relatively low battery voltage to a relative high AC voltage suitable for driving the electroluminescent lamp. A graphical tree view, a list view, or an artboard view may be presented to a user in order to facilitate the selection and editing process.

1459826620-5a08c6f5-b0de-49b3-a028-e42925fb8374

A fuel injector for vaporizing a liquid fuel for use in an internal combustion engine. The system operates by receiving a machine name and a domain name associated with a client at a server. Each of the first and second pixel electrodes has a pattern scattered from a center in such a manner to form four domains. Packet processing units typically are one of: a kernel module residing on the hypervisor, a virtual appliance running a packet processing engine, and a software agent running on a virtual machine and that processes packet flows between and among

associated virtual machines. The data link is then flushed each time new voice data is ready for sending by the transmitting device.

1459826620-87521684-2792-4c7b-82c9-8ccd8a755b6d

A method for manufacturing an electronic device with a plurality of lead frames for individually supporting an electronic component 6 surrounded by a casing 8, which method includes the steps of charging a resin 10 into each casing 8 on a substrate 5 on which the plurality of supporting lead frames are disposed, and cutting the substrate 5 into individual lead frames. The TFT panel includes a plurality of scanning lines and a plurality of common lines formed in one layer and extending in a row direction, and a plurality of signal lines extending in a column direction. The ribs, arcuate sections and inner ring cooperate with each other to define openings for accommodating electric wires, ropes and the like therethrough. The polygon is sufficiently big so as not to obstruct a top hatch of the vehicle. 5 atom % of quaternary carbon atoms, and a significant number ethyl branches, terminal isopropyl branches, and branching at the C3 position relative to the hydroxyl carbon. The receiving section operates with the same immunity to disturbances as a fully balanced structure, even though the transducer is not connected between two balanced outputs.

1459826620-b0558a58-b71c-4145-a5f5-87f03cc9133c

A method of charging an imaging member having an outer surface with an imaging region and a seam region. A sense circuit includes a series combination of a diode and a resistor in the path of the current to be sensed, the voltage across this series combination coupled to drive a light emitting diode. Data is destaged from a write cache to the plurality of sub-regions on the target storage devices in an order such that a minimum number of sub-regions can be combined to restore the complete copy of the data image. An emitter is arranged facing the reflective surface. , as a positive electrode active material for the secondary battery.

1459826620-e6ca6308-d76c-4f4a-b238-c7298e37bf84

A wheel assembly is disclosed for attaching to or integrally forming with an object, such as a plastic-molded tub or cooler. A trenched gate with insulated sidewalls and base can deplete the intermediate region. The disabled communications path may be dynamically moved in a logical or physical manner in an event of a communications link or node failure to maintain a \u201chorseshoe\u201d topology in the ring network. The network server may also conduct certain actions responsive to voice requests received from users at mobile units. The adhesive is used to combine the first combination portion and the second combination portion. Phase lock to a signal may be achieved after determining carrier offset in receivers by correlating successive symbols in successive headers.

1459826621-29cddca0-1314-4576-a47a-c8a3f795bf14

A substrate heating system for an inkjet printhead. Thus, light from another device is distinguished from stray light based on the idle codes. The excitation region is coupled to at least one of the non-inverted spiral section and the inverted spiral section, wherein, when excited, the interwoven spiral antenna has a circular polarization. Such freshening compositions may be used to reduce malodor and/or microbes on inanimate surfaces or in the air.

1459826621-406b1188-9682-4c81-b4f1-988594868e19

The present invention relates to RFID devices, including handheld RFID devices, and applications for such devices. The captured omnidirectional-like image is mapped onto the determined representation format. The DUV can pass through the optical fiber module.

1459826621-89d65e18-31de-493d-a777-33efa8551740

Various embodiments of the present invention provide systems and methods for data processing. The blend of surfactants is typically a cationic surfactant and an



anionic surfactant, which may or may not be used in conjunction with non-ionic surfactants. The surgical screw includes a slotted head at one end and a tapered threaded rod attached to the head.

1459826621-edaf508b-488e-488a-aa6d-b3f4b11b0922

An engineelectric generator system includes an internal combustion engine, a primary electric generator driven by an output shaft of the engine and providing electrical power. Then, an initial coupling coefficient function is calculated with respect to a distance between two adjacent ones of the resonators, and is set in a coupling coefficient function. The refresh operation can move data to different physical storage locations and extend the life of a non-volatile memory by avoiding repetitive erasing and writing of the same data value in the same memory cell.

1459826621-f3451ff9-71b5-48a1-9da1-8a42ceca56da

A sub headlight unit for use in a vehicle that leans into turns includes a plurality of sub headlight light sources to illuminate, at one side with respect to a width direction of the vehicle, an area ahead and outward of the vehicle with respect to the width direction of the vehicle. The arrangement includes, but is not limited to a concealable feature adapted to be mounted to an interior surface of a vehicle. Various parameters of the system can be monitored, and the system can be reconfigured automatically based on the observations. First and second actuator buttons protrude from the lower surfaces of the first and second switch units. Inputs to a system that incorporates the technique can include a functional job and related emotional and consumption jobs, if any; importance levels; satisfaction levels; job executors; and willingness-to-pay. The apparatus also includes a housing for containing the receptacle and mounting lugs for mounting the apparatus.

1459826622-601eae20-7d90-4f51-abe4-50fa48aabcb6

An optical fiber plug for high density optical fiber connections is proposed for matching with an optical fiber adapter, and includes a body with an elastic buckling member to buckle the adapter, and an ejecting assembly actuated at the same time when the buckling member is actuated to release the body from the adapter. The container body includes a conversion demarcation, which defines a conversion section. The self timing path uses active low signalling throughout as this can be implemented with predominantly n-type transistors matching the n-type transistors which dominate within the array 24. The shape produces a stagnation zone that minimizes flow separations at the bow wave and has a pressure coefficient that approaches zero such that wake signatures of the mast are reduced. The selected objective wavelength components may preferably have different light path lengths. Nano-tips are disposed on the walls of the channels.

1459826622-c17718f5-6e56-4f84-96f6-dcdd48a81acb

A binding device is provided which allows reduction in profile. The hook includes a hooked portion that receives an item to be mounted thereon. When the threshold conditions have been met, the method uses the calculated internal resistance to estimate the capacity of the battery element. The other of the first pinning layer or the second pinning layer is formed from an antiferromagnetic material, such as IrMn or PtMn. Ash-free, turbostratic carbon particles perform at high efficiencies in certain direct carbon conversion cells.

1459826623-510e2c01-4cc0-4786-b982-4953eeee20b2

A guide shoe for a shearer loader, in particular for a shearer-loader drive assembly, comprising at least one base wall, comprising a guide projection, on the base-wall side, for engaging under a rack drive of a rack drive arrangement, and comprising a guide surface for engaging behind the rack drive. The active integrator is configured to receive from the touch sense array a response signal having a positive portion and a negative portion. An average dielectricity constant of this materials, at applied frequencyies, exceeds 20% of an average dielectricity constant of the load. Providing the correct data needed by the user for that

particular time, location and job function. The LED chip is selected from a group consisting of a blue LED chip, a UV LED chip, and a violet LED chip.

1459826623-5957c33f-f73b-4302-a7cc-feffbc506a7d

The therapeutic treatment of a patient using intensity-modulated proton therapy is described. The apparatus enables selective positioning of the magnifying glass, from a position directly atop and flush within to a position 180 degrees forwardly from the apparatus top. Subsequently, the copper is solid-phase diffused into the first bonding portion and the second bonding portion. The activation of the secure reset signal is independent of the system reset signal. The enlarged end portion is provided with a concave articulating surface substantially congruent with the convex articulating surface of the metacarpal insert member, and the elongate shaft portion tapers generally towards a distal end of the phalangeal insert member, and is provided with a plurality of axially spaced second fins projecting therefrom. The method is initiated with setting at least one of the spherical aberration coefficient and chromatic aberration coefficient of the imaging system of the microscope to suppress attenuation of a contrast transfer function due to an envelope function.

1459826624-57fb6953-8643-471c-b93b-2ff67c8f8701

The invention is a system and method to measure network bandwidth. The carton legs provide improved free standing stability of the carton. The terminals of each battery unit contain a region of apertures which allow the adhesive of the envelope-like packaging material to seal more effectively by flowing through the apertures and sealing to itself, thereby eliminating or reducing the amount of leakage from an individual battery unit. A first motor rotates the support table and resin is urged by centrifugal force to flow along the length of each part mold until the fiber architecture is thoroughly impregnated with resin.

1459826624-6f5e1275-0a66-4944-904c-99efc10c61c8

An adhesive assembly is provided in particular for assembling a novel element on a structure or further for reinforcing a structure. The database contains multiple database objects. More specifically, the method involves the construction of a linear separator: training data is used to construct for each category a weight vector  $w$  and a threshold  $t$ , and the decision of whether a hitherto unseen document  $d$  is in the category will depend on the outcome of the test  $wTx$ , where  $x$  is a vector derived from the document  $d$ . The in-line inspection tool may include a frame extending in the axial direction and at least one magnet connected to the frame and positioned to generate a magnetic field. The adaptor includes a peripheral flange to which a segmented sprocket may be connected, and a ring extension that may be connected to a wheel hub of an irrigation vehicle. In some embodiments, heuristic botnet detection includes monitoring network traffic to identify suspicious network traffic; and detecting a bot based on a heuristic analysis of the suspicious network traffic behavior using a processor, in which the suspicious network traffic behavior includes command and control traffic associated with a bot master.

1459826624-8df5dcb6-b0c6-496f-9941-f2e80045c221

In one embodiment of the invention, a mow and row apparatus includes: a lawn mower including a mower deck, a handle, a lawn mower motor, and a lawn mower blade configured for rotation by the lawn mower motor, and wherein the lawn mower further includes at least one expandable and retractable trimmer. The second phase is added in the form of seed crystals having controlled sizes, shapes, and compositions. The actuating member moves a member such as a rotating cam, a rotating valve plate and/or a rotating valve such that changes in the suspension height rotate the member.

1459826624-db16b4fb-e1d2-4080-bad5-967cd592c0c4

Polynomial approximation based image filter methods, systems, and machine-readable media are described. A request is received conforming to a first data transfer

protocol at the initiator node to transmit to the target node. Transition metrics are completed with the aid of the real part of the signal sample. One of the languages may be selected for use in a given session, and the display representations for the selected language are then bound to the language independent representations.

1459826625-6b0bd360-8c14-470c-819a-2ef43026c8a3

An integrated energy production system and carbon dioxide reaction system for enhancing the energy efficiency and minimizing greenhouse gas emissions of thermally activated power production methods. Once an Active Set Update message is received, the data frame time offset information is provided to a timing block which may determine data frame boundary of each downlink signal. The assigned address is stored in a source storing field of an IPv4 packet.

1459826625-8947cce2-4b71-4c25-bdbf-09cf035f2e3d

The invention concerns multilayered constructions useful for forming resistors and capacitors, for the manufacture of printed circuit boards or other microelectronic devices. In one aspect, a method of improving retention of superabrasive particles held in a solidified organic material layer of an abrading tool, a portion of each of said superabrasive particles protruding out of the solidified organic material layer is provided. The carburetor has at least one air channel that supplies additional combustion air and that is provided with an air valve that is rotatably held via an air valve shaft.

1459826625-aab8f3ec-79a9-43ee-b512-98c126309692

This vehicle periphery monitoring device appropriately determines whether or not an animal detected by an imaging device is a high-risk animal which may possibly contact the vehicle. The elements are designed to be noticeable, relevant, important and engaging. The at least one line portion may extend between the at least two conductive pads and the at least one line portion may have a narrower width than the at least two conductive pads. The method also includes applying an event principle to each pre-event of the event such that a set of protected positions being augmented with an upward closure of the target, executing the event, if the actual target is defined and said event is consumable, and applying the event principle to each post-event of the event. For each support member, the first side and the second side have a top edge and a bottom edge, the top edge having a top edge length and the bottom edge having a bottom edge length, the top edge length being less than the bottom edge length.

1459826625-c31bf4d6-c478-4452-8f70-8d30f7cfafc2

A battery charging assembly includes a load management system, a charging cord with a battery connector, and circuitry for detecting cord removal or damage. A jaw is made by rolling and formed with a cam, two non-circular blocks extending from the cam and two shafts extending from the non-circular blocks into an aperture defined in each of the walls of the base. A separating film is provided on both outer surfaces, the separating film having a porosity of between 40 and 90%. The dripper insert is secured to the inner surface of the fluid conduit and is contained entirely therein.

1459826625-c4eaf798-4334-4a3f-b4f5-7d1c94837fc2

A differential amplifier circuit, a voltage regulator using the differential amplifier circuit, and a method for controlling the differential amplifier circuit. A spring-operated mechanism urges the pivotal part toward an initial position while allowing it to pivot in both clockwise and counterclockwise directions from the initial position, the sensor indicating the amount of pivoting in either direction from the initial position. Also, the developing cartridge can include an electrode disposed on the first sidewall adjacent to the developing roller shaft, the electrode electrically connected to the developing roller member, and a driven coupling disposed on the second sidewall. All the processors have access to all

regions on hits. Parametrized representations of style sheets may include bindings between parameters, which may result in more compact and efficient style sheet parametrizations in some implementations. The sequence that is used to access the received streams is irregular with regard to the output frames, and formulated such that the input and output frames are synchronized to a super-frame that corresponds to a least common multiple frame in a conventional synchronizing and mixing system.

1459826626-1fd95835-6ae7-4505-9ea1-9d1c0b854ffa

A method of preparing beta-spodumene bodies from a plastic batch comprised entirely of minerals, absent a glass component. If the motor is overloaded, the motor's output torque is not decreased and a drive circuit can also be protected. An overlay may be placed over the outer shell to conceal the areas where the sections making up the outer shell are fastened together. Even when the height of the rinsing container varies, it is possible to use the same top part and bottom group; the height of the single-part casing simply needs to be adapted accordingly. The distance between the peaks and valleys being determined by the value of the applied variable signal. The invention is also directed to a computer program product and computer system allowing for taking steps according to the invention.

1459826626-3a5c80ca-f3a6-4aaa-858d-0d13db3b9674

The invention relates to compounds of formula in which X represents halogen, and n represents 0, 1 or 2, to a process for their preparations and to their use as nematocides. Timing accuracy for the occurrence of the event commanded by each controller is synchronized in narrow range of time, preferably within a few milliseconds depending on the specific application and system. Data from an external microphone may be processed by an audio ADC and may be sent to a processor that may be adapted to perform digital signal processing operations. The pulmonary embolism candidate is presented to a user when the candidate is determined to be a true pulmonary embolism. In other words, the shock tube is on a side circuit of the main circuit used for product feeding during the fill operation. Each part then has radii stamped into the edges by the second station of the progressive die.

1459826626-c789a5bc-417e-40f5-aae6-6474ec82cfb1

Isolated nucleic acid molecules encoding human MEKK proteins, and isolated MEKK proteins, are provided. A locking protocol is performed that includes one or more explicit locking operations on objects in a first database of the database environment. The core tube is mounted longitudinally in the distal housing and has a distal tube and a proximal tube.

1459826626-f2e74a0e-8b98-40ca-a878-f2cd43aa065b

A rotary medical manifold, for delivering various fluids through a patient delivery mechanism is described. The convex region is formed protruding towards the main package body. This will cause the ECM, according to its normal engine management software, to derate the engine performance to a \u201cno air torque setting\u201d, thereby limiting the amount of torque that the vehicle operator can extract from the engine. A second sigma-delta modulator provides a second modulated control signal of a second fractional number. The user terminal receives data of a display schedule from the display apparatus, and requests the distribution apparatus to send data of content identified from the display schedule. The email forwarding address re-directs email addressed thereto to a target email address associated with the user.

1459826627-54e15d99-cb53-48c8-ac8d-ee05fd3e931b

Disclosed herein are various methods of forming a silicon seed layer and layers of silicon and silicon-containing material therefrom. In some embodiments, the backflow resistance module can include a variable-volume chamber configured to change in volume in response to a backflow-inducing event and a check valve configured to resist backflow. Instead of performing routing operations in the Internet Protocol layer of a networking stack, a \u201cmini-routing\u201d table is

created programmatically and is used to perform routing at the Data Link Control layer.

1459826627-6ebfea3e-cd8e-4ea1-9607-21c7a3613170

The invention is a digital signal processor architecture that is designed to speed up frequently-used signal processing computations, such as FIR filters, correlations, FFTs, and DFTs. Further, a method and apparatus that use a temperature-controlled keeper device to dynamically optimize an evaluation performance of a dynamic circuit are provided. In another embodiment, a method is provided that allows transporting binary XML data that does not conform to schema by also transporting the token tables that contain the mapping for the binary XML. The data structure provided by these objects allows for the reduction of necessary storage resources and the total number of stored objects. Such a design serves dual functions as a drift eliminator or regulator. Furthermore, since a discharge period can be relatively extended, the display quality can be improved.

1459826627-98c37716-4118-47f1-a2a4-9d9bd909fd93

A surgical penetrating system includes a cannula and an obturator. First, the MPEG2 data are read picture by picture, and a type of each picture is determined. One of the two elements is configured as a service flap and, by being opened, permits access to a component arranged there below without the other element of the windshield wiper cover also having to be removed for this purpose.

1459826627-b14d42dc-7e3e-4796-908b-99b86e856a48

Described is a data entry graphical user interface system for facilitating entry of incontinence product information by a consumer. The viewer program displays an application window. End shells are also attached to the modular shells. The recess can be shaped to releasably retain an ultrasound scanner connector.

1459826627-d1d0f3ea-4e51-4e4e-830a-eded332d6665

Disclosed is a method of configuring routing information in a network router linked into a network. The ortho-mode transducer may include a first surface having an aperture defining a common port, a second surface having an aperture defining a vertical port, and a third surface having an aperture defining a horizontal port. The bottom panels include a hopper bore defined therethrough. Based on locating a matching entry in the branch target buffer preload table corresponding to the search request and failing to locate the matching entry in the branch target buffer, a victim entry is selected to overwrite in the branch target buffer. Consequently, the complex functions of the apparatuses are controlled in a centralized manner.

1459826627-f6a883e8-de93-4a7a-87a8-f95053f6ade4

Optical components may be precisely positioned in three dimensions with respect to one another. An evaluation switch in series with the plurality of parallel non-volatile re-configurable resistance state-based memory circuits is configured to provide an output signal based on the programmed states of the memory circuits. The protruded guide portions contact the ink cartridge holder to move the levers in the opening direction.

1459826628-667776bb-9e54-4855-b6c8-55868c2f4f60

A syringe made of borosilicate glass and having a cone for fastening or mounting of transfer adapters and needles is provided. The handle portion is adapted to receive a pair of batteries therein. The source point devises an encryption-key chain via a one-way function, and encrypts combinations of the label information incorporated within the packaging and objects using encryption keys from the encryption-key chain to produce one or more encrypted label tags. A cap is detachably mounted to the top of the body to hold the resilient pad in place. The substrate includes electrical signal conditioning components mounted thereon. The vibration isolating member is provided at the clutch inner.

1459826628-8abce71e-d66f-493e-8f85-2d0f5e05f3c9

A method of operating a wireless receiver. When one of the barriers encounters a foreign object in a certain manner, the barrier moves towards its tripped position, thus causing a corresponding change to the operating characteristic of the lawn mover, be it a termination of the cutting process, the mower drive process, or both. The phase noise characteristics and frequency stability characteristics are not affected, since the start-up quickening voltage is removed after the predetermined length of time.

1459826628-a58808b5-ce32-4c33-966a-7b11da146e5f

A powder feeding container is made from paper, resin film, or a synthetic film made with paper and resin film, the container containing powder within, and having a peak at one end, which is formed from an incline that starts from a middle of one edge of the container. The protector comprising a flexible thin battery and a conductive layer disposed on one side of the battery. The laser beam diameter controller controls a beam diameter of the laser beam, and includes an aperture.

1459826628-c746cd26-da99-404c-9637-1d167551e0ae

A hydraulic coupling that is used for connecting hydraulic tubular lines includes a male plug which will mate with a standard tube end flare. A computer-implemented data mining system mines taxpayer data to identify taxpayer profiles for taxpayer compliance issues. A system, an MME, and a UE for preventing bidding down attacks during motion of the UE are also provided.

1459826628-e0c077e5-e6f3-4f14-a0c3-9b23b57c6980

An electrical connector including a circuit board, a contact spring insert, and an insulation displacement terminal insert wherein the contact spring insert is positioned between the insulation displacement terminal insert and the circuit board. Image information is stored into at least one buffer for display on a plurality of display modules. The present invention therefore is useful in producing low-cost and nutritious spreads with a pleasing texture and excellent spreadability. The top layer is coupled to the middle layer and the middle layer is coupled to the bottom layer. The code objects are definable and movable within the graphical white board area, and the inter-code object connections are creatable within this area. The invention relates to the seeds of soybean cultivar SY32157, to the plants of soybean SY32157 and to methods for producing a soybean plant produced by crossing the cultivar SY32157 with itself or another soybean variety.

1459826629-19ec6923-6e04-4380-8214-01396bc52b89

A new variety of Verbena named \u2018KLEVP11419\u2019, particularly characterized by having good flower quality, good branching, and flowers with large white eyes, is disclosed. The phosphor includes a phosphor composition including a rare-earth element employed in a compound represented by the equation:  $L3Si6N11$ , wherein L is one or more elements selected from La, Y, Gd and Lu, the rare-earth element is one or more elements selected from Mn, Ce, Pr, Nd, Sm, Eu, Gd, Dy, Tb, Ho, Er, Tm and Yb. The cam and the cam follower have at least first and second pairs of cam surfaces in which a first cam surface is disposed at a different cam or helix angle than the second cam surface.

1459826629-277ca983-6a64-42cb-a56f-b4c1b2cbd785

Provided is a method for producing a pigment, in particular, a metal phthalocyanine, in high yield and in a green process. It provides a highly efficient meta-analysis infrastructure for performing research queries across a large number of studies and experiments from different biological and chemical assays, data types and organisms, as well as systems to build and add to such an infrastructure. The method includes providing a host-site accessible to an on-line viewer and web-linkable to a retailer having an apparel site.

1459826629-31fc58fb-301d-440a-acf0-6c5b93c99af8

There is disclosed a suction dredge system and method. A liner is present between the opening and the copper including structure. The second layer has a melting point of at least about 210\xb0 C. The invention further relates to a medical system that comprises such an instrument.

1459826629-5aec8b07-2c68-4e9a-b050-472dfc3f2942

An aminocarboxylic acid chelating agent, preferably EDTA, or a salt thereof has been found to be useful for inhibiting particulate formation in piperacillintazobactam parenteral combinations. The process is performed reversibly. The attachment layers melt in a reflow process. in a first crystallization device and a second crystallization device connected in parallel, and subsequently cooled in a second stage of the crystallization to a temperature of 40 to 50\xb0 C.

1459826629-67953186-41c1-4c82-8440-07a74edb8a5e

The present solution provides systems and methods for generating DNS queries that are more resistant to being compromised by attackers. A first free end of the at least one strip is held in position securely in a groove formed in the steering wheel base body. Otherwise, the micro mirror reflects the light beam on the first path to follow a third, fourth and fifth path out of the projection lens. In one embodiment the scope is intended to facilitate insertion of an intubating device, which comprises an elongated semi-rigid stylet including first and second ends and at least one inner lumen connected to a module. In an embodiment, the adjustment amount is proportional to the difference.

1459826630-23ae3a14-d1e9-4a6a-9cf0-9550a5f9365a

A diagnosis and repair recommendation system for a railroad locomotive is disclosed. The originating and terminating devices exchange candidate information through a P2P server, except that the candidate information for the terminating device is altered before arriving at the originating device. To initiate or terminate a video visit, a data center establishes a data connection with each participant, and thus the flow of data between the participants moves across a computer network and via the data center. In a more particular implementation, nanotubes are produced on full-scale wafers and functionalized. The invention is also drawn to diagnosis kits for the implementation of the method. The display device further comprises a display controller having a data input for the analogue data signal, a sensing unit adapted to evaluate the overall light emission state of said frame and an output for generating at least one sparkling signal for the one or more display pixels having a high light emission state exceeding a sensed low overall light emission state of said frame.

1459826630-291a3112-d93d-40a6-a7a1-7611c9c9da95

A method for the design and layout for a patterned deep N-well. A hierarchical protocol stack having a plurality of interfaced protocol layers is defined. Other text which may be used as a basis for searching includes communications from other attorney terminals, from artificial intelligence objection messages, and personal notes. A bar code reading device in another embodiment includes reprogramming circuitry enabling the bar code reading device to be reprogrammed either by way of receipt of programming data over a radio frequency communication line or by way of processing memory stored image data.

1459826630-619d5fbb-1d4a-48ff-8180-1a65d0550fad

Provided is a method and system to transmit data to a configurable integrated circuit that features delaying a capture edge of a clock signal at a data latch to synchronize the receipt of data at the data latch that was transmitted in response to a storage device receiving a launch edge of the clock signal. Two ends of the outer pipe are connected with a stop member and a connection member, respectively. The transistor load is employed to provide high gain, low offset, and a large

bandwidth for the differential preamplifier. Electron-hole pairs are created by absorption of radiation, and the electron-hole pairs are detected by the current they generate between the anode and the cathode.

1459826630-674f4a30-4179-4f84-b42b-a6b868879a48

A door and housing assembly for controlling air flow through the housing. on a device such as a programmable chip to configure themselves based on parameter information. Aeration with slightly ozonated air facilitates a blend of aerobic and anaerobic microbes to quickly and completely digest large amounts of raw animal waste.

1459826630-6ed5ccaa-abe8-45bf-b1ec-5643b4dc4b20

A system for orientation assistance and display of an instrument that is inserted or present in the natural or artificially produced hollow cavity, and that is equipped with one or more sensor units. The assembly uses left and right side walls with flexible and resilient connector engagement members that provide at least some amount of outward \u201cgive\u201d or movement to facilitate assembly but are designed to spring back into place after insertion of the connectors. The stretch panels include at least one j-shaped upholstery channel coupled to the stretch panel, and the j-shaped upholstery channels are configured to removably couple the basecover border to a deckboard of an adjustable furniture item. A controller may have access to temperature data associated with an insulated exhaust after-treatment system, and the controller compares the monitored temperatures to the temperature data to determine whether a difference exceeding a predetermined threshold exists.

1459826631-686f68eb-244f-4e6c-8e93-8a866f593601

Asphalt cylinders or thermoplastic polymer modified asphalt cylinders or particulate forms are induction melted by magnetic field susceptor for a controlled distribution with felt paper to accomplish the construction of an industry standard BUR roofing system. A wing of the aerial vehicle comprises a pocket for insertion of the wiring harness. Each of a plurality of physical blocks included in the memory is associated with logical zones such that each logical zone comprises a different portion of the physical blocks. The restrict algorithm consists of a preprocessing stage and a processing stage. The system may also include at least one cushion strategically positioned to absorb impact forces.

1459826631-74576ab9-97bd-4e88-be06-5e0fc9f05c67

A mixer having dynamic biasing, comprises a mixer configured to receive a local oscillator reference signal and a radio frequency data signal, and a bias control circuit configured to reduce bias current from the mixer under a low power condition. Further, a peripheral portion of the first semiconductor film includes a protruded portion toward the outside from an edge of the second semiconductor film, and a surface of the protruded portion is roughened. The antigenic polypeptides and antibodies thereto can be used in therapeutic compositions for the prevention and treatment of C.

1459826631-849728ad-cc82-40d5-a608-bfe84ac5e6b1

An ink-jet head comprises a passage unit with an ink passage formed therein and a branching passage unit, and is constructed by laminating the passage unit and the branching passage unit with each other. A primary content provider transmits its multimedia stream to a first proxy that transmits the data to a destination multicast session. Various sizes and shapes of molds and micro components can be finely polished to obtain mirror-grade surfaces.

1459826631-86c3d471-8611-4cf9-a861-2689aa82f199

A process chamber includes a wafer support to mount a wafer to be processed in the process chamber, with the wafer having an annular edge exclusion area. A preferred embodiment of the invention provides an IP telephone that prepares a notification



regarding the receipt of a voicemail message. The interface module creates a parameter setting interface on the screen of the device to display a design with a plurality of to-be-calculated nets and select at least one net in response to the user's operation. The light source is adapted to produce a light beam adjusted for display on the writing surface. The sub-band has a center wavelength dependent on a voltage applied to at least one of the electrodes. The overall security score can represent an objective measure of the security of the network that considers potential security threats to the computer assets, counter measures deployed in the network to address the potential security threats, and the effectiveness of the counter measures.

1459826631-92e427e6-a76c-45d4-81dd-e4f1de33199b

A first content selection stored on a portable media device is associated with a first tag. A first of the planar surfaces is engageable by a test apparatus, in use. The resistors are aligned in a straight line.

1459826632-15ae1381-7aa7-476d-8930-de736d0cc1b1

A turbine bucket and wheelpost assembly reduces the number of buckets in the third stage of the turbine from ninety-two to ninety while reducing stresses at the assembly points of the buckets and wheelposts. At least two physiological variables, arterial pressure and distal coronary pressure, are detected by and derived from a guidewire-mounted pressure sensor. The polishing selectivity of metals to silicon oxide, silicon nitride and/or silicon oxynitride is increased by using a cationic polyelectrolyte. The pads can be left exposed to allow for subsequent connection to corresponding solder bumps on a chip carrier or a second chip.

1459826632-20b7ec79-e8b9-427b-b595-cb5cfb1f83e8

A dispensing nozzle assembly for dispensing a number of micro-ingredients into a fluid stream. The clip-on handle grip includes a grip body configured and adapted to engage a handle. The coaxial feedhorn antenna may also comprise a conductive choke-ring coupled to the outer conductive wall, the conductive choke-ring being coaxial with the outer coaxial horn portion and the inner horn portion. A processor calculates the magnitude of the grid image and evaluates the radius of meniscus curvature. The receiving portion, with or without the rod, may be rotated or pivoted with respect to the anchoring portion, and a set screw is threaded into the receiving portion to lock the rod within the receiving portion.

1459826632-41b29e25-b6a0-4e24-8ccb-caf4a73cb432

A computer creates a full backup of a target volume by copying sectors of the target volume. An advanced load address table is used to retain an entry associated with a location accessed by an advanced load instruction. The chip includes a bone conduction sensing pattern disposed within the chip and a microphone sensing pattern disposed within the chip. The chest door is thus retained in an open condition for access to the secure area for restocking a currency dispensing mechanism or servicing ATM components.

1459826632-acb7f094-9b39-42c1-ac12-8ae1ca5fa019

The present invention is directed to plants that display an improved oil quantity phenotype or an improved meal quality phenotype due to altered expression of an H10 nucleic acid. The circuit board analyzer includes a computing unit 110, a memory unit 140 connected to the computing unit 110, and an input unit 160 connected to the computing unit 110. A first protuberance formed on an interior side of the first side wall has a leading wall swept back relative to an entrance to the box, a trailing wall swept forward relative to the entrance, and a concave wall that interconnects the innermost ends of the leading and trailing walls.

1459826632-ec82128b-0d9f-41fd-9af5-9591b79d1ced

Method and apparatus for training a system model with gain constraints. The stack

of flow plates includes openings to form a coolant passageway that communicates the coolant and a reactant manifold passageway. The commodity selector selects at least one of the plurality of commodities to offer for sale which satisfies at least one criteria based on the analysis by the offer analyzer. A bulb is inserted into the bulb stem to provide illumination. A microstrip of the antenna may be formed on top of a printed circuit board and coupled to a transmission line such that the microstrip is operable to transfer electromagnetic energy fed to it by the transmission line to a dipole structure on the bottom of the PCB that, in turn, radiates a broadband electromagnetic signal.

1459826633-2578d2e8-c92d-4dee-abb5-9ccd118984e3

An apparatus having reduced wear and friction between CMC-to-metal attachment and interface of the apparatus, including a CMC component having a surface. When a radiation source is inserted into the radiation source tube and a guidewire is present in the guidewire tube, no portion of the treatment site will be obscured from all radiation emitted by the radiation source because, within the treatment region, the guidewire and the radiation source are not in a conventional, axially parallel configuration. Equivalence classes having generational ages are cloned if their generational ages are less than a threshold age. Valves and controls can vary the beam intensity and combine multiple beams. An electronic component is mounted to the bump pads and within the electronic component opening thus minimizing the height of the package. An internal combustion engine provided as an intermittent combustion engine in the aircraft has an air intake coupled through an air transfer duct connected to the air compressor to allow the transfer of compressed air thereto, and has in connection therewith a supply startergenerator unit with a coupling shaft extending therefrom to be engaged with the intermittent combustion engine power shaft.

1459826633-3836f646-a9bf-47e0-8477-a5baeb35499e

A system and method for automatic configuration upon installation of a network printer are disclosed. These compounds are MMP and in particular MMP2 inhibitors and can be used for treatment of MMP dependent diseases, in particular inflammation conditions, rheumatoid arthritis, osteoarthritis, tumors and pulmonary disorders. The air pathway defines first and second sections. The lithium adsorptiondesorption system enables lithium recovery through adsorption and desorption of lithium dissolved in seawater using a lithium adsorbent prepared with the manganese oxide in one system, wherein the manganese oxide can be used as a lithium adsorbent with high lithium selectivity. The program on the computer system at the second location may execute to programmatically analyze the graphical program via the network.

1459826633-9a945e96-b70c-40b0-8b44-fe8cb69d8fdb

A new and distinct cultivar of Euphorbia plant named \u2018Bonpridepcom\u2019, characterized by its compact and mounded plant habit; moderately vigorous growth habit; freely branching habit; strong stems that resist breakage; dark green-colored leaves; inflorescences with dark red purple-colored flower bracts; good post-production longevity; and relative tolerance to low production temperatures. The internal combustion engine also includes a front housing attached to the first end of the engine block. Limit stops restrict the degree of articulation between the adjacent elements.

1459826633-a43bf002-e788-497c-b2a5-6d1859358d89

A system and method for high-performance profiling of web-enabled application events are provided. The electrical, optical and/or mechanical change in sensor property varies according to the position, and a measurement of the property change tracks the change in orientation of a moveable portion of the optical element. The heating element includes a pair of electrical conductors separated by a positive temperature coefficient material wherein the localised resistance of the material is positively related to the localised temperature.

1459826633-b799d659-15b9-4acd-a134-4f222237e5d4

Unlike earlier methods and systems in which Radio Link Control performance was characterized in terms of the throughput, and the size of the higher layer Protocol Data Units or packets to be transferred was ignored, a method and apparatus is provided that is based on the delay of a higher layer PDU or packet. The database has a plurality of data records and is coupled to the data event agent. The subject invention also relates to processes for making such compounds as well as to intermediates useful in such processes. A load circuit 3 includes a polyphase current-to-voltage conversion circuit for converting a current value of the polyphase phase-shifted current signal  $I_o$  into a voltage value, and outputting an output signal  $V_o$ .

1459826633-dc2a48cd-d06a-40a2-bc7b-5cdec7ee7cd7

A system and method for determining a shape of a surface comprises a chromatic imaging optics for generating a dispersion in a measuring light. The varactor element has an exponential depletion capacitance-voltage relation, e. A first demultiplexer receives an output of the first flip flop and outputs peak data. Each of the collision portions protrudes toward an upstream side in the exhaust-gas flow direction, and a cross section of each of the collision portions increases from the upstream side toward a downstream side of the exhaust-gas flow direction. Besides, it is possible to recover phenols from foundry sands in the system and process described. In the manufacturing method, by executing the first circumference correction step and the second circumference correction step before and after the solution heat treatment, respectively, an expansion quantity for setting a circumference of each of the metal rings to become a predetermined length is attained.

1459826634-1349e2a4-ca15-49bb-8abf-fd34796520e7

An implant fixture is disclosed. The first layer is composed of oleophilic polymers and a photothermal converter which converts radiation to heat. After catalytic treatment, the solution is subjected to multi-stage distillation including with a thin film evaporator with a column attachment in order to recover ditrimethylolpropane and trimethylolpropane-enriched product streams. The burn pot is specially designed to accommodate the log cartridge of the present invention.

1459826634-42f96a24-5b73-49db-b02c-f35b29dc20de

A pixel structure including a substrate, an active device located on the substrate, a second reflective pattern, and a third reflective pattern is provided. The wall has a first surface and a second surface. The high voltage test probe includes a non-electrically conductive part, an electrically conductive ring substantially shielded by the non-electrically conductive part, and a high voltage contactor for electrically connecting to a terminal end of the spark plug. Even in the off-powered condition, the high pressure accumulated in the auxiliary pressure source can be used to adjust the required braking liquid pressure at the proportional pressure control valve. The digital watermark is used as a counterfeit deterrent and as an identifier. The method writes an object information block to the information storage medium, where that object information block comprises the first sequence number, the first blockid, and the second blockid.

1459826634-ca67de57-1d70-45af-9cb8-0fedd6840c5c

A mobile hospital patient bed scale is contemplated which lifts the entire bed with patient in situ on a load platform with an aperture to accommodate the undercarriage of many hospital beds such as a motor. A communications system can automatically detect when a user is placed on hold. The print drums are interlocked to each other by rotatable members including relay gears meshing with the drum drive gears, timing pulleys fixed to the relay gears, a timing belt, and pulleys for adjustment.

1459826635-822a0f2e-db98-4670-a4a6-a385c9148939

Devices and systems for ultrasonically imaging anatomical structures and performing ablation therapy within the body are disclosed. In one exemplary embodiment, a cannulated suture anchor is provided and it includes a suture-engaging member formed therein and configured to receive a suture therearound such that trailing ends of the suture can extend through the suture anchor. The wireless base station determines autonomously whether it provides the multicasting service for the plurality of wireless terminals. The porous valve metal film of the first capacitor element and the valve metal film of the second capacitor element are connected to one external electrode while the collector layers of the first and second capacitor elements are connected to another external electrode, thus providing a solid electrolytic capacitor. The mobile station identifies the GI length based on the reported frame format and the slot number, removes the guard interval, and performs processing. Processes for the preparation of such polymers and the preparation of ceramic materials from such polymers are described, as are the resulting ceramic materials and their use as ferromagnetic materials and electrically conductive materials.

1459826635-e7538e1f-f585-405d-9a0f-c28b80fbbb3f

A mould for vulcanizing a blank tire has an overall shape that is annular about an axis of revolution and includes a configuration for channelling a heat-transfer liquid in a substantially circular path about the axis. The method comprises irradiating the Fischer-Tropsch product with light and measuring the light transmitted through the Fischer-Tropsch product to determine the solids content in the Fisher-Tropsch product. The first program then digitally signs the authentication token using the dynamically-generated private key, and sends the authentication token to the second program. The invention also comprises methods for noninvasively monitoring the physiological characteristics. The display device includes a light source; a wavelength conversion member adjacent to the light source; and a display panel to which light output from the wavelength conversion member is incident, wherein the wavelength conversion member includes an inclined surface which is inclined with respect to a surface perpendicular to an optical axis of the light source.

1459826635-fca4346f-0ec1-4486-aa1a-11b26b50f3b8

A method of forming tubing with integral fins oriented parallel to its length, and to a heat exchanger tube produced by such a method. These compounds have pharmacological applications as well as uses in assays relating to TNF and other involved cytokines. Additionally, a shaker screen including a frame and a sealing element attached to an outer perimeter of the frame, wherein the sealing element is attached by one selected from thermal bonding and co-molding is disclosed. The lookup tables is scanned to identify each prefix associated with the search term.

1459826636-25ece22a-5dd6-4a24-9071-43a00fd0d0b0

A skin care element holder for use with a handheld body having a receptacle includes a substantially circular plate having a diameter between about 20 and about 60 mm. The method includes generating a hyperlink database including a plurality of hyperlinks and a uniform resource locator associated with each hyperlink. The invention is now based on the object of ensuring sufficient protection of fusesanti-fuses on integrated circuits.

1459826636-3b530435-0929-4151-97c2-bdb857213427

Partial decode results that successfully decode a subset of bar code symbol components and a quality indicator associated with each component are stored. The image forming device notifies a document information management server of a deletion permitting instruction of a document only when two conditions, i. Accordingly, the present inventors devised new imaging arrays including redundant photodetectors to compensate for faulty ones. In one embodiment, a film may be formed on the substrate following the sequential oxide removal process. The

electronic clipboard is linked to a remote computer. When a unique ID for a next function to be profiled is written to the register, the old register value and the counter value are latched to one or more buffers and the counter is cleared to start the next count sequence for the next function to be profiled.

1459826636-3f0c19e5-b7f7-489e-9cdc-c59780f2387d

A working machine includes a blade seat movable relative to a sheet plate, and a safety protective device mounted on the blade seat to cover the blades of the blade seat and including at least one swing member pivotally mounted on the blade seat, and a protective board pivotally connected to the at least one swing member. A plurality of receptacles are formed into the base substrate through the outer surface. In addition to the first leads, the semiconductor package includes a plurality of second leads which are also segregated into at least two sets extending along respective ones of at least two peripheral edge segments of the die paddle in spaced relation thereto. The secure execution mode initialization logic provides for initialization of a secure execution mode within the microprocessor. The method uses Townsend Discharge Nitric Oxide Chemical Ionization Gas ChromatographyMass Spectrometry. This invention further relates to methods for producing maize varieties derived from hybrid maize variety X5K673 and to the maize varieties derived by the use of those methods.

1459826636-58f0a2f6-1463-48ad-bfe0-4ccd85d59acf

An automated method measures coronary calcium in a living subject using x-ray computed tomography. The converter includes multiple converter modules. An actuating mechanism causes the sheath to slide proximally upon which it becomes slit at its proximal end longitudinally by blades to expose the medical device.

1459826636-8af7b6a2-c69a-4964-a192-5dbf40b94818

An apparatus and procedure for extracting pin bones from fish. The method comprises the steps of: obtaining a string associated with an application on one of the or each remote computer; obtaining a password from a user of the client computer; combining the string and the password irreversibly to generate a secure password for the application; and providing only the secure password to the one remote computer. The rail comprises a central part and two lateral parts, which are equipped with opposing rail feet that mechanically support the carriage.

1459826637-0bcc9fc5-668a-48ab-a780-860afb7b9845

A nozzle for use in a gas turbine engine includes a nozzle door having a first end, a second end opposed from the first end, and a pivot between the first end and the second end. The seed value is computed by subjecting variable data to a Secure Hashing Algorithm, and truncating the right most, or left most, 16 bytes from the message digest generated. Such surfacing films may be incorporated into composite structures, for example, by co-curing, as an outermost surface layer. In one embodiment, information relating to network traffic is monitored both by a first set of devices associated with source addresses for that network traffic and a second set of devices associated with destination addresses for that network traffic.

1459826637-850747f0-923f-48f5-bc97-e1fab54a6e93

The present invention relates to nanocapsules consisting. In an embodiment of the invention, reflected light can be redirected outward. The first polymeric material of the first element and the second polymeric material of the second element are substantially chemically similar while the first physical parameter of the first element and the second physical parameter of the second element are physically different. A second measurement provides the information to eliminate this error. The mold release wax vaporized at the time of heating and fixing a toner image to a recording material is collected by a collection member, which is provided between a nip portion forming member and the frame of the fixing device, and kept at a temperature between the melting point and the sublimation point of the mold release

wax.

1459826637-f167f10c-3229-4ae5-ac06-d5110e5c24f8

A liquid crystal display comprises an array substrate in which a common electrode, a pixel electrode, a scanning signal line, a video signal line and a semiconductor switching element are provided, an opposed substrate, and a liquid crystal layer interposed between the array substrate and opposed substrate. The investment company issues one or more classes of shares that are bought from and redeemed with the investment company at a net asset value. The separators are disposed between the members, and separate the members to form a chamber having a height.

1459826637-fc8f4bcb-f1ad-4a97-8e81-d4c78c9feaff

A disclosed semiconductor design support apparatus reads circuit description information and generates information required for delay adjustment. The toner image transferred from the image carrier to the second image carrier is transferred to one side of the recording medium while a toner image is transferred from the first image carrier to the other side of the recording medium. The estimated code phases and/or the estimated Doppler shifts of the GPS CA signals can provide the pseudo-range measurements. The method also includes generating a mapping of the at least one function, the correspondent-defined code, and the user-defined code. The various components of the present invention, and the associated method will be described in greater detail hereinafter.

1459826638-87acf428-5d42-4e16-aa9d-88a9958c70ec

A process produces microelectromechanical components from a substrate that has a first side and a second side which is substantially opposite from the first side, and at least the first side has at least one microelectromechanical element. The coupling mechanism of the plunger drive ram is provided with first and second movable members, each having toothed, arcuate surfaces, while the coupling mechanism of the syringe plunger is provided with a knurled cavity. This synchronization process builds a baseline data structure of target data files. A confidence value for a classifier is modified by a confusion factor based on a correspondence between the confidence value of the classifier and the confidence values of mutually exclusive classifiers in the hierarchical classification structure. Different electronic devices may be so tested, including transistors and interconnect structures. The oligomers, cooligomers, polymers and copolymers contain at least one oxyamine group and at least one glycidyl-containing initiator group.

1459826639-6265dffa-3422-4041-a359-a5d16d860c12

The present invention relates to the process for the conversion of 1-benzyl-3-hydroxymethyl-1H-indazole according to formula, to the 1-benzyl-3-hydroxymethyl-1H-indazole according to formula. The system generates a search query that includes a search term and, in response to the search query, receives a list of one or more references to documents in the network. Thus, the radio transmission is used as communication means, and there is no cable connecting the display device and the body unit that transfers the display data, so that the user can operate the system freely while watching the display device. A capacitor short circuits the microwave stub to ground. The invention further relates to the use of said compounds for targeted intervention in local immunological processes, as well as effective and targeted treatment of pathophysiological and physiological processes related thereto, inter alia.

1459826639-c96ef09a-b2e7-48c7-a269-7f668d81f035

A circuit structure for a lamp set which includes a socket, a lamp assembly mounted onto the socket and an electrode portion. The jaw is then at least partially closed against the protrusion, and when the handle of the tool is pulled, the jaw is both urged shut and also away from the surface from which the protrusion extends. By using 12 detectors the range of neutron energies are covered. To prevent deadlocks,

an absolute minimum number of free buffers are reserved to ensure that sufficient free buffers for performing a buffer cache resize are always available. A third storage system includes a second storage controller and a third data volume and configured to receive second copy data from the second storage system and store the second copy data to the third data volume, the second copy data corresponding to the first copy data, the third data volume mirroring the first data volume.

1459826640-c59f91bc-f452-4a7c-ae89-30b8779cebac

An engine automatic stop and restart control apparatus is provided. The disclosure describes various embodiments for programming a target programmable device by a programmer. Many of the jitter pulses are greater than two.

1459826642-1361f532-044a-4430-a627-25c53a4f47cc

A method of optimizing pre-operative procedures in the field of neurosurgery. A partition wall partitions an internal space of an exterior cover into an engine compartment housing the engine and a cooling compartment housing the air blower. The inductor is compatible with integrated circuit manufacturing techniques and eliminates the need in many systems and circuits for large off chip inductors. A plurality of theoretical spectra is calculated using one of the plurality of recipe data in accordance with various theoretical thicknesses of one of the plurality of hypothetical multilayers. The lens laminated plate includes plural lenses, and each lens is located right above a LED of each LED package structure.

1459826642-675d6a17-e8fc-4876-8dd3-621ce4a96551

A topical composition, in particular a cosmetic composition, comprising, in a fatty phase, at least one wax and/or at least one nonvolatile liquid fatty substance, wherein the fatty phase contains at least one fluorosilicone compound. The seal cartridge has two distinct annular seals positioned within opposite sides of a unitary housing to inhibit fluid flow through the housing in both axial directions along a rod that is positioned through the housing. The apparatus may include a display for displaying the weight measure and the axle identifier. In one embodiment the digital camera is tethered to the computer system by a Universal Serial Bus and the camera device driver and bus interface software control access and usage of the USB. The error vector generation unit generates a plurality of error vectors by setting one of the vectors as a basic vector and performing a calculation on each of the vectors remaining with respect to the basic vector. The data structure may include not only ASCII characters, but also extended ASCII characters different from those used in the standard ASCII table and a double byte characters set.

1459826642-ed3319d8-3cd3-438b-a5f2-4605b63c3232

A gatherer stitcher for collating signatures made of paper, paperboard and the like, for stitching the collated signatures and for delivering the stitched signatures, includes a gathering section, a stitching station and a delivery station. A compressed foam block 300 substantially fills the compartment above the passageway entrance so as to leave a free space laterally adjacent to the passageway. The module has a projector for generating light images of the dynamic process images. The copy protection key is encrypted at the host receiver using a host-client pairing key shared between the host receiver and client receiver. An example use with address databases is described, including a method for converting an input address having a subject representation into an output address having a preferred representation.

1459826643-13f0d255-daa3-42a2-9e0f-f421d24bc7b9

A coordinated action robotic system may include a plurality of robotic vehicles, each including a platform and at least one manipulator movable relative thereto. The CPU determines the moving position of the workpiece, the tool, and the drilling tool according to the command from each channel machining sequence storage portion, and outputs the determined position as a command signal in response to the pulse

signal generated at the pulse signal generating circuit. Then, as items filling those preferences are purchased, a record is maintained of such purchases, and the orders are filled over a preselected period of time. The control device determines a geometric shape defined by a time axis and a lift-height change of the needle.

1459826643-837632aa-5e2a-47ea-944b-ce2ae1c46102

Systems and methods for pushing messages, arbitrated by a Control Manager, to local and remote client computer modules in a networked architecture. In one implementation, an intermediate computer linked in communication with the different segments relays data between the nodes and selectively substitutes the hardware addresses of its own network interface cards for the hardware addresses of the nodes themselves. The subject therapies also may include the administration of other actives such as chemotherapeutics, anti-coagulants, statins, et al. Preferably, x-ray, angiography, or other imaging techniques are used to visualize and position the catheter.

1459826643-89e02d63-53d4-40a8-bf35-fdce12830b6f

The invention concerns a method of providing service data towards a set of two or more network elements of a telecommunication network, as well as a service provisioning system and a computer program product for executing this method. The new variety is commercially suitable for indoor plant production. Each camera is placed so as to acquire the light emitted towards a predetermined area of the surface of the tire by N lights and reflected by the surface of the tire.

1459826643-8b4b0216-e9c9-435c-9ba9-8ab38089351c

The present invention relates to a polygonal rib structure having ribs directed orthogonal to one plane and intersecting each other to form polygonal shapes. The body region includes a charge trapping region. The second pinhole layout is formed by another four rows of pinholes, including third and fourth pinhole rows. A developer solution used in developing the exposed resist film includes no less than 80% by mass of an organic solvent. With digital control circuit, minimum energy point can be tracked with a lookup table stored inside.

1459826644-44df1fdc-3659-4210-b3b8-420def84dbce

A leveraged procurement network system for leveraging purchasing across company and company groups includes a front-end requisition and catalog system accessible by users from a plurality of companies in different company groups. The oxidizing catalyst bed as one or more oxidizing catalysts and the reducing catalyst bed has one or more reducing catalysts. The internal channel has an inlet to receive coolant and an outlet to exit coolant. During a read operation, the current-to-voltage converter, which is coupled to the voltage limiting circuit, converts a current pulse read from the chalcogenide storage element to a voltage pulse. The sub-assemblies include multiple function user interfaces, a user interface docking station for setting the interface to a home position, temperature monitoring and control systems, and various kinematic cable drive systems.

1459826644-b916af30-5282-4aa8-89fc-0f563edf7374

A device for switching an optical beam. At least one disk is mounted in the cavity. The method is carried out by the steps of an active initial movement of the mobile member for a first amount equal to only a portion of the amount of the movement corresponding to gearshifting; and an automatic final movement of the mobile member for a second amount equal to the remaining portion of the amount of the movement corresponding to gearshifting. In this configuration, the thermoplastic polymer material may join the first layer and the third layer to the second layer.

1459826644-d415ffad-f09f-47bc-9d36-df0f654afb4f

A widened contact area of a conductive feature is formed by means of self-alignment between an edge of the conductive feature and an edge of another feature. The internal surface and the external surface have different hardness characteristics.



Other embodiments are also disclosed and claimed. The first virtual interface is used for communicating data between the peripheral device and the first application through the physical interface, and the second virtual interface is used for communicating data between the peripheral device and the second application through the physical interface.

1459826645-4dc9fcc1-8220-4f99-a4d8-3d95f12abd29

A microscope apparatus and a microscopic method that uses the microscope apparatus for examining a sample or a specimen, such as but not limited to a tissue sample or a tissue specimen, includes a convex curved distal exit window at a distal end of the microscope apparatus. Through the analog multiplexing circuit, the analog-to-digital converter sequentially connects to each voltage source and converts the measured voltage level of the source to a binary word. The regulator includes a multipath control circuit for controlling the switch state and for controlling Vpp. The sheet metal portion provides a guiding surface for guiding a media from a printing zone to the vertical feeding path. The compositions enable improved lithographic processes which are especially useful in the context of subsequent ion implantation or other similar processes where avoidance of aggressive antireflective coating removal techniques is desired.

1459826645-bf8d9695-ceb5-4681-83de-7e8d9cc7fb11

A call from a caller to an interactive voice response system may be serviced based on behavior by the caller in one or more prior calls to the IVR system. The vacuum vessel has an internal vacuum. The programmable logic circuit receives information from the program. A determination can be made whether the mobile station is authorized to operate in the domain, based upon the mobile station identifier. The rack frame can have end members offset from the plane of the rack in the opposite direction of the projections.

1459826645-d244674b-e694-487b-ad21-60b06e408a3a

The present invention relates to interfacing with electronic ink. The invention comprises a collimator construction in which a primary blade element is moved directly by means of an actuator and where at least one secondary element is movable in connection with the primary element, but does not move dependent on the movements of it when the distance between the said elements is within at least one certain operating range concerning them. The arrangement includes an apparatus for combustion of blast furnace off-gas released by the bleeder valve. The proximal inlet end has inlet openings sized to allow blood and embolic material enter the filter body. The interior of the slide stop latch contains an elongated wire having an end that engages the frame such that the slide stop latch is biased in a down position. The device includes a plurality of bus control sections respectively connected with said plurality of buses.

1459826646-0a6b85e3-ab22-4a6b-9671-c2f22961f946

A method and system for customizing a mobile application running on a mobile communication device of a user. In particular, a drill stop is shown providing a way to control the penetration of a drill bit as an access hole into the brain is being formed. In the first state, which is the steady state, a current cryptographic key is used both for generating signatures for outgoing packets and for authenticating signatures of incoming packets. Polling delays and polling-related overhead processing may be reduced or eliminated by supporting real-time monitoring of port connectivity at the port level. The inner surface may further comprise a third concave surface of third radius.

1459826646-59f1c90b-2418-4ce0-8995-c79d042efa37

A method of making an absorbent structure having a three-dimensional topography includes placing at least a portion of the absorbent structure between opposed mold surfaces. This invention thus relates to the seeds of soybean variety XB005B06, to the plants of soybean XB005B06 to plant parts of soybean variety XB005B06 and to

methods for producing a soybean plant produced by crossing plants of the soybean variety XB005B06 with another soybean plant, using XB005B06 as either the male or the female parent. An annular channel is generally formed from one of the cartridges for selectively receiving a preload ring. Thus, the portable terminal can use a common interface to read the data from the RFID tag and also transmit the data having been read from the RFID tag to the mounting base.

1459826646-a7ae8205-ba30-4fa9-bce3-1fe2bb025994

A simulation program stored in a computer readable recording medium to execute a simulation of first and second simulation objects is provided. The display can be an LCD with a top polarizer and a bottom polarizer. A pair of lines of perforations is formed across the width of the first material. Immediately after the sealing member is attached, the initial moisture absorbent is allowed to produce an effect of removing the initial moisture existing inside the sealing member.

1459826646-c23e5fdd-dc35-4c05-9d36-d8b892e941e0

A wireless communications system base station, upon receiving from a mobile station a wireless transmission that comprises a suggested transmitter-receiver configuration, can respond by automatically transmitting to the mobile station a wireless transmission comprising an indication to use instead a default transmitter-receiver configuration. The valve includes a housing having a bypass opening, an inlet opening, an outlet opening and an internal chamber between the inlet opening and the outlet opening. Upper edges of the front flaps and lower edges of the lower flaps are sealed by respective upper and lower parts of a patient's mouth to form upper and lower evacuation channels when the body is disposed within the patient's mouth. The thread root transition zone is positioned on the shank such that, when the orthopedic fastener is operably secured into a specimen of cortical bone, the thread root transition zone is located outside of the specimen of cortical bone.

1459826646-ef6b52c8-dfaa-4fbd-9b90-8eb59a2ed076

A catheter arrangement is described that is arranged to permit a guide wire or other structure to be fed laterally from the region of an expandable working element. The compounds are useful as protein kinase inhibitors, especially as inhibitors of aurora-2 and GSK-3, for treating diseases such as cancer, diabetes and Alzheimer's disease. The activation devices configured to release an activator that increases a setting rate of the cement slurry. The progression of the removal of the damaged layer and the stage of development of a newly damaged layer are sensed by monitoring the change rate of the intensity of reflected probe light in the presence and absence of the exciting light, resulting in the formation of a semiconductor device having low and equal contact resistance. The shifted amount of the adjacent pads in the second direction is larger than a dimension of the electrode pad in the second direction.

1459826647-387cc29c-1f90-44e9-b0cc-a1874a630e93

The invention relates to a power converter comprising several semiconductors and direct voltage and alternating voltage buses for electric contact between the direct and alternating voltage connections of the power semiconductors. In one embodiment, the screen that has multiple groove angles to provide better illumination than screens with a single groove angle. The first transaction including a first data request to a first address. A control device is connected to the first liquid feed device and the second liquid feed device. The user sees the three-dimensional building structure by altering the views. A file system for storing a file.

1459826647-512843f0-c7b0-485c-afd4-67c34cee7e3c

A system and method for controlling server chassis cooling fans includes monitoring operating temperatures associated with each of a plurality of temperature sensors. In certain embodiments are disclosed early region 1 deficient recombinant

adenoviral vectors and complementing E1 positive host cells whose sequences are designed to avoid formation of RCA by homologous recombination between sequences in the vector and E1 sequences in the cells. The invention is characterized in that the yarn has an USTER coefficient less than 3% and a number of staple with arc-shaped section less than 30% of the total number of staples with hollow section.

1459826647-7211077e-ea23-4c60-a0e3-4ec7a1de7412

The present invention is directed to a method and system for automatically classifying an application into an application group which is previously classified in a knowledge base. The bottom hole assembly can have a series of screens that are separated with packers in between and above and below the screen stack. The lid also fastens to a second bead that is either located on the container, or located on a partial ring that is positioned adjacent to the first bead.

1459826647-94588f6b-b147-4433-8608-9720ac2970c5

A side impact door trim buckle initiator design is provided in a vehicle armrest and grab handle region. A conductive material such as copper is disposed within the trench to produce an inductor. A back plate is used to mount the brake on the mobile carriage. The modules are typically of a thin rectangular form and have a structure formed of either a metallic chassis 12 or a plurality of interconnecting panels with knock out portions 40 to allow for connection there through to the computer component's connection ports. The benefits and costs for rerouting a flight out of an AFP are input to an optimization framework for providing the best flight time and flight reroute options. The lift assembly comprises at least one lift cylinder for raising and lowering the room.

1459826648-6b673aea-5979-47d3-aa1f-5d0fa6431d14

An oil filler neck is provided for a cylinder head cover that exhibits an oil fill opening with an oil droplet and oil mist protection device. The method and system comprise detecting neutrinos emitted by a source, measuring the angle of arrival of the neutrinos, and tagging the neutrino measurements utilizing an accurate clock. A novel form of atazanavir bisulfate is also provided which is Form E3 which is a highly crystalline triethanolate solvate of the bisulfate salt from ethanol. The ion-sensitive passivation surface can be configured to receive the fluid.

1459826648-8da090ad-8424-416c-8977-88b6bb71dc17

An information processing method in an information processing apparatus that is equipped with a monitoring unit that acquires and retains information from a printing apparatus via a communication channel using an information request or an event registration is provided. A cuvette has a central bore positioned for receiving from the sample bore the flow of the sample fluid surrounded by and in non-mixing contact with the flow of the sheath fluid. Also, in order to stably perform a silicide process for reducing the resistance of the self-aligned gate electrode, the sidewall of the select gate electrode is recessed. The device also includes a first magnetic member mounted on the torsion bar configured to co-operate with a second magnetic member mounted on the frame for generating a position dependent torque about the longitudinal axis that is configured to at least partly compensate a torque exerted on the segment by the torsion bar. The coated super-absorbent material is typically present in said absorbent structure at least at a concentration of 50% by weight of the structure, preferably even 80% or even 90%. The damper is made of a rubber material having lower density in order to alleviate and absorb impact at the time of contact with the vibrator part, thereby making it possible to prevent vibration noise due to residual vibration generated at the time of contact between the vibrator part and the stator part.

1459826648-c562e0ce-25af-4781-a536-c189d72dcf90

A method for measuring the forward power output of an amplifier with improved accuracy with a mismatched load based on probing the amplitude of the AC voltage and current in the final amplifier stage. The invention includes a first

communication system that receives and processes the initial signal to select a call center resource processor and generates and transmits an address query for the call center resource processor. Fine position sensing is provided by linear approximation of the output signal with an offset appropriate for the specific transducer having the sensed positively sloped output signal. The method also includes determining an amount of water to circulate, and recirculating a portion of the separated water according to this determination. This can obviate the need to apply another flux composition to the solder balls prior to a subsequent component attach reflow operation.

1459826648-c79ac6e4-39c2-4f67-a52a-54cb522632b4

A nano-molding process including an imprint process that replicates features sizes less than 7 nanometers. The software architecture can be utilized for developing in-vehicle software applications for installation and execution on an in-vehicle computer system. The pressurized charge may then be discharged during a tip-in to either the intake or the exhaust manifold.

1459826649-32cae3f6-b65e-4b5a-95ba-57fd16f5efea

A wireless surface wave flow sensor can be utilized for monitoring the flow of fluid. The sense amplifier driver circuit is provided for each of the plurality of sense amplifier latch circuits and supplies the sense amplifier activation signal to each of the plurality of sense amplifier latch circuits. According to an alternative aspect the invention provides more effective frequency filtering and equivalent impedance conversion compared to the prior art when the same number of inductors are used. The insulin is delivered to the patient from a hand-held, self-contained device which automatically releases an aerosolized burst of formulation.

1459826649-3b3b38b4-01bf-4ab1-844f-504f7547187d

A therapeutic device, such as an exercise device, includes the principles of osteogenic repair by incorporating a loading mechanism into the exercise device. Micromechanical and/or macromechanical surface structures having various body forms are incorporated into selected segments of the surface of the base and of the bar that connects the threaded piece with the base to accelerate the healing process after the implant is inserted into the jaw bone and to make a critical improvement in holding the implant firmly in place without rotation. The first and second scene images may be imaged onto respective first and second focal plane arrays. By tracking use on a bur by bur basis, premature disposal of used burs as well as the incidence of bur changes in the midst of procedures will be minimized while helping to prevent the negative consequences of overusing burs. In this way, track misregistration during both flow-induced vibrations and during arm bending is reduced.

1459826649-40778b03-db74-4112-908a-affda18f17eb

A method for the application of liquid through viscid medium onto the surface of a pre-dried material web including the steps of applying a viscid medium to at least one side of the material web, routing the material web through a press nip and supporting the material web substantially without free draw. A model used in such analysis describes the shape of pulmonary nodules in terms of spherical harmonics required to delineate a unit sphere corresponding to the pulmonary nodule to a model of the pulmonary nodule. The present invention further relates to processes for the preparation of compounds of general formula I, to pharmaceutical compositions comprising compounds of general formula I as only active ingredient, or in association with other active ingredients. The inner surfaces of the pocket are also formed of hydrophilic material for comfort and heat protection for the hand of the user.

1459826649-5b825697-7c37-4166-a9c6-0a5ab4c37310

A polybenzimidazole solution comprises a polybenzimidazole dissolved in an ionic liquid excluding 1-butyl-3-methylimidazolium chloride, 1-butyl-3-methylimidazolium

hydroxide, and 1-butyl-3-methylimidazolium tetrafluoroborate. The air pressure gauge assembly has a compact design to extend the valve stem or wheel rim relatively little to avoid curb contact and interference with the wheel balance. The first composite structure may comprise a first skin, a second skin, and a core located between the first skin and the second skin. An in-line module is disposed adjacent the inserter, the module including a path along which each finished mail piece is transported. The rotation of the floating cylindrical body causes the first and second waterwheel sprockets to rotate and move the drive means which are connected to a generator and in turn create electricity.

1459826649-c07b58f0-c9cd-4182-a3c5-1a080d5adb77

A spectrometer arrangement is disclosed for the determination of a radiation wavelength of radiation emitted from a radiation source to be measured. In one embodiment, the method includes creating a bonding pad over a semiconductor substrate, and placing a mask layer over the substrate and the bonding pad. A control operation of the aberration corrector and a control operation of the feeder are conducted in parallel. This allows for a comprehensive design as well as a common look and feel for the web site.

1459826650-05355f44-244e-4d00-8b03-7237d334cc37

A punch for piercing and sealing hydroforming parts has a roll forming surface that produces an internal rolled edge portion in a formed part immediately following the punch piercing the part wherein the rolled edge portion acts to effect a tight high pressure seal between the part and the punch as the punch continues to form a required hole in the part. The inventive method comprises the following steps: a) ozone is supplied in a concentration of between 0.45, each having a specific resin-based composition. The toy outputs may include a play mode and/or a persona. It means that the processing apparatus judges whether the operating user is the authenticated user, each time when the user operates. A high-quality binary image, quaternary image, etc.

1459826650-12290a79-77b2-4e99-bbb9-2d1bcfae2705

A shock absorbing fabric structure is a one-piece webbing. A first end-plate of a flexible-bladder air spring has a retention projection fixedly attached to it and the retention projection defines a retention recess into itself in directions parallel to the first end-plate of the flexible-bladder air spring. % of a hard urethaneacrylate polymer or oligomer; and 2) 1 to 25 wt. In addition, the semiconductor chip is sealed by a resin sealing body with mounting-surfaces of the metal plate terminals being exposed.

1459826650-5b0416e4-7d3e-40de-9651-50731d24e72b

A motorized jigging device that can be used with conventional fishing rods and reels. The male member includes: a base; a pair of legs that project from the base; engaging portions that are provided on the legs to be engageable with the female member; and a linking body that links the pair of legs. Particles are driven by a particle system algorithm that is controlled by real-world attributes such as gravity, direction and dispersion. Even if no power curve data is present in the memory for a variety of reasons, it is possible to easily set an optimal laser power suitable for the characteristics of the optical disc device set, thereby securing a stable playback operation and guaranteeing high recording quality. A modem unit and the like broadcast data using the selected slot.

1459826650-8a1d1ab6-e82b-4c79-882b-93059c58154c

For supplying production and packaging machines, in particular for supplying lines for producing and packaging cigarettes, an intermediate store is provided for storing packaging material, to be precise for pallets with reels of web-like material. A controller receives a plurality of form images including a plurality of strokes. The facility then receives user input selecting one or more of the displayed item indications, and selects as seed items the items indicated by the

selected item indications. By controlled heating, the viscosity of a hydraulic fluid can be controlled.

1459826651-3598140c-3236-456e-a2f4-8057cd031381

A point of sale rebate method and system allows a consumer purchasing a product having an associated manufacturer's mail-in rebate to redeem the rebate at the POS. An external rigid deflector sleeve receives an inner extremity of the air bag module and ensures air bag movement toward a deployment location of the seat during inflation. Large blocks of hot material are dropped onto the conveyor inside the tank. The data store stores generated code artifacts, and stores the generated source library for the API description. Each set of variable data fields further includes a second data field printed with either a name and mailing address uniquely associated with a numeric code or with another representation of the numeric code.

1459826651-819e0065-b193-4b32-b95a-cbe29b444f6a

The invention discloses system and method for data authentication among processors. Execution of a first application, which is generated by a first application engine, is initiated. The method and various devices provide for diversion of blood during an inductor injection process and then return of the diverted blood back into the system after the injection is completed.

1459826651-a7e62553-4e06-4dd5-8743-b304ccc46889

A reconfigurable frequency selective surface includes a plurality of conducting patches supported on the surface of a dielectric layer, with selectable electrical interconnections between the conducting patches so as to provide a desired characteristic. The film-forming device is provided with a film-forming mask 5 and film-forming means for forming a thin film on the substrate 6 on which the film-forming mask 5 has been superimposed. A front laser diode is disposed in the arrowhead and is arranged so that a laser beam emitted by the diode projects forward from the arrowhead through an aperture in the tip and is coaxial with the tip's center axis. For atomic layer deposition, the metastable specie can be purged from the containment reservoir and the metastable specie can be compressed into the reaction chamber from the reservoir. Such compositions comprising such organosilicones are easier to formulate, and provide more economical and superior care benefits when compared to current silicone containing compositions.

1459826652-59359219-6089-41ed-9e4f-a5bd821ab981

A housing for a device operated under at least one of a vacuum and a protective gas includes at least one housing interior space, at least one receiving region configured to receive at least one getter material, and a connection between the at least one housing interior space and the at least one receiving region. The algorithm is non-blocking and may be performed in a parallel, multi-processor environment. The sheet conveyance apparatus moves the shift unit in the widthwise direction when it is determined that the overlapping portion of the sheets has reached the conveyance roller pair. This configuration can increase the mechanical strength of the shadow mask. The masking of the parallel storage device interface interrupt if no storage device is coupled to the parallel storage device interface allows the controller for the serial storage device interface to share the interrupt traditionally assigned to the parallel storage device interface.

1459826652-5b9dc19c-3bb5-4197-a686-038f09f891a9

Systems and methods that identify the Upper Layer Protocol message boundaries are provided. Rotating vanes are mounted on a shaft. Moreover, according to the number of terminals making an access, the number of terminals which perform the MIMO transmission can be varied. The ferrule holder includes an alignment key exposed to mate with a cam activation tool to lock rotation of the ferrule holder relative to other connector components. In the case discussed above, one piece of target image data and \xd7 pieces of pixel data relating to all comparison areas and

corresponding to this target image data are stored.

1459826652-c4468405-52a0-4239-91df-402f7516369b

A device for conveying powders through pipelines including at least one pumping device which in turn includes a suction inlet and a delivery outlet and a tubular chamber with opposite ends connected respectively to the suction inlet through an input valve and to the delivery outlet through an output valve. The item includes a main loop-like main body portion having opposed first and second ends. The regulating structure is provided with a triggering structure to act on different ratchet block. The engaging portion preferably includes two generally annular ribs and. The second D flip-flop receives a high level signal at a second input terminal and the first event signal at a second clock terminal and outputs a second event signal at a second output terminal.

1459826652-d3d1a8ac-1742-4f9d-9102-38258beb8b99

A spray pyrolysis method for producing pure metal and/or metal oxide particles uses a mixture of a carrier gas and a solution of a metal salt precursor, water and a co-solvent reducing agent. The tunable optical units tune respective optical waveguides, each of which includes an inner core disposed within an outer cladding. The motion of the forming roller in the forming operation is stored, the shape of the mandrel near the point of the forming roller contacting with the work is estimated based on the motion of the forming roller from a time point before one rotation of the mandrel, and according to the estimation, the rotational speed of a motor for rotating the mandrel is controlled for the forming operation.

1459826653-78758c66-d5d1-4d12-bddc-470ec91c3418

A Heating, Ventilating, and Air Conditioning Management and Control System that provides \u201cClosed Loop Adaptive Climate Control\u201d of heating, cooling, ventilation or any combination thereof to an occupied space using standard AC electric induction motor connected to a fan and other motor or electric powered devices. The disclosure utilizes autonomous navigation systems used with pantilt cameras, but eliminates the pantilt cameras substituting a plurality of video cameras. If the main arm 4 is detected to be in its pendular position before the counterweight balancing beam 5 is detected to be in its vertical position, the logic controller 16 controls activation of the solenoid valve 15 in order to add hydraulic fluid to the jack 8 in order to bring the balancing beam 5 in vertical position. The housing is connected to the support portion of the respective bracket through a flexure hinge that permits movement of the housing and supported ball in a plane generally parallel to the surface of the substrate having the optical pattern. The method includes providing a pedestal comprising a frame constructed and arranged to support the microfabrication tool and a plurality of supports connected to the frame, and laterally repositioning the supports relative to the frame.

1459826653-dceadf70-fe2b-42fb-9afb-587ee83a3d51

Hourly CO<sub>2</sub> concentration, amount of solar radiation, and plant distribution information are calculated through observation from predetermined satellites. These designs improve collection efficiency of the vane electrostatic precipitators. Subsequently, the photographer instructs zooming in the telephoto direction or the wide direction using the zooming instruction device as necessary to thereby allow fine adjustment of the composition.

1459826654-0565de55-7599-4d4c-9394-0429e066df50

A system relating to sample analyzers, and more particular, to sample analyzers that are simple to operate and have a reduce risk of providing an erroneous result to a user. One method includes having the receiving device generate a request for streamed media that specifies an initial requested error correction level. Each flow conduit hydraulically connects a flow bore of the base unit to an associated flow bore of the transmitter unit.

1459826654-3cfae3ee-ceae-4540-beb0-a1446759e158

An eyeglasses storage box includes a body connected with a transparent, and the body is pivotably connected to the cover by two pivotal members. 263 and MPEG-4 ISOIEC standards are compressed to reduce the amount of memory needed to store these streams. The discrete dose is less than a desired dose. A secondary wireless communication link may be established to initialize the establishing of the microwave communication link.

1459826654-4dc9f85d-959e-43e0-8196-9bc706b2d2b3

A non-volatile hard disk drive cache system is coupled between a processor and a hard disk drive. An adhesive is supplied to the inner surface of the open end portion of the case at four circumferentially spaced areas, and the open end portion of the globe is inserted into the open end portion of the case. The power supply circuit board is a multilayer rigid board or a single-layer rigid board, and between the wireless IC chip and the radiation pattern is connected by DC connection, magnetic coupling, or capacitive coupling. The first and second sub-electrodes include first and second metal nitride layers in which first and second stresses are applied, respectively. During virtual machine runtime the class loader queries the HASH table in order to directly access the appropriate applet component file to be downloaded and executed by the virtual machine. The heat generating element includes at least one PTC heating element having strip conductors on both sides of it for the electrical supply of the PTC heating element. At least one of the strip conductor is provided with at least one contact projection which protrudes beyond a PTC heating element locating face formed on the strip conductor.

1459826654-99ad1740-aaf0-4c29-99ce-c52c3fdeade6

A body-conforming booster cushion seat having a malleable filler material so as to permit the cushion to conform to the body shape of a user when the user is seated thereon. In the method, a substrate is provided, a catalyst nanoparticle is deposited on the substrate, a gaseous precursor mixture comprising a constituent element of the semiconductor material is passed over the substrate, and adatoms of the constituent element are removed from a lateral surface of the nanowire during the passing of the precursor mixture. In addition, the shift-down register and the shift-up register have a bit storage capacity larger in size than the bit storage capacity of the memory device from which the pixels are unpacked, or to which the pixels are packed. A friction-resistant coating is on at least one of the faces.

1459826655-105cffff-f684-4319-a1e8-807d61f2e3fc

A method and system that enable the recipient of letters, flats and/or packages that are addressed to the recipient to determine the identity of the person or group that placed an indicia and other information on mail, i. Masking material is formed laterally over at least elevationally inner sidewall portions of the trenches. The music information service system then matches the CD tag to music data stored in a database.

1459826655-76275550-1b5f-42a5-9bdd-e6aefddc9471

An apparatus for adjusting an etching area of a semiconductor wafer includes an adjustable shielding plate. A second display panel displays an environment image of the environment as viewed through the optical lenses, and the environment image includes opaque pixels that form a black silhouette of the virtual image. Each module bus is connected to the central databus by means of a module interface. 0 pH as a pathogen reduction agent is utilized.

1459826655-80aab018-4f61-4cb5-a4ce-48801bb4edb3

A combination structure for a shoe shell has a shoe body, a toecap mounted on a front end of the shoe body and at least one connecting part disposed between the shoe body and the toecap. The expressers each have a cup for fitting on the breasts and a cup outlet to which a vacuum created by the pump can be connected. The



accessory can use the power supplied during PCD hibernation to detect user input events and wake the PCD from hibernation in response to a detected event.

1459826655-d6762d20-7571-4299-97be-a8b6410a0156

Block loading may occur during the process of restoring an electrical grid after a blackout. The adhesive tape containers are comprised of two halves with circular side walls and outer walls intended to surround a portion, or all, of the roll of tape, and inner wall segments intended to engage the inside of a core of a roll of tape holding the ensemble together. The data can also be generated as a function of excitation polarization and polarization angle orientation with respect to film crystalline axes of the InGaN well. The area of the contact ring is controlled by shaping its surface. The number of stored conversion parameter sets is a fraction of the total number of pixel positions in the cross-process direction of the pixel data.

1459826655-f5733289-32a2-4595-aedc-cf88233b404e

An antenna apparatus has a ground plane and a traveling-wave linear antenna. The ground plane has a dielectric layer and metallic plates disposed on the dielectric layer. The tantalum oxide layer formed by depositing at least one precursor and ozone gas, the at least one precursor represented by the formula: . Also, when the shutdown signal is asserted, the shutdown delay timer begins.

1459826655-f5928f40-0258-4f42-8193-08e83eff49c6

An aqueous liquid suspension containing a coated drug-ion exchange resin complex comprising a core composed of an amphetamine complexed with a pharmaceutically acceptable ion-exchange resin and an uncoated amphetamine-ion exchange resin complex is provided. A method suitable for software implementation is presented in which indels may be readily identified in a computationally efficient manner. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into PH1M1K through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. The user service tickets within the ticket cache may be refreshed as needed. The method also includes etching the substrate to form a deep trench in the substrate, the deep trench undercutting at least a portion of the sidewall spacers.

1459826656-808afdba-ba6d-46ab-b2c3-5b071e771b29

The index of refraction of waveguide structures can be varied by altering carrier concentration. The starting sequence of playing card values can be computationally pseudo-randomly generated, where playing cards will be ordered, for example by printing or sorting, according to the sequence for distribution to the player and/or dealer. When the button is pushed, a list of standby player characters is displayed to display the character names and characteristics of the characters. The cleaned gas is either discharged through the engine exhaust system or re-circulated back into the engine combustion air intake. The 1st fraction on the one hand corresponds to a proportion less than or equal to 15% by dry weight, based on the total amount of HMDZ, and on the other hand is first brought into contact with the precipitated silica and the water. The catalyst prepared according to the present invention can provide improved conversion rate of carbon monoxide and selectivity for liquid hydrocarbons when used for Fischer-Tropsch synthesis.

1459826656-e094d75b-e374-47de-88d0-afc24f8aec80

The shaped charge device consists of an outer casing that has a removable cap on one end and a sealing plate on the other as well as an interior liner; the liner defining a plurality of forwardly opening conical cavities. The compounds may be used to promote promoting hydration of mucosal surfaces. Differences between the nodes of the two files are highlighted in a comparison tree and the user may resolve the differences to create a third file or optionally incorporate the selected differences into the base file. The handle 16 is fixed to the ball joint assembly 20 by a ball screw 24 extending from the handle 16 through the handle

shaft 32 and into the ball of the ball joint assembly 20 providing strength and durability and also allowing quick, inexpensive repair thereof.

1459826657-411dba19-f915-43e4-893e-b892dc9a6cf0

The present invention has an objective of providing an optical disk having a high resolution picture and a system for reproducing data on the optical disk, which are compatible with a conventional system for reproducing an ordinary resolution picture. The detector combines indirect radiation detection using a scintillator and photodiode and direct radiation detection by placing the photodiode and a high gain amplifier in the path of radiation. A broadcasting method is applied to the AV signal providing system. The helix angle is approximately equivalent to the following equation:  $\tan \theta =$ .

1459826657-7ace373e-0058-4831-b008-eb853237bdd

In a network device, a method for verified communication includes generating a network communication message using a selection of predetermined message elements having digital signatures generated with a private key. In order to minimize leakage current and resultant power dissipation a negative VGS voltage is established in the transistors during a standby mode and a boosted VGS voltage is established in the transistors during an active mode. To address such a challenge, a client application from the media provider may be installed at a virtual machine, and may be used to decode AV streams that are encoded in a format proprietary to the media provider. The connection unit may deactivate the USB interface by no longer providing power to the USB interface when the disc switch detects that the disc has been ejected or no longer is in the disc drive. Additionally, the method includes the steps of applying a passivation layer onto the first and second regions and removing the photoresist and the passivation layer in the active first region.

1459826657-920d60bb-4127-47ff-a4a9-c4202d6034df

A sensing method and apparatus using photonic band gap multilayered material. During rendering of an object, an environment texture sample is retrieved from the environment map based on a reflection vector stored in a pixel of the reflection image. 3 times harder than the rear portion of the golf club head due to the martensitic crystalline structure of the striking face portion foamed by heating and quenching the striking face portion of the golf club head. By contrast, a traditional headphone band can comprise a pair of engagement assemblies that extend from each opposing end of the traditional headphone band. The example method includes associating the at least one of the media device, the operation command, or the person with the audience measurement data. The present invention makes available compositions and methods that can be utilized, for example to generate and/or maintain an array of different vertebrate tissue both in vitro and in vivo.

1459826657-a17f84d4-ccb4-4b42-82aa-155f72ea113b

An improved catalyst is disclosed for a process involving the preparation of benzyldiene intermediates useful in the preparation of 1,4-dihydropyridine compounds and derivatives thereof useful as medicines such as for example felodipine. In the image and image-information search apparatus and method, a user can easily acquire his or her desired image file or image-related information while he or she is watching images, even when he or she does not know any detailed identification information associated with his or her desired image. The snap-back sensitive devices are protected by a voltage shifter circuit in series with the sensitive devices, to limit the voltage across the sensitive devices, even for a high capacitance output node at its highest output voltage. The master processing node includes a broadcast generator that broadcasts TOD update packets to neighboring processing nodes. The invention proposes solving the problem caused by the loss of power dissipated in the addressed resistor by choosing, for this resistor, a material with a negative thermal coefficient resistance, which enables the addressing output of this resistor to be increased. In accordance with a

preferred embodiment, a database induction module interacts with a user interface and a vendor provided database containing product information in the form of database files.

1459826657-c24d811b-888b-457e-ab4d-2c10a24a8f55

The present invention relates to a plate holder and a liquid crystal display having the same. The DA converter circuit has nm1 capacitors, and the supply and discharge of electric charge to one of the capacitors from among the nm1 capacitors are controlled by the lower m bits of a digital video signal. The virtual coupon is provided to the mobile device based on a set of conditions in response to a request made via the proxy for the virtual coupon, wherein the request comprises context information. The disk clamp comprises a ring-shaped body comprising an outer ring-shaped surface abutting the disk, and an inner neck spaced-apart from the outer ring-shaped surface, the inner neck comprising a plurality of independently flexing teeth for contacting the latching member.

1459826657-f62b8a69-fad5-4638-b605-9e88672efbd7

The invention is to provide a high-productivity method for fabricating a TFT device having different LDD structures on one and the same substrate, and the TFT device. In one embodiment, the system includes a laser printing assembly within a printer for printing on a print medium. First terminals of the first and the third non-volatile memory elements respectively couple to a first voltage and a second voltage. The method includes defining a data path in the router comprising a path through the router along which the data portion of the data packet travels and defining a control path comprising a path through the router along which routing information from the header portion travels. The blade weld surfaces and the rotator weld surfaces are inclined with respect to each other when facing each other in the axial direction. Outer conical nitrile seals have collars placed on extended ends of the bushings and have large radiused ends for contacting inner surfaces of outside sidebars that hold the pins.

1459826658-65aa9d6f-1e66-4a01-af8b-271f93d66014

A roll paper printer having a cover movable between an open and closed position with the printer having hooks on locking levers disposed to the cover to hold the cover in the locked position upon engaging pins located on the printer body side and having an opening lever to unlock the cover. The channel state signal generator generates first and second channel state signals that are each activated for a respective time period depending on adjustable state length data. A portion of the wicking layer is exposed from under bladder material defining a bladder. The movement unit and the drawing unit are actuated by the control unit detecting a pedestrian approaching the vehicle. A method of producing such an inventive cushioned floor mat article is also provided.

1459826658-70da3cf9-d2c5-40e9-aa48-1ff2af334fa5

An organic light emitting device is provided. The farnesane or farnesane derivative can be used as a fuel component or as a fuel additive in the fuel composition. 4 inches, a compression of about 44 or less; and a coefficient of restitution of from about 0. The second switch is controlled by a controlled delay which is synchronized by a sign change of current and/or voltage in the network. These instruments include a spacer trial or set of spacer trials for determining the appropriate size spacer required for a particular surgical procedure, a spacer introducer for grasping and positioning a spacer at least partially within a receiving bed formed in the intervertebral space, and a bone tamp for driving a spacer into the receiving bed.

1459826658-7e95531a-4c1a-4651-9019-b8b9f5b9d1eb

A connecting apparatus includes a first grasping member adapted to hold a first elongated member and a second grasping member adapted to hold a second elongated member. The extruded compliant layer is non-voided and comprises from about 10 to

about 40 weight % of at least one elastomeric polymer. A control system for maintaining a constant current at the transfer zone takes into account a current supplied by the cleaning corotron.

1459826658-b1aed0cd-a837-4aac-9cd1-2c7f6cd86568

The apparatus consists of a self contained lighting and identification device having a strap for attachment to a SCBA tank. The acousto-optic cell includes an array of transducers. The activation device is particularly applicable to electric window winder or sun-roof systems.

1459826659-2deccf17-c05d-40b6-9a38-3a6b8c40b0b3

Apparatus and methods for beaming some or all payload component loads out to surrounding support structure and adaptably coupling payload assemblies to a support structure are disclosed. It mainly uses a pair of rotating disks to adjust and fix the inclined angle of a computer when it is installed. The system further includes means for determining a flow rate of the diverted blood through the conduit. The staff and hanger clip are engaged by corresponding locking means configured in each, to selectively and temporarily lock the hanger clip at a desired rotation angle relative to an axis defining the elongated staff. The replica unit includes a replica circuit replicating a circuit in the device that decides the first output level.

1459826659-6bba8074-59fb-4c6e-b255-60cd5f1c31ee

Provided is a polyester laminated film having a double-sided heterogeneous coating layer, and more particularly, a polyester laminated film having an excellent antistatic property and post-processability. That is, n signals can be outputted from each pixel, and storage times of the n signals are different from one another. By remotely placing the payment functionality on the central system, payment data are never managed by the merchant or by the user. The adjustable band includes a plurality of openings for receiving a button attached to the bathing suit. According to other embodiments, the nano crystals include gold nano crystals and gold nano crystals. The supports are contained within support sleeves which are sewn onto the nylon webbing.

1459826659-b2e7939c-3098-46dd-8df8-b88ae73f7802

A device comprises a programmable communication interface and a processor. An active chip terminal is disposed on the active chip. The wick is embodied with different geometries, including cylindrical and flat.

1459826659-d658cba5-516d-4bcd-bb13-ec5db471f142

The invention provides compositions, methods and kits for high speed, high resolution of analytes by capillary electrophoresis starting with uncoated capillaries. The seating apparatus includes a stowable seat having a seat cushion supported on one or more legs above the floor, a seat back that is foldable upon the seat cushion for stowage of the seat, and a seat receiving recess in the floor for on-board stowage of the seat. The endless tracks support the spline balls for free rolling, recirculating movement during axial stroking of the intermediate race within the outer race through its full range of axial stroke.

1459826659-e2a2bb1d-c363-4a12-b18b-61506dbd9b13

Packets can be intelligently sliced by removing irrelevant portions of a packet, while retaining relevant portions. The first switching circuit switches between first and second states. Establishing the VPN tunnel comprises the mobile node communicating with the home agent at a public address of the home agent via a private network, a NAT device, and a public network and the home agent assigning the mobile node a first public address.

1459826660-b050503b-29b7-4eab-8a8b-b9f3c16028ce

The present invention provides an organometallic compound represented by the

general formula or, process for producing the same, metathesis reaction catalyst containing the same, polymerization process using the same catalyst and polymer produced by the same polymerization process: . A backlight and a mask form a plurality of light sources which are imaged by a lenticular screen at first notional viewing windows. The hull also has a seat surface for seating the hull against a complementary seat surface in a firing chamber of a firearm. A method for the determination of water content by means of Karl Fischer coulometric titration in a diaphragm-free cell, whereby the Karl Fischer reagent is used, and the coulometric titration is carried out in a diaphragm-free cell. Cleaning power is delivered from a capacitor through one of the SCR strings using a resonant circuit, the resonance which causes the SCR string to commutate off after the impulse has been delivered.

1459826660-bf767c3b-56a9-45fc-a6e8-5df65e905533

According to one embodiment, a solid state image capture device includes a multilayered interconnect layer, a semiconductor substrate, a pillar diffusion layer and an insulating member. The guidewire lumen for a rapid exchange catheter is provided with a narrowed or sealed section allowing for passage of a guidewire therethrough while preventing fluid flow while a guidewire is disposed therethrough. In a preferred embodiment, the ablation needle, when engaged with the delivery needle forms a coaxial connector adapted to electrically couple to an ablating source. The outer cover perimeter has a protective sidewall that extends upwardly, normal to the outer surface, for protecting the closet flange and facilitating the installation of floor tile adjacent the closet flange.

1459826660-ecce9799-70a6-4fef-9b88-bd8d35402848

A permanent magnet rotating electric machine comprises a stator having stator windings wound round a stator iron core and a permanent magnet rotor having a plurality of inserted permanent magnets in which the polarity is alternately arranged in the peripheral direction in the rotor iron core. The tire model is used in simulating vehicle response to a simulated ground profile. A fan unit includes at least one fan mounted in a fan housing that has an air input end connected to a rear open end of the housing, and an air output end opposite to the air input end. The pressure housing has opposed first and second viewports. The illuminating lamp is controlled by one of a rotary switch, a pressable switch, or a push-type switch. The throttle regulator regulates thrust provided by the thrust mechanism.

1459826661-20188411-2d37-4473-b5a3-44c3b5e0c7be

Security techniques and security mechanisms for wireless networks that transmit content such as advertisements. The image recognition process includes the following steps: an image capturing step for capturing image frame data by using an image capturing unit; and a lane line recognition for analyzing the image frame data for determining the lane lines. The magnitude comparator includes many non-least comparator cells and a P-channel transistor. The entrance surface of the prism is configured as a curved surface with negative power which is rotationally symmetrical with respect to the optical axis. A catalyst may be placed in a center of a toroidal recirculation chamber of the laser and may have integrated filters to prevent catalyst particulates from coating the chamber optical windows. The door edge protection member is driven via an eccentric lever mounted rotatably in the door.

1459826661-2f0b6068-ab56-4c72-b69d-920260ee0da0

The invention provides novel methods for measuring the metabolism of the heart. A sectional shape of a reflecting surface of the first auxiliary reflector taken along a vertical plane that is parallel to an optical axis is a shape of a parabola having an axis line downwardly extending in a forward direction a predetermined downward inclination angle with respect to the optical axis. The score can be a bi-directional matching score. When a higher traction shift exists, an operative connection is suddenly created between a controllable free-wheel unit and a

corresponding pair of toothed wheels of the new gear, and the operative connection of the old gear is at least almost simultaneously canceled. An electrical device such as a transistor or a diode can then be formed in each of the conductive regions.

1459826661-483d54cf-e1e6-4303-99e9-7b471aa20024

Provided are a nonvolatile memory device having multi bit storage and a method of manufacturing the same. The handle has a sleeve formed on one end and having a clamp and a shaft hole. A pass code is received from a second user. Optionally, one or more tools are defined by, or attached to, the cutting board. The load-enhancing device comprises a stator and a rotor arranged in such a way as to achieve a magnetic thrust load capacity enhancement by employing a number of permanent magnets, which produce an attracting force of an expelling force between the rotor and the stator.

1459826661-bc9d071b-c9a2-468e-b086-653dad864d3e

A desktop application program provides a single entry point for indicating that a file is to be sent to a recipient. At least one abrasive substance is contained in the metal matrix of the other sintered material of the reinforcing element. Each moving mean comprises at least one bar of a shape memory material and activating means to provide e. In an illustrative embodiment, the single-port memory device operates at a clock rate that is an integer multiple of a clock rate of first and second memory drivers that supply the input signals to and receive the output signals from the respective first and second ports of the multiple-port memory device. The gap extends parallel to the wall and has a length between 50% and 100% of the cavity length. The audio signal transmission method includes: wirelessly receiving an audio signal from a first external device; converting the received audio signal into audio signals of multi-channels; and wirelessly transmitting an audio signal of at least one of the multi-channels to at least one of second external devices.

1459826662-5da19dab-e056-4395-b64d-4c14ba8a9aba

A semiconductor device and method for fabricating the same which improves reliability of the semiconductor device is disclosed. Transfer function components and algorithmic transfer functions can be used to accurately measure signals that are within the frequency bandwidth but beyond the voltage range and voltage resolution capabilities of the measuring device. The pump is configured to deliver to the nozzle a mixture of water and said cleaning compound with the appropriate dilution ratio. The disconnection of the charging circuit may be conducted by use of a charging inhibition relay. Hydroprocessed effluents from both stages of hydroprocessing are fed to opposite sides of the dividing wall. The fan expanded beam produces an image of a corneal section by light diffusion; this image is captured by one or more video cameras.

1459826662-a7c87c60-1512-49b7-aa65-e8af0cfcbcb0

An antireflective coating compositions comprising a silsesquioxane resin a compound selected from photo-acid generators and thermal acid generators; and a solvent wherein in the silsesquioxane resin contains a carboxylic acid forming group or a sulfuric acid forming group. In the cleaning treatment, a spraying time of the cleaning liquid is five seconds to ten seconds. when its temperature is increased in a He gas flow at the rate of 5 to 10°C. Therefore, a reliable, quick, and less expensive device can be employed to improve measurements of ideality factors. In this case, the refrigerant-carrying pipes of the first and second regions are arranged in line with one another and have a width corresponding to one another, and the first and second regions have common, continuous corrugated rib. An equalizer device performs additional equalization of affected carriers in dependence on these interpolatedextrapolated properties, a bit loading device being adapted in dependence on the additional equalization.

1459826662-c7dfca90-67a2-41f3-b460-b020c4d06adb

A planar light-emitting module lighting circuit uses a lamp comprising an organic electroluminescence layer and electrodes sandwiching the organic electroluminescence layer as a load, and applies a current to the load so as to cause the organic electroluminescence layer to emit light. The lever arm has an end portion thereof disposed adjacent to the conveyor path so as to be deflected by an article conveyed along the conveying path. In at least some embodiments, an interface to the system is provided to allow prioritizers to be programmed and inserted to customize the behavior of the scheduler according to different print job properties. The housing turns integrally with the shaft.

1459826662-f0bd6f71-b75d-47fa-96dd-873a0591ce94

A three-dimensional optical inspection system reconstructs a three-dimensional image of the shape of the surface of an at least partially specular object resident on a printed circuit board by capturing two or more two-dimensional images of the object under different illumination configurations. A transom attachment member is provided and is attachable to both an engine and a drive unit to form a single marine propulsion system structure which can be lowered into an opening formed in a transom of a marine vessel. The second region is formed adjacent at least a portion of the perimeter of the first region and the third region is formed between the first region and the second region. The gaming device may then automatically determine changes in the values of other elements in order to maintain a constant house advantage.

1459826663-60ea02a1-6ddc-4798-98f8-670d54f3227c

Axially activated vial access adapter allowing repeated withdrawal of a medical fluid contained in the container by the use of a needleless device such as a syringe barrel or IV set having a luer connector. The sprocket has, on its circumferential edge, sprocket teeth arranged at the same pitch as the rubber projections. This may be followed by obtaining an elongated flexible planar member having a width and a length substantially greater than the width, the planar member having an upper surface and a lower surface. The device may include a chromatic dispersion compensation module which removes chromatic dispersion from horizontal and vertical polarization channels. The storage capacitor is quickly discharged to avoid a negative undershoot from occurring when the DCDC power converter is turned off.

1459826663-64582c19-9ea4-407b-ac19-5db426690138

Air is introduced from an intake chamber into a plurality of hollow fiber membranes in a casing. The specimen transporter including a specimen transport section that transports the specimen plate to the specimen imaging apparatus. , the ratio: D=percentage in equivalents of masking agents unblocking first at 110\xb0 C. The transaction, which comprises a first portion of code that is to be executed by the processor, is executed.

1459826663-73001339-ee71-483a-a558-a2563a1bb8bc

An imaging lens consists of negative first lens having a concave image-side surface, positive second lens, negative third lens, positive fourth lens, positive fifth lens having a convex image-side surface, and negative sixth lens, which are in this order from an object side. A scent material is received in the chamber. Each attaching structure is constructed and arranged to be inserted through an associated opening in a supporting structure and to be bent so as secure the choke to the supporting structure. Connectors may be placed within the opening of the flexible substrate and connected to redistribution layers of the flexible substrate. Each of these signal components is converted into a corresponding digital signal using a corresponding analog-to-digital converter.

1459826663-e3e22ef5-8602-4777-acd0-52e5f7e9e652

A flash memory and a flash memory fabrication method for increasing the coupling

ratio by HSG including forming a STI region on a silicon substrate to define an active region, forming a tunneling oxide layer on the active region, and depositing an amorphous silicon layer on the silicon substrate. When the storage-device system receives an access request to a file, the utilization of these databases allows the storage-device system to make the access to the access-target file. Connection identifiers associated with active connections and inactive connections may be stored in first-in first-out active and idle queues, respectively. The pad electrically connects the USIM chip to the mobile terminal when the USIM chip is inserted into the mobile terminal. Also, each of the one or more anonymous end-user applications is enabled for uses not requiring a link to the identified end-user. Relating a current location to one or more entries in an MMSS Location Associated Priority List enables scaling a range of entries in the PLMN list, indicating whether the MSPL apply to the entire list of PLMNs stored in an access terminal or to some subset of the PLMN List.

1459826664-43f471a2-635d-4cdf-a76c-8ca04b0853e8

A helmet-type PET device includes a helmet portion and an added portion. The sleeve protects the tube from damage if the sleeve is struck by a hard object, and creates an airspace around the tube to protect the tube from cold and prevent the escape of fragments from a broken tube. The application optimizes the existing procedure for the activating/deactivating of the ISR, enables the ISR processing at the network side and the UE side to be consistent in height, and thus avoiding unnecessary signaling expense. A selecting unit selects one of the encoding results obtained by the plurality of variable-length coding units. In at least the second position, the cleaning members engage the agitator, such as by engaging the friction surfaces, to remove debris.

1459826664-d75d2206-2fcb-4f91-9d43-6fc42b28d51f

A system and method for redundant transmission is provided. A surface of the heating plate making contact with hair is inclined by a predetermined angle relative to a horizontal plane of a handle, and a far-infrared ray device is installed on the surface of the heating plate. At least one processor in the system has a local storage. Three image stores are maintained, one for lesion images, one for \u201cnearby skin\u201d images, and one for reference-white images. By generating predicted data for the bit streams over a second time period, the present invention provides a longer \u201ceffective\u201d look-ahead window buffer time period without increasing system delay usually associated with increasing the \u201cactual\u201d look-ahead window buffer size. , occurring in the output during the transition from intermittent control mode to continuous control mode to hinder stability, responsiveness, and low power consumption.

1459826664-ec988ee6-da05-4180-ba60-66855f9acb1d

A filter for removing contaminants from water. The device includes a stretchable cloth member sized and shaped for positioning about the head and ears of an individual wearer. The optical amplifier system comprises an optical amplifier, a first and a second photodetector operable to measure the power of the input and output signals of the optical amplifier and an amplification controller with a control input. The clearance space communicates through the wall to the chamber, the wall being formed with a hydraulic passage, which carries lubricant from the chamber to the outer surface. The subset includes test case versions, if any, associated with the particular application program version and test case versions associated with application program versions earlier than the particular application program version. The amplifiers are driven by both power and a bias.

1459826665-18f6e6ad-b794-49c4-8b6b-0755ee2ce30a

A method of laser forward transfer is disclosed. The direction of transmission is selected responsive to the direction in which the best electromagnetic signal reception was received. The peripheral device can be a Multi-Media Card Secure Digital card. They can also be effected on the radially extending regions of the



recess and on the shrouds. The method and apparatus of the present invention can generate the communication frequency with a minimum number of calculations using simple binary addition, as opposed to prior art methods that generally require numerous iterations and complex calculations.

1459826665-40b658d6-2b69-44c8-afd8-1b0b4d0d6784

In the manufacture of a paper or board web, the web is slit or cut, the rising/lowering of the edges of a slitcut gap formed at the slitting/cutting point or the width of the gap is measured by means of a measurement device, and the curl of the paper or board web is regulated based on the result of measurement. The device may be utilized while the well is operating. At least one of one of the storage nodes includes an upstream communication buffer. The head end includes a service application that selects an appropriate telephone provider and transmits the telephone numbers to the provider. A relative distance of a third direction perpendicular to the first and second directions between the line sensor and the first surface changes in the second path below the first transmissive portion. The shaft may include a collection of plural recesses on the slide surface thereof.

1459826665-908f2d32-1048-45d0-bc95-ad638a0710f6

A molding tray and system for making molded structures using a moldable material. or higher and maintaining same at that temperature for substantially 30 minutes. One scheduling stage can select traffic for output based on class of service whereas the other scheduling stage may perform a further selection based on destination output port.

1459826665-d8d11c2e-c521-4a7c-b2f9-d45711791b3b

A portable foldable keyboard comprised of two housings, each of which contains a key assembly, and a central hinge. Examples of transient reduced insolation events include but are not limited to cloud-induced reduction in insolation, dust-induced reduction in insolation, and insolation events caused by solar eclipses. The base has a generally circular configuration. The first and second side walls are attached to the extending portion so as to be perpendicular to the axial direction of the convey roller.

1459826665-fb99065b-2d19-4da0-a377-82aedd44f5db

A method and apparatus for communicating and utilizing control plane congestion information in a communication network that utilizes a source routed signaling protocol is presented. The liquid crystal display panel of the present invention includes wirings made of a metal having at least 90% reflection over a wavelength region within the visible light region, where the reflectance of the liquid crystal panel over a wavelength range of 600 to 700 nm at the display surface is no greater than 150% of the reflectance at the wavelength of 550 nm at the display surface. The trusted entity authorizes the sponsor to generate the asymmetric crypto-key. At least one end of the stent is smoothly or conically tapered.

1459826666-5af70970-4569-4921-b844-b4991742c697

In a substrate in which a reflection coefficient of a surface acoustic wave per electrode is small, the invention obtains a Q value or a CI value level, which is equivalent to or higher than that of a related art product, at a device size which is equivalent to the related art product which addresses the problem that the size of a surface acoustic wave resonator becomes larger. The anti-traction material may include polymer particles capable of absorbing or being dissolved by a fluid and a fluid capable of absorbing or dissolving the polymer particles. A first contrasting color applied by the compressible roller to the image with a first force compressing the roller such that the color is applied to the skirt and planar raised portion.

1459826666-a32d78a2-1acb-4c21-b790-9c04bbcbdb520

A communication connector is described that provides an increase in the number and

type of communication circuits available on an electronic device without increasing the number and type of physical connectors. Opening of the pressure control valve is detected after the first limit is exceeded if a steady-state operating state is subsequently detected again, and if a characteristic of the closed-loop control system deviates significantly from a reference value. The needle hub is detachably engaged inside the proximal open end of the hollow barrel and has a needle mounted on the needle hub. The flap is capable of moving to a location that secures the container when the container is fully housed within the housing portion.

1459826666-a7f5a86b-67fb-43b1-9ac1-b0e28240ee46

Water tolerant Lewis acids are used in a process for the preparation of alkylene glycols by catalytic hydration of the corresponding alkylene oxide. The surface of the dielectric is roughened to enhance the subsequent dielectric-heat sink bond in which an adhesive is used. To complete the inductor loop, the first and second IO pins are connected by a conductive bridge between the pins. Thus, a multi-chip type image sensor having a smaller chip size with desired performance is provided. A method of assembling and positioning a grass screen assembly in an engine is also disclosed. Related fabrication methods are described.

1459826666-d8db7e15-5b85-440d-9546-5e3695ff3645

An instrumented golf club system having an instrumented golf club, an interface means and a computing means is disclosed herein. For example, at the time of steering to the right, when a vehicle speed is a predetermined value or less, only the right lamp is subjected to the deflecting operation, while when a vehicle speed exceeds the predetermined value, both the right and left lamps are simultaneously subjected to the deflecting operation. The solar module or solar collector, similar to a heliostat, is adapted to slowly revolve in response to the imbalanced water tanks filled with different amount of water. For each modeling element, the method and system determine visibility of the modeling element and produce a reduced data structure by storing in the structure graphic data representing the graphical entities and geometric data of only certain ones of the geometric entities determined as a function of visibility of the corresponding modeling elements. When the instruction receiving portion receives a display instruction, the display controller controls the display portion to display an operation guide image associated with an operative instruction reception image displayed on the display portion at the time when the instruction receiving portion receives a display instruction.

1459826667-644afbe8-8a75-492c-ac35-2ae8eebf5b33

A controlling device can remotely control various tasks associated with a controlled device, including the navigation of user interfaces associated with applications or an operating system associated with the controlled device. The main body receives an electronic device and includes a first holding member and a second holding member. The testing structures enable determining the quality of bonding and/or functionalities of packaged dies bonded. TES control module is adapted to deliver a biphasic electrical stimulation signal of 10 seconds or longer between the first and second electrodes having a frequency of 400 Hz or greater, a duty cycle of greater than 10 percent, an intensity of 3 mA or greater, with a DC offset.

1459826667-88ef1dca-b7ff-4e38-8d2c-e35d1b96f525

A clock-signal adjusting method and device is used for adjusting a frequency of a clock signal according to a frequency of an input data. The system includes a meter selection module configured to enable a user to select from a plurality of flowmeter types. The invention further relates to a method of modulating a function of GPR-9-6, and to the use of the antibodies, antigen-binding fragments and agents identified by the method of the invention in research, therapeutic, prophylactic and diagnostic methods. The occupant safety system may then be activated in a mode based upon the longitudinal location of the impact and/or appropriate for a spinning

vehicle.

1459826667-ac4cbe13-985f-4c07-aa23-ec5c04724c6e

A fastening element includes a holding part with a support plate and expanding cheeks, and a locking part guidingly received in the holding part. The computer system includes a program stored in the data storage device and steps of the program being executed by a processor. Metal interconnections are formed in the frame to connect the piezoresistors in a bridge circuit for sensing bending deformation or in a bridge circuit for sensing twisting deformation. Multiple page tables contain the translations for the multiple address spaces.

1459826668-3b6cb68c-c82f-4b2b-8f7d-6ee9835b98d2

A method of making a semiconductor device includes forming a pillar shaped semiconductor device surrounded by an insulating layer such that a contact hole in the insulating layer exposes an upper surface of the semiconductor device. The method includes obtaining a video stream from a camera placed above at least one region of interest, the region of interest classifying the payment gesture. Photoresists of the invention can exhibit significant adhesion to SiON and other inorganic surface layers. information that is irrelevant to creation of virtual machine data structures can be suppressed.

1459826668-4aeaf6fd-cea4-4c08-8765-880790fdf88c

A valve for use in a body lumen, where the valve includes a valve leaflet with delayed leaflet deployment relative an in vivo implant time. The first contact electrode contacts the uppermost surface of the gate electrode and a sidewall of the gate electrode. The housing further comprises a second opening located outside the platform. The seat pad overlies the seatback frame to define a forward surface.

1459826668-dd55a4f2-810f-4035-bdde-85a56485118e

A straw having a flexible portion. The apparatus includes a magnetic core presenting a pole face structure, an inductor means associated with the magnetic core, arranged to generate a time-varying magnetic field through the pole face structure, and a device for injecting gas into the chamber and through the chamber and through the magnetic core. The lens unit includes a reception unit for receiving accessory device data from the conversion lens device. The first dielectric material surrounds the second dielectric material.

1459826668-e365b74a-32fd-4dc5-a32f-c50ae71a9136

A melter apparatus includes a floor, a ceiling, and a wall connecting the floor and ceiling at a perimeter of the floor and ceiling, a melting zone being defined by the floor, ceiling and wall, the melting zone having a feed inlet and a molten glass outlet positioned at opposing ends of the melting zone. A rotating plate carrier is capable of placing several different optical elements into the optical paths of the system including at least one plane parallel plate to change the system focal distance. The management device may then communicate a quarantine request packet to the one or more nodes under attack, the quarantine request packet providing instructions to the one or more nodes under attack to alter their frequency hopping schedule without allowing the attacking node to learn of the altered frequency hopping schedule. Latency in this context refers to the time passed from when the client sends an IGMP JOIN message until it receives the first packet of the multicast stream. In this transmission, an ECU simultaneously PWM-controls all phases of one of inverters, and controls the other inverter to keep continuously the conducting state. In this manner, the coaxial cable connector is configured to attach to a coaxial cable other than by using a post.

1459826669-03fe9693-f620-4a2b-bfb0-c54c22a53948

A device for sensing analyte concentration, and in particular glucose concentration, in vivo or in vitro is described. On the basis of the predetermined tilt angle detected at the detection points, the apparatus estimates the

predetermined tilt angle at a radial position of the optical disk, and also estimates a focus bias. An insulator thermally separates the temperature control elements. The process utilizes a plurality of adsorbent beds, each bed having a feed end and product end, wherein the process includes the gas transfer steps of. Each frustro-conical roller member includes spring bias assembly for urging the rolling back of the rollable sheet after being rolled out.

1459826669-9f161910-dd7b-4ba9-9467-8aea64b9bc5a

The present disclosure relates to methods and compositions to offset, ameliorate and/or alleviate one or more unwanted and/or adverse gastrointestinal effects. On a high-frequency circuit board 100, by electrically connecting a bias line 11 to a high-frequency circuit 10 using blind via holes 106 and 107, it is possible to limit the route that has a possibility of producing resonance only to the bias line connecting the ends 106a and 107a of the blind via holes 106 and 107 to the bias line 11. The at least one pre-tensioning element causes a mechanical tension on the backplate material for a bending deflection of the backplate structure in a direction away from the membrane structure. The start signal may be produced when a locked loop achieves a lock between the read clock and the control clock. The lens apparatus may be fixed with respect to the body, or may retract at least partially into the body. The colorant is a dye complex comprising a dye, a nonionic surfactant and a complexing agent.

1459826669-df905a9b-f962-46d0-8f5a-1eba8fddd613

The disclosure is directed to an access terminal, and method for selecting an access point in a communications system. The communication and locator systems may be provided with one-way or two-way communication for locating charts or personnel, contacting needed personnel in the event of an emergency, or for communicating with healthcare workers. The next step is flowing the reduced surface tension stream through a port reducing the first pressure to a second pressure and adding oxygen. A rake assembly with at least one row of flexible rake tines disposed across the entire transverse width of the cutting deck is attached to the transverse frame and pivots therewith to contact the ground surface for raking.

1459826670-1bfccf01c-7c31-4f7b-a799-a7460f60f0f1

A computer with thermoelectric conversion uses a thermoelectric conversion module that connects between a heat generating device and a low temperature device to fully utilize the redundant heat generated by the computer. The flow guide units and the flow ways communicate with each other, whereby the air can uniformly flow to every part of the air space without generating turbulence and with the air pressure unified over the air space to enhance blowing effect of the hockey table face. The protection film formed on a bottom surface of the trench is removed by turning a third introduced gas introduced into the reaction chamber into plasma. , N before so as to output the calculated results as N symbol differential phase detected signals. An output is generated based on the estimated battery SOC.

1459826670-8ba78078-8440-4e70-a9c2-db5d09f7f2d8

A dual-mode mobile terminal, which can access synchronous and asynchronous mobile communication systems, includes a key input panel and a controller. The holder plate is formed with a center hole at a center portion thereof, the center hole having a size allowing a commutator to path therethrough, and a pair of elongated holes opposing to each other with respect to the opening portion, the elongated holes defining bridge portions with the opening hole. Each belt is retained in each slot by a flat belt which is sandwiched into each slot with the multi-ribbed belt.

1459826670-a2a5bdfa-da27-4cd3-83c6-5eed3532505b

A bi-directional single conductor interrupt line is used in conjunction with a master only initiated data communication bus, to allow a slave device to submit a slave service request to a master device and to acknowledge master service requests from the master device. The extendable squarer comprise a bit expanding circuit and

a plurality of operating units. In such an SOI substrate, adhesion between a buried insulating layer as an under layer and a single crystal silicon layer is high, and it becomes possible to realize a semiconductor device with high reliability. Intervals may be measured in the ventricle and/or atrium of the patient's heart. The probe having a triangular pyramidal or conical shape as required. The filter element is attachable to the filter housing using a bayonet lock.

1459826670-a345929f-552d-4064-a7df-fd44dbf13781

A series of games are disclosed which test the ability of players to ascertain and identify the existence of relationships between topics in a structured fashion. Instead of a buried subcollector, a buried P layer is used. The method further includes determining a health value associated with at least one of the first node, the second node, and the third node of the system based on at least one of the first fault model, second fault model, and the third fault model. A plurality of inserts extend through the first plurality of apertures, and a plurality of spacers extend through the second plurality of apertures.

1459826670-bd21b8df-5f08-4115-a879-81f2a5253005

The airbag of an airbag apparatus is provided with a slip member that is disposed on the outer surface of an occupant protection area of an airbag main body and can suppress load to an occupant by allowing the airbag main body to slide when the airbag comes in contact with the occupant while being developed and inflated. The structured data may be processed into a Binary mask Format file which may serve as a starting point for post-processing. Where the membrane occupied rates of the nozzle in a neighboring area and a non-neighboring area among membrane chargeable areas on the inside of the adhesively-fixed part at at least one adhesively-fixed end positioned near the nozzle and where the hollow part is opened are PA and PB, the ratio of the membrane occupied rates PBPA is 0.

1459826671-3a450daf-13a7-4135-99aa-455fc0780768

A method for collecting, recording, and broadcasting coded human or animal body waveforms. The expectation library can convert one or more descriptive assertions into a structured data model, wherein the one or more descriptive assertions describe one or more annotations. Each cylinder bore has a cross section formed of any other closed curve than a circle. An attenuator may be coupled between the output node of the TX path and a second port of the EBD circuit. Each of the lens elements is symmetrically disposed about an optical axis of the lens. The composition provides an incident energy absorbing property.

1459826671-79b8126d-e88b-46ac-88e5-a7cfbcd6aaaf

Systems and techniques relating to wireless communications are described. A plurality of contact structures is formed in a dielectric layer. The alarm unit sounds an alarm to remind occupants of the vehicle when a child is sitting in the child safety seat after the ignition of the vehicle in which the child safety seat is installed is turned off.

1459826671-8116a5d5-243b-405c-8c66-1221aa9306cf

Apparatus and methods are provided to decode signals from a communication channel to reconstruct transmitted information. The occluding body may be formed as a plug or tube of biocompatible material configured to occlude a bodily passageway. Trials have shown that the counter reading indicates an operating state in the circuit configuration and therefore represents a simple signal for assessing the operating state of the circuit configuration. When put under an oxygen or moisture atmosphere in the above state, this gas sensor can detect oxygen or moisture depending on a change in photocurrent due to the multiplication. In one embodiment, control processing circuitry initiates simultaneous capture of the first image by the first image sensor and the second image by the second image sensor; and image processing circuitry generates an enhanced monoscopic image comprising at least portions of the first image and the second image. The phthalate-free plasticizer according to

the invention includes a mixture of different triesters of glycerin, at least one of which meets the formula:.

1459826671-93ea3ee5-f6de-46aa-ba32-9264a409b013

The sensitivity and specificity of polynucleotide synthesis is increased by protecting the 3-end of an oligonucleotide used as a primer in the synthesis of the polynucleotide. The adhesive compositions are in the form of a liquid dispersion when stored at temperatures from about room temperature up to about 140\xb0 F. This new and distinct variety has shown to be uniform and stable in the resulting generations from asexual propagation. Then, the driving assistance system selects an avoidance line from among the plurality of secondary paths. Portions of the magnetic layer formed on this depressed portion have a non-granular structure, whereas portions of the magnetic formed on the crystal orientation control layer outside the depressed portion have a granular structure. The process can continue until there is substantially zero net power out of the engine.

1459826671-e0f8f167-b8dc-4476-a0b6-ff761ddf7f1a

A reflex-type screen includes a base which has saw-tooth appearance, and an optical absorption layer on one edge of each saw-tooth of the base. A primary motor is coupled to a primary input shaft via a clutch, a variable-speed secondary motor is directly coupled to a secondary input shaft, and the header unit coupled to a header output shaft. A side panel is attached to each cup.

1459826672-962ffe96-0342-4c87-9451-eeafd73d9bfc

A tool suspension device has a back plate and at least one tool bracket. On top of a metal wiring layer on a semiconductor substrate is deposited a dielectric cap layer followed by a sacrificial dielectric layer and pattern transfer layers. To reduce or even minimize the attenuation of PET radiation in a combined MRPET device and thus in particular to ensure a better signal to noise ratio for the PET measurement, it is proposed according to at least one embodiment of the invention that the surfaces of the wall away from the object are essentially tangential to the examination object.

1459826672-da0cc944-627e-4337-87a4-04db8533df66

To reduce the pixel size to the smallest dimensions and simplest form of operation, a pixel may be formed by using only one ion sensitive field-effect transistor. A first piece of said two pieces has at least one track and the second of said two pieces has at least one slider which slides in said track. Track following of the written servo patterns on the reference track is performed using a servo loop having a closed-loop response. Therefore, ohmic contact characteristics with the p-type clad layer are enhanced, thereby ensuring excellent current-voltage characteristics. Precharging of the virtual ground line may be deactivated substantially concurrently with activation of discharging of the virtual ground line.

1459826672-e3ae54b0-2da9-4756-9746-c57ceb248b3d

The work load spent on designing a trench-type, Levenson-type phase shift mask is lightened and the working time for the designing process is shortened. The detector resides on a station within a network using a framed format having a periodic time structure. The substrate is placed on a measuring stage traversable in the X coordinate direction and the Y coordinate direction, the position of which is determined during imaging using a displacement measuring system. The first and second magnetic field application device create a magnetic field in one direction from the first magnetic field application device toward the second magnetic field application device. One embodiment provides a semiconductor package singulated from a wafer includes a chip defining an active surface, a back side opposite the active surface, and peripheral sides extending between the active surface and the back side; a contact pad disposed on the active surface; and a metallization layer extending from the contact pad onto a portion of the peripheral sides of the chip.

1459826673-a837fcbb-4f0b-4dc3-b131-cfd52c566c3a

Oxidation on the surface of a film of refractory metal constituting a gate electrode is suppressed by forming an insulation film constituting a cap insulation film of the gate electrode at a temperature of 500°C. Also provided is that the protective device has an arrangement or is joined to such an arrangement by which the admission of gas to the sensitive component is able to be regulated. The processor reads out the maintenance ID of the exchangeable part from the memory, encrypts information relating to the exchangeable part stored in the memory and decrypts information encrypted by the processor. The MIMO physical sectors overlap to form an area of overlap. Further, the rotor assemblies can include a flux conductor shield disposed adjacent to the boost magnets, the flux conductor shield configured to provide return flux paths.

1459826673-eb934637-085e-41e8-a83a-d5bd2729a959

A chromatic dispersion-compensating fiber adapted to compensate the chromatic dispersion of an SMF or an NZ-DSF having positive chromatic dispersion presents chromatic dispersion which is negative and greater than or equal to 150 ps at a wavelength of 1550 nm, and a theoretical cutoff wavelength longer than 1800 nm. Then, there is counted the number G of the divided picture elements which become targets of the development among the divided picture elements. On the transmit side, an input data stream in a tunnelled format containing the user data to be transmitted is received, and a breakout device is operative to extract the user data from the input data stream and to output the extracted user data to the transmitter, which transmits the user data in the adapted format. The two drill pins are passed through the template and drilled into the humerus, and cutters are advanced over the corresponding drill pins to form the trough.

1459826674-c5a56e29-67be-4613-93bc-dd9abcec3925

A system and method for improving the usability of electronic products. The device comprises a feed, packaging means, weighing means and throughfeed means. When the computer delivers a document to the printer, either the computer will request that the PDL program from storage to be sent to the printer, or the printer will determine which PDL program is needed by inspecting the received document, and request it when provided the location. The spacer layer has an opening that has a via width.

1459826675-266a6c27-790b-435b-97ee-88dc0e017a72

A sigma-delta modulation sensing circuit and an analog-to-digital converter for an imager that eliminate the erroneous conversion of non-zero analog voltages to zero digital voltages is provided. The invention provides rapid automation of the synthesis of an electronic circuit model by incorporating one or more synthesized electronic model components that are selected from a larger plurality of synthesized electronic components whose structure and electromagnetic characteristics are rapidly and automatically synthesized in response to the electromagnetic analysis data. A solenoid is used to select a smaller or larger air volume to control the characteristics of the air spring and, in turn, the dynamic response of the hydraulic mount. An application for the proposed technology is to significantly improve the measurement sensitivity of impedance measurements on blood cells, leading to a better differentiation between different types of white blood cells. In one embodiment, a thermal press method can be performed by placing a laminated display assembly including the flexible substrate, an ink layer, an adhesive, and a cover on a temperature controlled fixture. The receiving unit receives an individual key encrypted by the random number from the key issuing server.

1459826675-691122a5-9d82-4392-b260-4e19f03e9614

A width and a thickness of a bit line are represented as W1 and T1, respectively, a thickness of a digit line is represented as T2, and a distance from a center of the

digit line in a thickness direction to a center of a free layer of an MTJ element in the thickness direction is represented as L1. The wire coil is arranged to form a plurality of layers, thereby forming a cylindrical shape, and the upright portions, at which the adjacent wire segments contact each other in the circumferential direction thereof, are electrically connected to each other. When it is determined that the received data has already been archived, an image is outputted based on that received data. The computer-based tool then performs factorization to solve for the multiplication constraint and to determine a set of potentially valid factoring values for the random variables used in the multiplication constraint. A transformer has fifth and sixth terminals, the fifth terminals are electrically connected to the fourth terminals of the auxiliary power supply disconnect. A faster indication of the saturation condition thus results.

1459826676-71e4f5a9-0774-428e-8632-e49af4491a41

A self-propelled agricultural tool carrier has a lifting carriage mounted between the front and rear sets of wheels. In general, the system of the present invention includes a target machine, a production machine, a playback file, a playback machine, a playback controller and a network information editor. At least one electrical connector extends through a wall of the lens, with one end provided inside the cavity and connected to the LED board, and another end disposed outside the cavity and connected to a power source. Image-forming plates of the portal imager and the diagnostic imagers are positioned perpendicular to the therapy beam central axis, and perpendicular to the central axes of the diagnostic sources.

1459826676-a2fb4498-3cb0-48c2-a1a3-37fdd80a6de3

A robot operates accurately while canceling an affect of pitch-axis, rollaxis, and yaw-axis moments, these moments being applied on the robot body during a leg-moving operation such as walking. The beam isolator includes first and second isolating pads, each defining openings. Further still, the invention provides TGF-\u03b23s, or fragments or derivatives thereof, comprising a substitution of the Glutamic acid residue at position of full-length wild type TGF-\u03b23 and/or the Arginine residue at position of full-length wild type TGF-\u03b23. The biosensor can be any biocompatible sensor, suitable for short- or long-term use. It is then determined whether sufficient space is available for the first output data.

1459826677-22c294ce-a441-45e1-9521-718cdfc19bd7

A method and system for approval by a verification computer of an online transaction between a user computer and a merchant computer over the Internet. The cam pack includes at least two cams and at least one adjusting member for axial adjustment of the cam pack. Then, the brightness values of each of the subareas are converted into 0 and 1 codes, and then the codes are combined to generate the codes representing the entire focus area.

1459826677-e9a32511-c596-41d7-8a00-dec3c006b9b3

A broadcast encryption for acquiring an encryption key which is used to decrypt a session key by a node receiving services, with less computation overhead. Control signals manipulate the drive system to rotate each mass at optimal speed, direction and phase to reduce noise induced in the system by the rotating member. The protocol supports a plurality of data formats, such as PCM voice data, IP packets, ATM cells, frame relay and the like. Opening portions are not formed in the first and second peripheral walls. The metal gate electrode includes a sufficient amount of an impurity to shift the workfunction of the metal gate electrode by at least about 0. A latch member has a first position, which holds the switch member apart from the conductor, and a second position, which releases the switch member to permit the switch member to pivot toward the magnetic core and engage the conductor in response to the arcing fault current.

1459826677-ee007b9f-cc97-4d67-b33e-66e35118fbd5

A paper dispenser has a dispensing opening for paper and also a first roll, which



is located in a dispensing position, and a guide path, which leads into the dispensing position and contains a storage position for a reserve roll. A plurality of assets containing text, graphics, and video are stored and then gathered. A hoist carriage, for example a monorail trolley hoist, is movably secured on the cantilever support, and is connected to a transport chair that can be located over the dock at a convenient height for a handicapped boater to seat and/or secure himself. During a first stage, a current in a first direction is supplied to the first current line, and a current in the first direction is simultaneously supplied to the second current line. The system also routes an incoming call to a device associated with an enterprise communication network to a plurality of telephony devices including wireless devices and other remote devices. In turn, a scheduler is coupled to receive the frequency profiles and the leakage power profiles and to schedule an application on at least some of the cores based on the frequency profiles and the leakage power profiles.

1459826677-f4e5c198-b8c5-4b5b-8341-a538d9de079d

A structural joint configuration is formed in an automotive frame in which the frame members are bent into an angular orientation and joined together to form a structural joint in the automotive frame in which loads imposed on any of the frame members forming the joint will be transferred to and shared with the other frame members in the joint. An LCD comprising a backlight unit on which a point light source is efficiently disposed and an efficient arrangement method of a point light source are provided. The methodology of the present invention then determines a deviation of the laser beam's refracted target position from its intended target position.

1459826678-5c4a10d0-6442-4f3f-9a1b-aefd54cbb1e5

A combination paint container and tray that includes a container for a supply of a paint product including a base and an upper peripheral closure edge, and a lid constructed and arranged as a paint tray structure having first and opposed second peripheral edge elements. Each receive-signal path may be associated with a different receive direction. The digital X-ray detector may be formed as an array having a plurality of detectors, and the device may have a plurality of arrays.

1459826678-a6379446-5d60-46aa-b566-06b5ed9089e0

The liquid crystal display device of this invention includes a plurality of picture element regions each defined by a first electrode provided on a face of a first substrate facing a liquid crystal layer and a second electrode provided on a second substrate so as to oppose the first electrode via the liquid crystal layer sandwiched therebetween. The container is filled to a level above the partition to ensure that the device is submerged in the fluid. Some of the conductive material is removed effective to recess an outermost surface of the conductive material to from about 100 Angstroms to about 200 Angstroms from an outermost surface of the insulative material after said removing of some of the conductive material. In certain embodiments, the apparatus may include a connection strap for connecting the exercise sled to the frame backpack in the second mode of operation such that a user may pull the exercise sled while wearing the frame backpack.

1459826678-d5dfb5a7-3c6f-4405-ba1e-50d4ad67c496

A method for tracking a transmission status of one or more data elements to one or more devices. In one aspect, a rapid thermal processing apparatus is used to selectively oxidize a substrate by in-situ steam generation at high pressure in a hydrogen rich atmosphere. In particular, the control of the execution threads maintains thread ordering as well as ensures that a context swap occurs after the critical section execution has been completed by each thread of execution. The at least one second drilling insert has first and second portions which engage and machine a work piece in a drilling operation to form a spot face and a seal form.

1459826678-d7c55c7b-d4f9-466a-898f-67b0d4951c65

A device for detecting the occupancy status of a vehicle seat with an electrical capacity sensor device that is arranged in a seat belt buckle assigned to the vehicle seat and whose electrical capacity is altered relative to a reference potential by the presence of a person occupying the vehicle seat and which, as a result, emits an electrical seat occupant presence output signal. The storage device of the present invention comprises an elongated storage box having a front wall, rear wall, bottom wall, top wall and a pair of side walls forming a box assembly having an interior storage area. The resulting AFUs can be locked so that users cannot view proprietary and trade secret information as to how they accomplish their tasks. A request to receive alternative audio content for the audiovisual content segment is transmitted. Also disclosed is a method for forming a composite material employing the formulations.

1459826678-f9c7dde8-9b4c-4746-ac3a-194137732b02

A ventilation assembly for a heat exchanger of a motor vehicle, has plate-like support structure with a main flow opening. The inductance and the permanent magnet are arranged such that, under a vibration on the circuit arrangement, the permanent magnet is moved relative to the inductance such that an electrical induced voltage for supplying the functional unit with electrical energy is induced by the inductance. The lighting device is deactivated when the mating surfaces are placed proximate to each other and is activated to illuminate an interior of the accessory when the surfaces are separated.

1459826679-46bf3255-036a-4d0d-80c0-fe0d3bd310aa

A method according to the invention comprises: starting plasma discharge for forming the gas barrier layer in a film deposition chamber; and producing the gas barrier layer by using a plasma after a first predetermined period of time has elapsed from a start of the plasma discharge. Hot air generated by the generator impinges as a high-speed impinging jet on the object from a nozzle hole located in a ceiling plate. The sun visor is operated by a dash-mounted switch. The low pressure area suppresses an increase in the speed of the airflow therein that causes the abnormal outward airflows.

1459826679-52c677e7-7be2-4d59-9529-8f2e6d89c4a8

In one embodiment, a radiation shielding composition comprises lead oxide or lead composite material of predetermined particle size, and an adhesive, wherein the composition comprises free flow property. A telop area in which the motion vector is set in advance and which has a magnitude greater than or equal to a predetermined magnitude is detected. An interior space having a sealed waste ink flow passage for connecting the recovery section to the waste ink absorber is provided, in which a flow passage absorber is accommodated so that a gap is formed from a connection with the discharging port of the pump to a connection with the waste ink absorber and is further connected to the waste ink absorber. Another form of instrument includes a working sheath and an obturator. A disposable shackle system allows the customer to replace the cut shackle and return the lock to its original condition for reuse. Preferably, the indication system is incorporated into the interior trim.

1459826679-67dd937d-726f-4f69-a4a2-e01245aa6353

The invention is directed to multispectral multifield optical combinations that are intended to be integrated into an optical device. The plurality of point light sources are arranged in a first direction and also arranged in a second direction orthogonal to the first direction. The reflected signal selectively includes a level pulse representing material level and an interface pulse representing interface level. The core threats, associated threats and predictive overflight threats can be displayed using the first, second and third colors, speckled areas, and wedge-shaped symbols. This enables data analysis to obtain information about the value of the data that is present.

1459826680-23f470fe-0d2e-4a7a-99f0-1b9b7fe6aedb

A computer identifies a first candidate document at a first data source and a second candidate document at a second data source in response to a request from a user, wherein the request includes one or more keywords. In some embodiments, methods for sanitizing anomaly detection models are provided. An electric field produced by the electrode and voltage source limits the degree of post-nip toner scattering by applying an electrostatic force to toner particles on media sheets passing along the media path. The transducer is actuatable to heat the treatment agent to affect at least partial vaporization thereof for release adjacent the heating elements and application to the hair. The rotary pressure member presses against the stationary pad via the belt to form a nip therebetween.

1459826680-50140e4d-079a-4b67-9451-6cc5cba9d426

A clock enable control circuit is provided between a memory control circuit and a SDRAM. The novel compound has excellent skin whitening effects. The device has a flexible conductor arrangement with a plurality of interconnects. In this way it is possible to limit the ejection of RV inks in the region of high lightness and to improve the ink granularity in the region of high lightness. The mounting bracket connects to the archery bow and is infinitely adjustable along a length of the at least one support rail to adjust a position of the sight component toward and away from the archery bow. The generic universal resource indicator having a generic parameter corresponding to the parameter of the selection may be created.

1459826680-8c9c2610-5e06-445e-934b-c296525b076d

A Hands-Free Wall Mounted Bottle Holder apparatus enables a practitioner to prepare in advance a set of medicine bottles required during a medical procedure, mount the bottles in the proper position on a flat solid surface in an ergonomically preferred secure and locked condition, and then withdraw medicines in sterile fashion during the procedure without the assistance of another person. The number of files to be displayed and start point information related to the start point of a file list to be extracted is acquired from a client, and a file list is extracted from files stored as a partitioned data set in a storage device based on the number of files and start point information acquired. The spindle may be disposed in the hole and may have first and second spindle circumferential surfaces. The signals are representative of the radiation.

1459826681-184a1a8c-4796-4210-b653-faa76035a104

The present invention provides a method of treating fungal infection by administering a pharmaceutical composition comprising an extract of the leaf of M. The column or row circuitry includes a number of redundant column or row circuits. An operation reaction force generated by a reaction force actuator 9 is applied to the steering wheel. Screen assemblies are disposed on the opposite side of the cell frame such that the screen assemblies rest on the protector portion, within the cell frame.

1459826681-270cba5e-bab8-4a0e-a9b0-120fdcb82e78

A drive system for driving a sheet pile member at a desired location in the ground. The optical fiber has an outer sheath of a material that is compatible with the material constituting the outer coating so that a cohesive bond forms between the outer sheath of the optical fiber and the outer coating of the insulator while the outer coating is being vulcanized. A plurality of adjacent heat transfer members are connected to the heat exchanger body and spaced apart by a predetermined distance for defining a plurality of flow passages between the heat transfer members. The pusher is formed of sheet metal with lower and upper flanges that lie against upper and lower portions of the cover, the pusher being confined to solely slideable movement and the lever being pivoting mounted about a pivot axis on the support. The oxidative hair colorant composition contains a foam stabilizing agent and is essentially free of surfactant. Moreover, the central unit can receive signals that characterize both the machine speed and pattern signals, on the basis

of which the yarn feeders of the particular group that is to respond at that time are switched on and off or speeded up or slowed down.

1459826681-56265e6f-f380-4671-be67-3aa4748f569e

A signal detector is configured to detect a signal of interest in a received signal. The reflection surface is configured to receive light from a light source associated with the reflection surface in an ink delivery system of a phase change ink imaging device. 0, and the triboelectrostatic charge amount is from \u2212300 to +300 \u03bcCg. The transducers may be part of directional arrays. The silicon carbon layer is exposed to a dopant. A mechanism in the computer inhibits the movement of the lever and cam assembly into the first position, thereby preventing the disconnection of the base from the cover when the module is installed in the computer.

1459826682-0ac40553-c024-4c03-af00-d2df2aab98d2

A new and distinct variety of *Nemesia* plant named \u2018Innkarwhi\u2019, characterized by its compact, upright and rounded growth habit; vigorous growth habit; freely flowering habit; white-colored flowers; and strongly fragrant flowers. First, a layout of an integrated circuit with an exposure intensity specification is provided. The actuator includes a movable end that is cyclically movable from a first releasing position adjacent the sidewall, to a second engaging position, transversely spaced apart from the side wall, responsive to a track follower moving along a track inclined transversely to the side wall of the box. For example, a kernel-based classifier analyzes the set of character-string pairs using a kernel function.

1459826682-7f686dea-2c0d-4413-87b5-099dc6f626f9

A new and distinct variety of interspecific tree. In one embodiment, a clinical support pad includes a plurality of support cells formed in a first film layer of material sufficiently impermeable to a fluid contained in the cells such that each cell is configured to be alternately and repeatedly inflated and deflated with respect to one or more adjacent cells. The prescription vial is illuminated with a first light source and a first image is recorded.

1459826682-bd717d5d-d4ab-4634-93dc-d79be12ab5ac

A method and a device are used for determining a characteristic value for the perfusion of modified, in particular pigmented tissue regions in organs of living beings, for example the skin. The fibers are held substantially parallel to each other in the draw assembly. The functional macros consisting of one or more microcircuits have a fixed and complete physical layout similar to a conventional standard cell library macro set. In an embedded option, the SLSM resides within an existing server.

1459826682-c9df367b-a27f-462a-9ec4-13fd80000fab

Aspects of the present disclosure relate generally to wireless communication systems, and more particularly to a coordinated multi-point network and protocol architecture. The first strap portion and the second strap portion are coupled to one another and the anchoring device is configured to hold or secure the coupled first and second strap portions such that the first plurality of loops and the second plurality of loops extend substantially symmetrically away from the anchoring device. Furthermore, the analytical model may be a predictive model markup language model. The apparatus may also include a manifold adapted to contact the thermal channel.

1459826683-02effd58-935d-49ee-9623-b926c44c5b04

A new and distinct cultivar of *Antirrhinum* plant named \u2018Balumsum\u2019 characterized by its purple and white bi-colored flowers, medium green-colored foliage, and vigorous, trailing growth habit. The engine control microcomputer is programmed to execute a monitor program. One or more channels attached to or

formed, in part, by the panel member are in fluid communication with an opening in the panel member and a plurality of orifices located on the channels. Synchronous transfers allow on-the-fly redundancy operations for improved performance and reduced hardware complexity. The fabric material on the upper section defines a first arm opening adjacent a respective side rail and a second arm opening adjacent an opposed side rail.

1459826683-16d10c0a-705c-4c98-b795-8f758c7cdb4a

A green phosphor having a magnetoplumbite-type crystal structure, which contains at least Mn, La and Tb, which contains at least Tb and La but does not contain Ce or which contains at least Mn, La and Zn. The green rubber tread stock is held from above for moving by inserting a plurality of transfer pins downward into both edges of the green rubber tread stock such that each transfer pin is angled toward a closest laterally outside edge. A portion of the first conductive line in contact with the first diffusion region is doped to an opposite conductivity type as the first diffusion region. The output switch is configured to isolate the low power path from the high power path in the high power mode. In addition, the present invention can reduce the power consumption while simplifying the circuit construction by allowing a programread operation to be simultaneously implemented on a single sense amplifier circuit. The missed call information includes the voice of the originator requesting the PTT call, and the voice of the originator is output when confirmation of the missed call information is requested.

1459826683-7ebb88b7-da43-4e49-a90f-a328c3919d5f

A thin film transistor substrate includes a substrate, first and second pad sections, a signal wiring and a pixel array. This sauna apparatus provides air having uniform temperature distribution and uniform humidity distribution, and allows temperature and humidity to be controlled easily. During a power outage, the matrix converter is immediately disconnected from the power supply, and the resistor unit is connected to the input terminals of the matrix converter in such a way that the amplitude of a voltage applied to the resistor unit equals the amplitude of an actual capacitor voltage space vector, and the speed setpoint is set to zero.

1459826683-a95b4725-e5df-4aa8-a144-c49edff2809a

A modular refrigeration system having an evaporator, a condenser, a compressor, and expansion device fluidly connected by a plurality of conduits. The present invention also provides methods for using and preparing compounds of Formula I. A warning indicator is seated within the internal bore of the piston. This prevents calling costs from being incurred when transferring the information of the terminal to be called. Also, characters may be included on the bandages which correspond to the scent released. An aperture stop is positioned between the imaged object and the second lens element.

1459826683-e8bb54c4-e872-466d-bb50-22b85ea8f6d3

A carrier having a foot member, a post and a top member. The column select line signal has a first pulse width when the column select line signal generator is in a first operational mode and a second pulse width when the column select line signal generator is in a second operational mode. In response to power supply control commands from the host computer, the controllable power supply provides various power outputs at various external connectors, including main power, ATX12V power, and peripheral power to be used for peripheral devices corresponding to a DUT test apparatus. The resultant first interleave block 54 and second interleave block 55 are recorded alternately on an optical disk. At least one second electrode is provided at a location removed from the first electrode. Actuation of the valves within the cylinder head selectively opens and closes specific flow paths within the lower part of the cylinder head to control the flow of fluid between upper and lower portions of a dampening chamber.

1459826684-3f93e8dd-ca89-4437-97be-e76ab000143f

A passive particulate filter assembly for filtering exhaust. A host lists prospective attendees to a meeting in an electronic calendar application. Nanotube electrodes are formed by growing arrays of aligned nanotubes between two metal underlayer platforms.

1459826684-5327cc4c-efaa-4ecc-bd02-15e6a0677465

A system for stabilizing gravity-based offshore structure anchored in a seabed includes a plurality of upper locking element sets installed in a keel on the bottom of the structure; a plurality of caissons embedded in the seabed; a plurality of inserts, each of which is removably installed in one of the caissons; and a lower locking element set in each of the inserts. The wavelength compensation output waveguide 105 has a tapering connecting portion connected to the output side slab-waveguide 105. The event detector may be configured to detect an event associated with a main video content. This invention also relates to pharmaceutical compositions containing these compounds and to a method of treating disorders in which histamine H3 receptor blockade is beneficial. An out-of-band examination of registration signatures generated at the two devices can be performed to help ensure that there was not a man-in-the-middle attacker involved in the key exchange. The feedback transconductance stage is operably coupled to produce the feedback current signal based on the output voltage signal.

1459826684-8675613a-7253-47b5-ab8a-b18b6a9ea7dc

A well tolerated oil-in-water emulsion useful as a delivery vehicle of hydrophobic ingredients such as pharmaceutical drugs, wherein the emulsion particles have a net positive charge and comprises 0. The capacitors exhibit desirable dielectric properties, excellent performance on highly accelerated life testing, and very good resistance to dielectric breakdown. A hydraulic lift cylinder is mounted between an inboard end of each lift arm and the adjustable width toolbar at a selected mounting point in the center section.

1459826684-96478351-f2da-4ed5-b716-39cd6feee866

The invention relates to an improved industrial apparatus for the large-scale storage of energy and a process for storing and transporting electric energy by means of this apparatus. The data comprises coded content information comprising a time synchronous media, together with various other sources, synchronized to appear at predetermined time points in the media presentation. The valve may include elements for biasing the cuff outwardly with respect to the stent body when the stent body is in an expanded condition.

1459826685-094109d1-9125-4e2b-896d-852ed8417fd5

A pump system includes an inlet port, a discharge port, a drive aperture and a drain aperture. The search engine obtains user information data from a user from a single submission to provide automatic access to all indexed registration information sources, as may be required by the search query and the selections of respective classification categories selected for narrowing the search. An acidic material is added to the cellulose acetate solution, and the filtration is preformed. Methods, systems and algorithms of the invention can be embodied in any computing device or portion thereof, and are adaptable to describe, analyze and predict the folding and other three-dimensional aspects of the structures of biomolecules such as nucleic acids, carbohydrates and glycoproteins. At the delivery destination, an operating device that is also supplied is used as a mobile operating device for issuing control instructions for the traction operations of the base vehicle, in order to drive the base vehicle with its own drive units off the load transport vehicle over a ramp or the like and thus to set it down. The invention may be implemented within a virtual protocol interlayer between the link and network layers.

1459826685-48f4ec10-86da-43ac-a023-2ab5f7603139

A receiver architecture featuring a decimation filter and a bypass around said decimation filter is disclosed along with a method for optimizing said receiver's sampling phase and programmable gain amplifier. At least part of that connection can utilize a standard indoor/outdoor stove support bracket. The gain adjustment portion can output a first gain adjustment signal based on the first packet or can output a second gain adjustment signal based on the second packet. The Node B retransmits a data block including the expected TSN to the UE in response to the TSN status report message. A pusher member is spaced behind the pin keeper.

1459826685-6b2ea518-ce54-4a46-97ec-7a257bc69a96

In accordance with the present invention, it has been discovered that PPAR is expressed consistently in tissues associated with each of a variety of disease states which result from neoplastic cell proliferation. The present invention further discloses a fabrication method of the array substrate and a display device comprising the array substrate. A row of balls is arranged on at least one ball race arranged against the inner shaft. The signaling may be for acknowledgement. The recording medium may contain at least one segment area which is an area on the disc controlled by a plurality of valid PACs and if the designated segment areas overlap with one another, control information of the respective PACs which control the overlapped area may be applied to control the overlapped area.

1459826685-7cc4c064-0fae-4ce1-a186-4fe06580b6ae

Systems and methods are provided for cooling an electronics rack and a computer room from a single unit, which includes a heat-generating electronics subsystem across which air flows from an air inlet to an air outlet side of the rack. The first storage device is switched into connection with the voltage source until the voltage on it reaches a predetermined level. The improvement allows the low power Scan and Scan-BIST architectures to achieve a delay test capability equally as effective as the delay test capabilities used in conventional scan and Scan-BIST architectures.

1459826686-63bd1bbf-62c5-46fb-bf2d-6f3159b31f6c

A new and distinct Hosta plant named 'Hudson Bay', characterized by medium plant size with good growth rate, rounded leaves having very wide blue-green margins, and leaf center that develops to near white center later in season, The near white flowers are held just above the foliage on thick light green-colored scapes in early summer. The terminal stage is movable at least in a direction orthogonal to a direction of the connection between the first and second terminals while being installed inside the case. Thereafter, responsive to determining that the lock indicates the first thread does not have access to the adapter, a sequence to obtain access to the adapter is initiated where the sequence includes writing the adapter context corresponding to the first thread. The first pattern includes a plurality of rectangular regions arranged in a first direction, and for each rectangular region, a sideline in a second direction is longer than a sideline in the first direction, wherein the first direction is perpendicular to the second direction.

1459826686-ade940f4-d7e6-4556-b2b5-0e630c364abf

A lighting fixture, such as a recessed or can type lighting fixture, has an external housing containing a number of LEDs used to provide light. In this assembly, the first of the two connecting profiles possesses a base attached to the first sheet pile wall, a neck strip projecting from the base in a predetermined direction, and a head strip of larger cross section on the free end of the neck strip for engagement with a claw strip partially surrounding the head strip. A comparator compares the filtered error signal with a reference to generate a provisional PWM switching control signal for controlling the PWM amplifier. After a cementing operation, the plug devices are opened to permit flow through the transition joint sidewall. The communication is active as the transponder utilizes stored power for transmission and reception of signals while the transponder can be

passive and is powered by the reader's signal energy. The data cache unit returns 8 bytes of unaligned data.

1459826686-e5cc2f08-23e8-4062-8954-08d52629bddd

Water in a fuel cell accumulator is kept above freezing by a hydrogen/oxygen catalytic combustor fed hydrogen through a mechanical thermostatic valve in thermal communication with the container and connected to a hydrogen supply. A plurality of fins are in conductive heat transfer relationship with the forming tool. A plurality of indicator variables are subsequently calculated from the energy absorption measurement data. The loading pan is wider than the screen box and has sloped sides forming a funnel on the upper end of the screen box to retain the side portions of a load until most of the central portion has been moved to the screen box. The bottom end may be open and debris collected by the collection device may be channeled by the collection device through the open bottom end. A location key is generated that identifies each slice and the further device to which each slice has been sent.

1459826687-21e7fb15-785a-401d-91b8-4afa804ab607

The present disclosure relates to the field of spine disc implants. A selection of a plurality of priorities available for transmitting a wireless communication transaction on a wireless network is provided, wherein the priority to be selected corresponds to the speed and allowable delay by which the transaction is to be transmitted. The gaseous fuel passes through the seat, which is coupled to a rim surface of a retainer portion of the attached nozzle, and into a flow passage that further communicates the flow of gaseous fuel into one or more flow channels. The retainer has locking protrusions for redundantly locking the terminal fittings in the cavities. Each of the request counters corresponds to one of the plurality of source controllers and stores a number of credit requests received from that source controller. Each of the stringers has a stop for preventing said slider from separating there from at each of its ends and the stringers are free to separate from closed position at the first end when a force is applied in a predefined direction adjacent to the first end.

1459826687-a323d7d5-e5fd-4dbc-8ee2-87cf91668cdd

A wrench compatible for use in limited access areas is made up of two components. A first CaS inlet 40 and a first CaSO<sub>4</sub> inlet 64 are also defined by the reducer reactor 12. The invention also provides a method for statically displaying sub-regions of this large digital image at different magnifications, together with a reduced magnification macro-image of the entire sample. Aligned arrays of these carbon nanomaterials are prepared by filtering the nanomaterials with ethanol.

1459826687-aad76074-2985-4373-b8d8-41cd5f33ee6e

In a fuel injector with a swirler creating swirling fuel flow, a projected portion is formed as an orifice nozzle tip at an opening end of a nozzle hole. A satellite list including the coordinates of satellites is made, the redundancies of the satellites are calculated, at least one satellite having a maximum redundancy is eliminated from the satellite list, and channels of a GPS receiver are assigned to an intended number of satellites if the intended number of satellites remain in the satellite list. Two or more of these rows may be set in essentially parallel orientation, which further defines a primary space in which a portion of the rocker arm is located. Odor control may be accomplished with the addition of a urease inhibitor, pH buffer, an odor eliminating agent, and/or fragrance. A connecting member is connected to the operating member, and received in the notches.

1459826688-0951461d-0c38-4477-8fcc-e8b5b644f271

An apparatus and method of creating a seal between two coaxial tubulars so as to create a hanger and a packer. The gift package also includes a cover which covers a portion of the gift card holder. Prisms or other optical features are formed in the top wall of each opening to reflect light in the lightguide towards a light output



surface of the lightguide so that the side-emitting LEDs do not appear as dark spots at the output of the backlight. The airbag folded like this is enhanced in housing performance for the vehicle, and increases in stability of the deployment when the airbag is inflated and deployed. The sealing and connection between the pole piece and the coil and/or the pole piece and the valve housing is effected by means of respective clamp-cutting edge connections each having a nose-like projection. The cutting head is axially supported by the tool shank at four spaced apart axial support regions on shank support surfaces.

1459826688-191e7487-7aab-4982-a8bf-dc1d2a4e5185

The method of the present invention results in a secondary containment area for above ground storage tanks. In a case in which each of the sensors does not the bucket when the rotor is in a stop condition or in a low-speed rotation condition, a decision is made that an abnormality of a swinging movement of the bucket has occurred, and the fact of the occurrence of the abnormality is notified to a user. The cache controller designates in a cache directory the first set with a marked bit indicating that the first transaction is working on the first set, and the marked bit for the first set prevents the other transactions from accessing the first set within the congruence class. The stream is then mixed by several mixing devices to allow residual ozone and sanitizer to further react with contaminants and biota.

1459826689-2033080d-4f1d-48cf-a806-5df884441cd1

A jack for raising, lowering and holding articles such as wallboard can be used by a single installer to install a wall-board panel. The combined storage system comprises a fixed data storage device. At least a portion of the at least one double stranded DNA molecule is denatured. The cover plate includes at least one opening to receive the module and at least one pocket opening. The venthole 18A is a constantly-open type venthole that is not covered by means of the lid member 60.

1459826689-4819bf8f-1839-49de-822f-73479ccbb043

Described embodiments provide a multi-port memory system that has a plurality of memory banks and an equal number of mapping memory banks, each one of the data memory banks corresponding to one of the mapping memory banks. Such compounds are represented by Formula I as follows: wherein A, B, G, Y, R1, R2, R3, and R4 are defined herein. The memory processing unit 12 may lit the indication lamp 14 when the number write operations to the respective addresses of flash memories 11-1 through 11-3 reaches a set number or when the error frequency in the information stored in the respective addresses reaches a set frequency.

1459826690-17f0d236-5355-4fba-b384-2c0042db2d7c

A technique for analyzing digital circuits to identify pin swaps is provided for circuit layout and similar tasks in which the circuit is first decomposed into regions. A second connector component external of the housing is displaceable between an engaged position in electrical engagement with the first connector component, and a disengaged position disengaged from the first component. Active and passive components of the circuit assembly are attached to the printed circuit board by means of gold powder diffused under high temperature. By isolating and treating these layers of the artery, collagen degrading and collagen crosslinking agents can be delivered so as to affect the diameter of the blood vessels and control blood flow therein.

1459826690-d7cfa880-2e9a-484f-b118-b3d898c90c2f

Intrauterine Fetal Growth Restriction is a very important clinical problem for which no satisfactory treatment is available so far. A doctor blade device having a seal is also provided. Each cut includes a first tract parallel to a pressing direction and a second circular part; the circular second part constituting a snug seating for discs. The cams rotate in grooves defined in the vehicle frame support members and cause the fastener to move inboard or outboard in slots defined in the

frame support members in order to adjust wheel camber. Recording information and recording pattern including the record repetition count are stored to record the user's favorite programs and a message is displayed to notify the user of the recording start time of the favorite programs. If the bit error is an erroneous \u201c1,\u201d value, the memory block data is saved in a non-volatile memory block, the configuration memory block containing the error is erased and reprogrammed using the corrected bit.

1459826691-057b907c-a991-490b-a3b5-5e59eb222706

A deactivation valve lifter includes a lifter body. The method includes reading a batch of input data including a plurality of records from one or more data sources and passing the batch through a dataflow graph. An information handling system readable medium having stored thereon said data structure.

1459826691-a394aa76-f8cb-4c73-aeec-e14eeccdf9ad

A public passenger transport installation includes two end stations connected via two tracks for inbound and outbound travels. The pH buffer prevents the swelling of the alkali swellable polymer. The sliding element is erected on a diaphragm.

1459826691-adbe35ef-0e28-4e82-b4bf-850ab9dee18d

A preform main body of an iron species preform for forming a metal matrix composite inserted in an aluminum species alloy base material to be cast-in is bored with a first to fourth through holes communicating an inner peripheral face and an outer peripheral face. In various embodiments, conductive material is coupled to a dielectric containing HfSiON, where such conductive material may include one or more monolayers of titanium nitride, tantalum, or combinations of titanium nitride and tantalum. The outer apparatus, after actuated, sends out an outer data signal to the receiver apparatus according to its operational frequency and a PLL of the receiver apparatus outputs a transmitter clock according to an operational frequency of the receiver apparatus. When an operating bit-lane fails, one of the spare bit-lanes is allocated as a replacement bit-lane and the interface operating frequency is reduced to a frequency at which the new set of operating bit-lanes meets the performance margins. The invention also concerns a pipe, and, in particular a submarine oil pipe for great depths, comprising at least a layer of said material. The sorbents of the present invention have particular application for the sorption of hydrophobic contaminants, particularly constituents of AFFFs, surfactants and/or perfluorinated or polyfluorinated compounds.

1459826691-e553ec7c-2d6c-43c2-bf49-9d396de1630d

Quantified Boolean formula techniques are used in determining QBF satisfiability. The level shifting signals are to control an output switching element of a high potential side of an output device that includes a power source and a load. A reconstruction processor reconstructs an image representation from the corrected radiation events. The elastic means is manufactured from a metallic material and has a plurality of spring coils, of which at least two spring coils have a geometric dimension which is different from the other spring coils. The control element allows for control over the behavior of the thermal management system, and the visibility element allows external devices to monitor the status of the thermal management system.

1459826691-f5d5ca92-1549-4016-9951-78aee8f71093

An interconnect structure is provided that has enhanced electromigration reliability without degrading circuit short yield, and improved technology extendibility. The transmission pathway contains at least one partial section for a wireless transmission. These are characterized by XRD and IR data. The gate insulation layer is between the gate electrode and the fin. A size and an orientation of an original are decided based on an electric signal converted from light that reaches the linear image sensor from the main scanning line via the first optical system, and an electric signal converted from light that reaches the

linear image sensor from the detecting position via the second optical system. The multiple charge sharing switches connect the neighboring pairs of the driving signals.

1459826692-6076f010-4c3b-4ce2-b3bf-7a3d2056bf92

Apparatus for use in a hearing aid wherein a first microphone is connected to the hearing aid case and exposed to free air and a second microphone is connected to the hearing aid case and sealed from free air. The invention also provides a holder for a medicament capsule which holder comprises a chamber suitable for receiving a medicament capsule; and means for generating turbulence in a fluid flow through the chamber such that, in use, the turbulent fluid flow causes vibration of a capsule received by the chamber so as to assist in releasing medicament contained within the capsule. The semiconductor die is mounted to the interposer substrate with the conductive bumps disposed in the plurality of recesses so that the die face is adjacent the facing surface of the interposer substrate. The feature extractor receives an audio signal and extracts recognition features.

1459826692-c0999a70-ee38-492b-a15a-3c4e0620443f

The invention relates to a bendable or vaulting support structure in a bending section or bending and tempering section for glass sheets or panels. The shank includes a number of depressions formed in an outer peripheral portion and extended into the cavity of the handle. Next, the addressing device receives GPS signal indicating the position where it is installed and then addresses the GPS signal, further executing digital security processes to converting the area address into an address signal having the same transmission frequency as that of the baseband satellite TV signal. An ideal level shifter should provide the optimal voltage swing to output switches under all process, supply voltage and temperature variations. The polarized beam splitter enables the laser beams of the first and second laser elements to be simultaneously radiated to the recording layer of an optical disk.

1459826692-d6553562-dcfb-4a41-b03b-d77f033543b8

A wire retriever system comprises a handle with an interior portion. The system further includes a processor operably connected to the store communication network and to the memory for executing the program instructions and a mobile display device operably connected to the processor through the store communication network for rendering an overlay image using the transmitted route rendering data. Functional data which are required for the machining of a specific work piece and which have been fed into the data input and visualization unit or selected in the unit are conveyed from the data input and visualization to the NC control unit. The method includes an act of receiving a computer readable message from a peer-to-peer network.

1459826693-09bbe1b2-a4f6-44da-a8d7-7e40530f205c

Disclosed herein are a turbo-machinery blade breakage monitoring unit and a turbo-apparatus having the same. During the transmission of optical signals each carried by a predefined wavelength defining a transmission channel, said signals are grouped onto the same fiber in a band of channels. By making this idling current behave so as to exponentially change, relative to input control voltage, the invention enables output power control proportional to the input control voltage. The vapor passages within the discriminator, cylinder head and/or manifold are sized for receipt of spring actuated ball's to open and/or close the vapor passages during suction and/or discharge of refrigerant vapor or liquid by the compressor. On receiving a request for content from a user equipment, the base station can directly deliver the content to the UE from the data storage device, over an air interface, when the requested content is locally available. Changes in the operating frequency of the induction power supply and in the distance between induction coils and workpiece are not required to adjust edge frequency heating.

1459826693-0a03d590-2470-4e46-ae38-5665db8fdd10

An actuator element comprises at least two actuator arms. Segmented padding is supplemented in joint areas by tangentially-stepped articulated shielding, each comprising a hingeably interconnected series of rigid shells. The sense amplifier equalization control signal has a rising transition effectively earlier than the rising transition of the sense amplifier enable signal. The abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims pursuant to 37 C. In one embodiment, a plurality of actuator controllers are connected in a configuration wherein one controller is a \u201cmaster\u201d and the remaining controllers are \u201cslaves\u201d to provide a higher level of machine control.

1459826693-5ab21607-60e7-4b3f-945c-07457c1dc5d9

A \u201chigh availability\u201d system comprises multiple switches under the control of one more control processors. Each support structure is adjustably attached to a mounting member that allows individual vertical adjustment of each support structure. The mounting bracket includes a central opening for receiving the electrical device. A first subset of the electrical conductors extends through a plug face of the housing and connect to a plug connector that is located in a region exterior to the housing.

1459826693-85b2c3d6-9f64-4d3f-b161-0e79f6f234a8

Bundled cables and a method for maintaining a plurality of cables together during use and installation and for allowing the cables to be easily separated for termination or connectorization. At least two logical processing units are grouped, wherein data in a first storage coupled to a first logical processing unit of the least two logical processing units is mirrored by data in a second storage coupled to the second logical processing unit of the at least two logical processing units. The aft-body is composed of a crown portion, a sole portion and optionally a ribbon section. The data channel has a variably configurable termination impedance at a host device node that is connectable to a host device. In an alternative embodiment, reflective surfaces may be brought into proximity or into direct contact with the subject and the light source directed onto the subject. The apparatus for carrying out the process includes a wet sludge storage container, a low temperature drying system, storage containers for intermediate storage of the dried biogenic residues, and a thermal treatment system with one or more thermal treatment steps.

1459826694-1886e7da-0ec0-42ca-8197-3ea0e46e5a33

Window cleaning cloths are repetitively conditioned for cleaning windows in a commercial car wash by processing the cloths in a washer-extractor having in sequence a wash cycle, a first rinse and spin cycle and a final rinse and spin cycle. Each bit assembly has a tool bit at a front end and a contact surface at a back end. The two parts are joined together with the free sides facing each other and the cavities in each covering region aligned with each other. The distortion compensation circuitry is configured to boost a portion of the RF signal that is being compressed by the RF switch when the amplitude of the RF signal is above a predetermined threshold by selectively injecting current into one of the input node or the output node.

1459826694-2c72f1a0-1b79-4988-9935-2606b1cc1389

An optical switch has an input section for inputting a light beam and movable optical members each comprised of a piezoelectric actuator for inputting the light beam from the input section and for individually switching an optical path of the light beam. The image processing apparatus acquires ink information about, in particular, a remaining ink level, arrangement direction, and the order of the arrangement of the ink tank, and displays the information about the peripheral device in a user interface of the application using the acquired ink information. The call is established between the called and calling phone. In addition, the

present invention is also directed to methods of using the peptides in a variety of contexts, including the treatment or prevention of infectious diseases. The cleaning device further includes a soiling degree measuring device for measuring soiling degrees of the sunlight reflecting surface before and after air blowing by the air nozzle.

1459826694-383aac03-dee4-4e34-b531-cd8e8675c219

According to one embodiment, a storage medium includes a burst cutting area at an inner periphery, wherein the burst cutting area has includes plural burst-cutting-area data areas. In view of the foregoing problem, the invention provides a depletion mode polycrystalline silicon TFT as a polycrystalline silicon TFT used in an analog buffer circuit such as a source follower circuit. Initially, the first and second variable phase shifters 10, 20 are preferably set to the same phase. The breaking of at least one of the filaments indicates to a repairer that the electronic equipment has been exposed to the predetermined impact force.

1459826694-6899e832-bec0-4a11-b21e-fdea7187cf2f

A hybrid protein comprising the non-toxic proteolytic C fragment of tetanus toxin fused to green fluorescent protein was used to analyze the functional synaptic organization of neural networks. According to one embodiment, a drive load measuring system includes: a pair of mounting assemblies that support opposing end portions of a rotating drive shaft of an oven drive unit; and a PLC control unit operatively connected to the mounting assemblies. The GNSS receiver may be compliant with one or more standards comprising GALILEO, GLONASS, IRNSS, and BEIDOU. The filter fuel that can be selectively routed to either a new fuel filter or a recycled fuel container.

1459826695-080e55a8-ff3d-40a3-ae6b-ba018b6e5894

Thin-film transistors and techniques for forming thin-film transistors. In the thermal curing device, a tank vessel configured to have a fiber layer formed on its outer surface by winding carbon fibers impregnated with a thermosetting resin is held to be rotatable about a virtual central axis of the tank vessel. The substantially straight portion is configured to engage the casing and enable it to travel vertically along the substantially straight portion while maintaining engagement therewith. The barrier can encapsulate at least a portion of the wire-bonds. The ARS then compares the information received from the user PC using information from a relational database. In one exemplary embodiment, the nonvolatile memory apparatus may include: a host interface; a memory controller coupled to the host interface; and a memory area including a plurality of chips controlled by the memory controller.

1459826695-41a84855-e7db-4e5e-a888-a9afa60a94bc

Photosensitive material includes a support, and a photosensitive layer overlaid thereon and containing resin. One partial current is generated by an asymmetric differential amplifier with two lateral bipolar transistors of different area. The method then proceeds to receive a condition from the player that identifies the player credits applied for each chargeable action. On the contrary, in a circuit structure of the present invention, polarity patterns are made to have not less than four kinds, and disclination patterns are made to have not less than two kinds. In some instances, the access point updates its downlink data with a value corresponding to the shift. The systems evaluate a target location within the Karnaugh map corresponding to the first and second indices in the first and second dimensions of the Karnaugh map, respectively, and search for at least one of a simplified minterm and a simplified implicant having the target location using the one-dimensional array.

1459826695-60b2b162-fe60-4902-96f4-be8a9874b56e

Improved robotic surgical systems, devices, and methods often include a first assembly with a surgical end effector supported and manipulated relative to a first

base by a first robotic linkage, while a second surgical end effector manipulated and supported relative to a second, independent base by a second robotic linkage. If flasher bulbs are used in the string, they will twinkle off and on when the operating potential is applied. The cord constituting the carcass layers are arranged substantially in a radial direction in a region of the tire from the bead to a position near a tire maximum width, and from that position to a grounding end. The housing is closed at both ends to seal the slot and prevent ingress of dirt or fluid. Each FET includes a silicon-on-insulator region, a gate electrode disposed on the SOI region, a source stressor, and a drain stressor disposed across from the source stressor relative to the gate electrode, wherein proximities of the source stressor and the drain stressor to a channel of a respective FET are substantially equal. A hollow adjusting screw, a fixing screw and a counternut achieve a vertical adjustment, and a connection to the damping element.

1459826695-651bc517-5a0d-4141-a8ce-6a59d29fbe79

The present invention relates to a process for preparing homopolymers, copolymers and/or block copolymers of 1-olefins by living polymerization, to the use of the homopolymers, copolymers and/or block copolymers obtained for producing high-value materials and to the polymers formed from these homopolymers and/or block copolymers. The invention thus relates to the plants, seeds and tissue cultures of the variety CH745929, and to methods for producing a corn plant produced by crossing a corn plant of variety CH745929 with itself or with another corn plant, such as a plant of another variety. The seal parts interface to form a fluid seal between the composite pipe segments, and also to provide an electrically conductive path between their electrical lines.

1459826696-35fb954d-0368-44c3-90c0-85d0efb2083f

A printhead of an ink jet printer includes plural ejection nozzles for ejecting ink. The ionically resistive ionically permeable element in a preferred embodiment is a disk made of a resistive material having a plurality of perforations formed therein, such that perforations do not form communicating channels within the body of the disk. Moreover, creation and handling of data can easily be performed. When an encoding sequence control unit determines that the encoded data amount in the first memory has exceeded the target data amount, the encoding sequence control unit discards data in the first memory, sets a quantization parameter for a higher compression ratio for the first encoding unit, and causes the first encoding unit to execute encoding.

1459826697-bdc96d3d-81c0-4824-ac28-51123c0a0864

A control module and method for an exhaust system of an engine can include a secondary air intake pressure module that monitors SAI pressure. Each node includes an optical switch to controllably route a plurality of in-ports of the optical switch into a plurality of out-ports of the optical switch. Notches fit around the wire crossovers of the chain link fence and locate the insert at the mid-plane of the fence. A request to change the selected order is detected. In one embodiment, a restore module receives a command to restore the vital product data copy.

1459826698-21f2f452-8b11-40bf-ae8b-2937c8b31bf3

A water-ballasted barrier system incorporates a concave reflective design, wherein outer walls of the barrier segment are configured in a concave manner. In particular, in various illustrated embodiments, a local device such as a Digital Media Adapter, mobile device, cellular telephone, etc. Selection of parameters also provides power to energy ratios for high power, high energy batteries of at least 10. They can be assembled using cold shrinking and heat expanding. The device includes a body having a zigzag-shaped structure, which forms ducts for said gas flows, and the body is designed for the transfer of heat between the first gas flow and the second gas flow.

1459826698-6cd5f511-dc1f-40ef-9219-78996379a588

A multi-stage swing horticultural watering appliance includes a base, a water-dispensing basin, a swing device, a spraying cover and a swing outlet pipe. The pressure-sensing switch extended in an X-Y-direction includes pressure sensing portions arranged in an X-direction and connection portion provided between the pressure sensing portions for connecting the pressure sensing portions. In other embodiments, the inventors have shown that there is improved Ad-p53 production with cells grown in serum-free conditions, and in particular in serum-free suspension culture. Each respective pivot portion defines a respective bore section formed for aligned receipt of the hub device therein.

1459826698-b937b602-9f4c-4809-a638-043d5ad9804e

A next processing pin is applied as a follow-on pin to a stone, wherein the stone is held by a preceding pin and fixed to the stone by way of a first adhesive bonding location. A lever system is operatively coupled between the lid and the drawer such that upon opening or closing the lid, the drawer is moved. The superlattice may include a plurality of stacked groups of layers, with each group comprising a plurality of stacked base semiconductor monolayers defining a base semiconductor portion and at least one non-semiconductor monolayer thereon. The filter cartridge defines a pair of fluid flow paths extending through a central cavity thereof.

1459826699-06891823-5143-4be6-8b60-191ecae14c53

An electronic control unit inputs from temperature sensors a temperature of the heating side of a thermoelectric conversion section assembled to each of brake units provided for left and right rear wheels. The measuring cell is connected to the printed circuit board and is mounted in the housing in a shock-absorbing manner in the radial and longitudinal directions and is in gas flow connection with the environment through openings in the housing. Further, the system may include an interactive voice response system that requests an agent's identification from the VACD, wherein the VACD and the web server are coupled to the IVR system, and wherein the VACD routes a customer's information to an agent desktop environment coupled to the VACD.

1459826699-4e1c6c38-033e-4ded-a807-fe9322f890f8

A dynamic damper includes a cylindrical mass metal element, a cylindrical elastic-body attachment portion, a cylindrical elastic-body connection portion, and an elastic-body covering portion. The elevation mechanism includes a pair of hydraulic actuators, each actuator covered by a telescoping shroud. A query server accesses an index of the scored web pages to locate pages that are both responsive to a user's search query and likely to include a product offering. The re-click event, based on human impatience, may be determined to be an indicator of a human user. A region including the subject having the largest parallax among subjects in the left and right images is clipped and displayed in a small screen with the size of the display unit of the camera.

1459826699-b9e4ca0c-f025-47e4-8012-40d75a71fda0

A flow meter device that improves a way to obtain an accurate differential pressure across an orifice body situated in line with the flow of gas and liquids. The measurement period coincides with a period when no signal is transmitted on the channel. The resulting fasteners, articles, or components manufactured from such material have improved material performance characteristics associated with this ultra-fine, submicron grain material structure.

1459826700-177faf89-0d09-4ff4-ac36-0ceaeba026ea

The physical training machine operation system of the present invention is adapted to inexpensively provide up-to-date exercise programs making use of results of medical science, exercise physiology and other sciences, specifically for individual users. Operation commences with the wireless terminal accessing its GPS receiver to determine its location coordinates. The date is printed by pressing the

print hammer and pressing the business card against the type with the printing ribbon interposed therebetween. When this occurs, the program determines which of the parameters, such as the location, transmission power, channel and/or frequency, antenna height, and the like, alone or in combination, of the point of communication interfering with the increased market coverage scenario to vary to overcome the conflict with communications and/or regulatory law. The security element may comprise EAS, RFID elements or any combination thereof. The action computers are interconnected via an action bus, and the auxiliary computers are interconnected via an auxiliary bus.

1459826700-2d80f5b4-741f-4009-a9ee-ed7823b3ca96

This invention relates to a method and an apparatus for electronic communication between at least two communication devices. A pulse generator having a pulsed signal output node and a pulse generator input node is coupled to the compensation frequency output node and converts the compensation frequency signal into a series of compensation binary pulses having a constant pulse duration regardless of variations in the duty cycle of the compensation binary pulses. The values of the cardiac parameters are compared to predetermined value ranges for NSR cardiac complexes. The fine timing generator also includes a phase shifter that receives the sinusoidal signal and the timing command input and shifts the phase of the sinusoidal signal based on the timing input to generate the phase shifted sinusoidal signal.

1459826700-fdf3a826-f97f-470b-9996-311d7e1678c0

A semiconductor device includes: a semiconductor substrate having a first semiconductor layer, an insulation layer and a second semiconductor layer, which are stacked in this order; a LDMOS transistor disposed on the first semiconductor layer; and a region having a dielectric constant, which is lower than that of the first or second semiconductor layer. The thermal blanket includes an inflatable portion for receiving the conditioned gas under pressure and for being positioned over a portion of the body of the user. The flipper panel assembly includes a main panel slidably disposed on the cargo load floor and fixedly secured to the seat assembly. In another embodiment, a patterned masking layer is formed over a substrate having a plurality of openings formed within an insulative layer, wherein some of the openings comprise capacitor container openings within a memory array and other of the openings comprise conductive line contact openings disposed over conductive lines within a peripheral area outward of the memory array. One configuration includes an objective lens coaxially aligned with the flow of particles being analyzed for collecting emissions at a detector. The reinforcement also enhances the impact resistance of the boards after installation.

1459826701-27a52e7f-15ad-4b47-bee5-0bff08c93e86

The invention provides a semiconductor device, and a manufacturing method, comprising a semiconductor substrate, a gate insulating film, a gate electrode, and a source-drain diffusion layer. When the member reaches the second position, the member actuates the coin sensor arrangement to signal the presence of the coin. By sensing skin temperature, the homogeneity thereof, the time variations thereof and the correlation between the two series of infrared images, the present invention decreases the rate of false positives and false negatives.

1459826701-6040ec76-3ea0-49c1-9954-ef5b8d4927d6

A flow regulator device and an associated method of using the device to constrict the flow of fluid through an intravenous line is disclosed. The base includes a plurality of longitudinal rails and a plurality of transverse ribs for supporting and spacing the filter element. The integrally molded eye and lid of the present invention reduces the part count of the eye when compared to conventional two-piece eyelid combinations, which lowers the cost of production by eliminating high cost, labor intensive secondary operations. The sensor assembly further provides a non-conductive spacer positioned between the cable and the plurality of sensing



elements.

1459826701-7be3824e-4ec2-4f20-aae4-520136c6b7bc

Data is copied from a source storage device to a destination storage device in a differential mode. The cross-differential amplifier includes an inductor connected to a direct current power source at a first terminal. The upper cladding layer comprises a first upper cladding layer and a second upper cladding layer having a higher band gap than that of the first upper cladding layer.

1459826701-7c0c474d-79e6-4c33-a1fd-a5e907ef0bfc

A micromachined z-axis rate gyroscope with multidirectional drive-mode has an increased drive-mode bandwidth for relaxing mode-matching requirement in which the drive and sense modes are completely decoupled. Communication channel allocation commands associated with a first network are monitored. According to the invention, the first generating unit includes first units of Peltier cells and at least one first contact plate which is made from a heat conductor material and which is placed in contact with a first side of the units of Peltier cells. After receiving user requirements in a response to the query, the tool selects a number of power management integrated circuit tiles having pre-defined physical structures. The CPC is an identifier that represents a group of members of a trusted user circle.

1459826701-9a02603b-2fd5-4162-bc86-e5c5e533fd6c

A system and a method for publishing a newspaper page or other data through a Web page, such that the information can be made available more easily through a network such as the Internet. Proxies may be employed to intercept messages and data transmitted between the stations and to enable transmission of data between the stations in compressed form. The cavity formation material disappears during heating. The at least one separating portion may have at least one oil pocket spaced from the associated supply channel. The difference in sensitivity between the measuring unit and the reference unit is detected before initiating the measurement of the change of a state of attenuation in total internal reflection, and result of measurement by the measuring system is calibrated on the basis of the difference in sensitivity between the measuring unit and the reference unit. The sandal or shoe also includes at least one material partially covering a user's foot extending across the socklining for holding the sandal onto a user's foot and a securing mechanism extending from the at least one material through the socklining to the outsole for securing the socklining directly to the outsole.

1459826702-2af6fbba-bb4b-4ee0-9b87-1cb146cda47e

An ink accommodating pouch for accommodating ink is produced in the following manner.  $ySiO_2 \cdot xH_2O$  wherein, in Formula, M represents K or Na, x represents 1 or 2, and y represents an integer of 1 to 5. The in-plane pulse current is used to flip the magnetization direction of the perpendicular-anisotropy data storage layer sandwiched between a heavy metal writing current-carrying layer and a dielectric layer. First and second pivotal side doors are provided at the head end of the blind. The one or more modulators are adapted to control the one or more switching circuits to transfer power from an input power source to a load, based at least in part on the modulator control voltage.

1459826702-a8316964-9544-43e2-8a83-56600393bd01

A method to release hydrogen from a material comprising hydrogen fixed fullerenes involves irradiating the hydrogen fixed fullerenes with electromagnetic radiation of sufficient intensity to release hydrogen rapidly upon irradiation. A multi-parameter measurement module generates output signals as a function of wavelength or angle of incidence. The first image is rendered on a white background. For example, Gln60GlyLeu148Phe binds with wild-type affinity to lactose operator DNA and exhibits enhanced responsivity to IPTG.

1459826703-53bf19c1-c38b-4fc2-a343-f481adf4125b

A gas separation membrane comprises a blend of polyethersulfone and aromatic polyimide polymers that may comprise a plurality of first repeating units of formula  $\text{--}[\text{X}_1\text{--}(\text{X}_2)_n\text{--}(\text{X}_3)_m\text{--}]_p\text{--}$ , wherein X1, X2 and X3 are herein defined. When a playback image signal Dvr is supplied from a control unit, the synchronizing signal generator is self-driven. The background portion has a transparent optical density of 3. The method comprises identifying among a plurality of data records, a data record associated with the particular trip, receiving data elements at the client derived from the record associated with the particular trip and pre-populating the information display fields with the respective data elements. Then, the superimposer superimposes the indicator mark such that a brightness of the indicator mark increases as the luminance of the position increases.

1459826703-64f4c580-72bd-4e70-835b-981a61e78df3

An apparatus for creating an anatomic space in tissue in a body comprises an introducer and a sheath. The module communicates with a communication network that comprises various nodes configured by a network controller module and a network communication module. The looped, endless belt is entrained around the plurality of rollers for conveying the recording medium in a longitudinal, conveyance direction thereof.

1459826703-80f6f972-7359-4723-b287-7199340c18cd

An animal management system includes a beacon, a radio animal tag configured to monitor the proximity of the animal tag to the beacon, and a reader configured to read information from the animal tag. A diamond film is deposited by a CVD method and porous grits are used as a victim substrate to be etched later, so that the substrate can be easily removed by a capillary phenomenon that an etching solution can be intensively absorbed in a substrate etching process. Subsequently, component-related, context-related, and/or user-specific troubleshooting workflow guidance associated with the faulty system component identified may be retrieved and/or determined by a processor and presented. The state management operation relates to the state of a server-side control object. A separate inventive feature is the deformability of the piston so that force transmission to the trigger means to initiate needle retraction only occurs upon full content expression when the piston has bottomed out within the cartridge.

1459826703-92bfbb6d-e4c2-4fe7-9d34-2742d32617fd

A self-laminating rotating cable marker label is constructed of a transparent film having a first adhesive area, an adhesive-free smooth area, and a second adhesive area. The first power connector comprises a first housing and a first contact module consisted of a plurality of first contact units assembled in the first housing. The weapon is mounted on a circumferential fifth wheel including a fixed portion integral with the turret and a movable portion on which the weapon is mounted, in order that the movable fifth wheel rotates on the fixed one, permitting the movement of the weapon along the circumference. The front attachment part has a front bearing for bearing a load acting from the interaction. A first pawl and a second pawl are provided to movably mount on the first shifting lever and the second shifting lever, respectively.

1459826703-92d7a90a-4b50-4262-a064-5b683397c8a4

A lumped resistance electrical cable has a multiple twisted pair ribbon cable having first and second conductive lines and twisted and untwisted portions. The method at the called telephony communication device includes receiving a request from a calling telephony communication device. The raft has a geometry such that it can be positioned around the driven wheels of the vehicle so that the driven wheels can be used to propel the flood rescue raft and vehicle thereon to safety.

1459826703-aed17b82-d082-44ef-bd74-73945dc23575

A semiconductor device having two different gate dielectric thicknesses is formed using a single high-k dielectric layer, preferably a metal oxide. The controller is

configured to stop the first transfer section prior to the second transfer section upon detection of a jam of the print medium. The first layer may have a first doping type such as p-type doping, whereas the second layer may have a second, opposite doping type such as n-type doping. When the balloon is inflated to deploy the stent; the balloon ends inflate and uncover the stent. Sintering produces a strong metallurgical bond between the shaft and rotor, providing a near-net rotor shaft assembly and also an inexpensive and efficient method for the manufacture of an assembly capable of withstanding the high forces and temperatures within a turbocharger. The method also includes the steps of measuring the actual metabolic rate of the individual and determining a metabolic comparison factor by comparing the measured actual metabolic rate to a predetermined standard metabolic rate.

1459826704-307bca07-c6cf-4797-bd43-c9d4d2e872ab

A power switch includes a first power transistor having a first source electrode, a first gate electrode, and a first drain electrode, and a second power transistor having a second source electrode, a second gate electrode, and a second drain electrode. A valve mechanism is disposed within the fluid passageway adapted to substantially cyclically build-up and release pressure within the fluid passageway such that a pressure build-up results in radial expansion of at least a portion of the fluid passageway and wherein a pressure release results in a contraction of the portion of the fluid passageway. If the end of the branching tree is reached, or if the next item of audio data is not stored upon the portable telephone, then the required data or program is downloaded from a server device 50, and the game is continued. Debug operations may ensue thereafter by utilizing a debugger integrated with the architectural simulator. At least one extension element is arranged on an outer side on the active part at a distance from the driver.

1459826704-5586eaa7-5e42-4d0d-ad16-bc5a711daf08

The invention relates to a hydraulic mineral composition which is characterized in that it comprises a vitreous or crystallised matrix based on magnesium and calcium silico-aluminates which represent at least 25 wt. The housing has a top surface, where an internal cavity is formed, and a sidewall having an inner shoulder. Nanogrooves and methods of making nanogrooves.

1459826704-5685a498-ba10-4a57-915b-caa71868ce4a

A dynamic element matching method for a multi-unit-element digital-to-analog converter having unit elements comprises several steps. The chamber is defined by at least one wall having an external surface for contacting a transducer device. According to the power-supply device, a voltage drop by equivalent series resistance emerging the output voltage of the power-supply device can be compensated.

1459826704-5c69b957-faff-4c96-9231-1ab5d16b0fd6

A method and system for creating a controllable, shaped, and scalable graphical user interface object for use in an application program displayed on a computer. In one aspect, a plurality of codes, such as SSCs, are correlated with a received signal at a plurality of offsets to produce a codeslot energy corresponding to each codeslot boundary pair. The one or more condensation monomers may be either a solid or a liquid at room temperature. Each node receives heartbeat signals from its neighboring nodes. In some embodiments, the breakaway coupling is releasably held together by way of magnetic attraction between two coupling segments, with one electrical contact on each segment to comprise one set of functional contacts.

1459826704-85e01525-ac7e-4127-b6a4-95121e8d87fe

A semiconductor module is of a structure such that a wiring layer, an insulating resin layer and a semiconductor device are stacked in this order by bonding them together with compression. The socket includes pinch-style support contacts which establish a reference seating plane for an IC package. A bearing plate extends vertically from the support plate. Each redundancy circuit comprises a switch and

resistor electrically in series.

1459826705-0aa90728-d83b-4ffe-8921-d23b39fd81ec

A self-help oil changing apparatus includes a nozzle having an outer tube in which an oil suction tube and an oil filling tube are received. An LED driver circuit comprises components including a phase lock loop, a pulse width modulation engine, a configuration register, a series of gain adjustable fast charge current sources, and a serial input/output interface. The siloxane oligomers can be used as coupling agents in rubber mixtures or as building preservation agents.

1459826705-0b58f37f-7229-4d78-9ebc-e2888575d13d

The invention relates to an intermediate element for the arrangement of a probe pin with respect to the probe pin carrier of a coordinate measuring machine, having a single-piece base body with a probe pin end and a machine end. In at least some example embodiments, the first bit string includes packet header information. The optical element is positioned relative to the optical fiber in response to attachment of the ferrule to the ferrule attachment part. This separator is useful for an electrochemical device, particularly a lithium secondary battery.

1459826705-ee3db12c-2577-4e26-97cf-b430acdf5340

The present invention relates to a tool for analyzing by priority a defect having a high possibility of causing an electrical failure when inspecting a particle and a pattern defect in a piece of work which constitutes an electronic device such as a semiconductor integrated circuit, and relates to a system therefor. The fluid is filtered with a filtration system, and upstream of a final filtration stage of the filtration system, a purity of the fluid is measured. The integrating detector can detect the colored light emitted by the light-emitting units as reflected off a surface by integrating the colored light detected over a period of time. The rear edge of the cover can be raised out of the closed position by moving the slide by means of the raising lever. AII fragments or analogues thereof or AII AT2 type 2 receptor agonists to a patient in need of chemotherapy. A gain parameter can be adjusted to alter sensitivity.

1459826706-829bf666-52dc-44bc-9194-9f8f0bb704ea

A display unit capable of inhibiting moisture and gas from penetrating into a liquid crystal layer and an alignment layer also after formation of a display electrode and suppressing decomposition of a material forming the display electrode is obtained. The methods described herein comprise contacting a provocative agent to live cells and measuring and analyzing adaptive readouts. Each of the head members is designed to remove or tighten a fastener without slipping. A primary leak path may exist between the seal ring and the seal carrier and a secondary leak path may exist between the seal carrier and the valve body. When either the curved surface mobile panel or the button input panel move, the curved space will become narrowed or extended. A rotational speed of the motor is adjusted by a controller, so that a rotational speed of the compressor is changed with respect to a rotational speed of the pulley.

1459826706-be88c91d-0cc5-48d6-9552-7fdf175257e7

A ceramic sheathed-element glow plug includes a ceramic glow element made of an electrically conductive layer and an electrically insulating layer, in which the conductive layer is made of supply layers and a heating layer. The harness protector has a first wall secured to a door panel of the sliding door by a first securing means, and the harness protector has a second wall opposed to the first wall. In some embodiments, each PWM module generates an output phase-shifted PWM signal based on the input data and its corresponding input phase-shifted clock signal. The vortex ring imparts a spiraling motion to the flow of superheated steam. The n electrode and the p electrode are connected to the n-type contact layer and the p-type contact layer, respectively.

1459826706-f4533cee-966f-4727-8441-be520e947bd1

Disclosed herein is a radiation image information reader for reading radiation image information from a stimuable phosphor sheet and obtaining an image signal which represents the radiation image information. The mechanical press includes a frame having a press head, a base pivotable between a load position and a working position, and a tie rod coupling the press head and the base. A novel method and system for reducing spontaneous beat noise is also disclosed.

1459826707-0ecac2ee-2a4b-4683-ab86-bd6ae9043a4a

The present invention relates to a Push to talk Over Cellular PoC Server for providing PoC communication services in mobile radio communications system, the PoC Server being arranged to perform at least one Controlling PoC Function for a PoC Session between PoC Clients in mobile terminals. Each magnetization direction of the first and second magnetization free layers is allowed to vary independently in response to a signal magnetic flux from a medium. The terminal further includes a resource manager operable to provide, to a selected service, the plurality of resources indicated in the resource set information in the associated service execution environment. The transaction interface is adapted to provide an instruction set to the user for performing a financial transaction.

1459826707-adf7a55a-f9f2-4c68-9942-07f803df2662

Computer program products are configured to allow dual operational modes of packaging systems to produce encased products using interchangeable first or second horns. The method includes determining relationships between the tasks and generating a task network comprising the tasks of the first process. A transition assembly is positioned between the proximal cannula and the distal end section. The reduced expression is nested in the single abstraction by: appending a selected prefix of the composed abstraction to the reduced expression, binding the open variables of the reduced expression to the formal parameter of the selected prefix, and computing the type of the formal parameter of the selected prefix. Such methods are believed to be useful for affecting neuroregeneration, cell proliferation, cell differentiation, extracellular matrix formation, myelination, inflammation, immune function, liver function, pancreatic function, angiogenesis, or wound healing; and/or for preventing or treating diabetes. There is provided a sound collector for collecting voices and converting the voices to a voice signal, a communication unit for communicating with a cellular phone terminal according to a predetermined communication protocol, and a reproducing unit for reproducing the voice signal received in the communication unit.

1459826707-d48635e9-2b5e-4007-b38c-bc73753f86e2

One embodiment of a golfing apparatus for assisting a golfer in playing golf includes an belt member adapted to be wrapped around a waist of the golfer. Furthermore, there is a milk collecting arrangement for receiving milk pumped from said woman's breast. The gripping side of the groove is nearly perpendicular to the direction of crop travel for positive gripping and advancing the crop.

1459826708-4e9134ae-cdb7-4795-b0ac-d4007b806314

Disclosed are oligo- or polysiloxanes, which are characterized by containing at least 3, for example 4-3000, Si atoms in the main chain, and wherein at least one thereof is contained in a moiety of the formula whose variables and attachments are described within. The connecting element includes an anchor for securing the connecting element to a bone, in particular a vertebra, a first lateral opening, and a top opening with a first inner screw thread. The second interface communicates with the peripheral device over a clock conductor and a single ended data connection which includes a data conductor. At least one, preferably three, geophones are positioned in connection with this structure. Subsequently, a salicide process is performed to form a silicide layer on the sourcedrain doping region, the resistor, and the efuse.

1459826708-564fff8c-1592-480c-8d4b-e242d6f36e30

Disclosed are methods, systems, and computer program products for performing temperature standardization of the volume of a liquid product from a distributor to a consumer. In particular the present invention relates to adhesives that provide secure attachment and are pleasing to the skin upon application, yet cause no discomfort upon removal. The cue may user-specific, or optionally provided based on a level of care required by the user. In other aspects the invention relates to the use of these compounds in a method for therapy and to pharmaceutical compositions comprising the compounds of the invention. A clip manager maintains a global clip-list, and responds to messages from the applications by updating the global clip-list and informing those other applications of relevant changes to their own respective local clip-lists.

1459826708-95767eb8-984d-470d-9a78-f67166bbfd5c

Methods and systems for blackout provisioning in a communication network. It is the object of the invention to propose a method for coding a data stream which provides for simple coding of the data stream while at the same time ensuring a digital sum value close to zero. Additional systems and methods are also presented. A received packet is forwarded to an FSD of the cluster by: extracting a configurable number of bit values from a configurable set of bit positions within the packet; determining the output of the load balancing function; identifying the port to which the FSD is coupled based on the output and the table; and transmitting the packet to the FSD via the identified port.

1459826708-9df02e47-ada2-4574-9e14-c244efe6c8df

A composition includes at least, in % expressed by mass relative to the total mass of the composition, from 0. Feeder systems need to be able to handle a variety of types of paper with different weights and finishes. This enables a receiver to recognize the synchronous data in the transmitted signal easily and reliably. The applied force may be the force of gravity, or it may be an induced force such as a centrifugal force applied with a centrifuge or similar apparatus.

1459826708-ea0f3ddc-3f88-401c-b928-3c65feb3064f

A serving tray apparatus comprising a container support portion and a handforearm engaging portion incorporating a mechanism for releasably attaching the container support portion to the handforearm engaging portion. The keyboard preferably includes an alphanumeric or QWERTY section and an editing section laterally disposed from the numeric section. The outer resilient material layer of the shield can be formed of closed cell foam or a gelatinous material. Other aspects of the present invention include an edging machine and a trenching machine, both being of a compact design.

1459826709-201b4ed6-613b-42cc-aed6-ee7e3b55c44a

A powertrain is provided having a multi-speed transmission. The clock signal may be single-ended or differential. The face of each blade 42 that is located on the leading side of the rotation direction forms a positive pressure surface 42p, and a face located on the trailing side forms a negative pressure surface 42q.

1459826709-e07b7e5d-ddf0-465b-8ef0-84ee3325746e

A method for sharing and updating a key using a watermark is disclosed. The heater typically includes a first conductive medium and a second conductive medium disposed upon a carrier. Therefore, a front appearance of the refrigerator is beautifully maintained. The end opposite the handle may include a series of impact ribs with cutting blades removably installable thereon, to produce non-lethal cuts in an assailant during an attack. The integrated circuit is configured to receive a voltage input to generate the voltage output having a maximum voltage higher than the voltage input. A custom parameter rule can be generated based on the comparison.

1459826710-3d1dbf1f-b206-4c6b-8207-d12686d794b9

A liquid crystal display that can clamp a document is provided. The method involves treating the conduit system making up the sewerage network before it reaches a typical sewerage treatment plant. The call note includes call data that are related to the phone call. A table of known locations within the building and the base station signal strength at those locations is searched to find the most similar stored signal strength to the signal strength detected. The appointment system includes a billing interface that charges the patient's insurance for the appointment.

1459826710-4ebcda53-43c0-4518-adec-b74c4bb886de

A process for electrolessly plating particulate matter is disclosed wherein the particulate and the electroless plating solution, without a reducing agent component, are combined with agitation in a plating vessel. The first opening communicating with a third opening of the housing to form a channel for a first leg of the hasp. They may be administered to patients to alleviate pain, produce analgesic effects, or assist in cases of narcotics withdrawal, and may also be used as probes for receptor activity. On the axial, there are stopper rings and elastic flexible keys. Further, several bearings are introduced to align shafts and absorb thrust created while applying pressure to a work piece. Devices and various adaptations therein are described for use in electrical therapy.

1459826710-862346af-724e-4f01-bd4f-ea0109d2afcf

A router controls transmission of packets over a plurality of networks. The processor is configured to determine a specific gravity, a hydrocarbon ratio, or both, for the liquid fuel based, at least in part, on the lower heating value of the liquid fuel. During the wet treatment of the successive batches the conductivity of the solution 5 is monitored, which monitored conductivity is brought to approximately a desired conductivity at second time intervals during the wet treatment of the successive batches by adding the active component or the solvent, or both, to the solution 5 inside the bath 4. The relative surface area of a first segment of the display area that coherently assumes the first display state and the relative surface area of a second segment of the display area that coherently assumes the second display state are defined by the currently adjusted position of the adjusting mechanism. The base can further include first and second wings that each has a width that is at least twice a width of the base. The assembly also includes an electrically conductive member disposed at the surface of the element to serve as a gas diffusion media.

1459826711-125372c7-0c18-4e93-b232-39496eb7d449

Laminates are disclosed having interlayers containing an infrared absorbing amount of lanthanum hexaboride coated on or dispersed in a thermoplastic polymeric matrix. Each cell in the array includes a pair of memory element electrodes. Higher voltages than that of the logic power domain are generated in response to an oscillator oscillating. The first end of the wire terminal is secured to the electrical contact using a mechanical device such as a crimping connector or a spring connector.

1459826711-8ab8c80b-f405-4a38-acae-7d711ec7ba8b

An adjustable regulated power device includes, for example, an electronic potential device, a regulated device and a control device. The method includes using servo tracking error to obtain a measured value of insitu non-repeatable runout for the hard disk drive, the hard disk drive having been filled with the gas and hermetically sealed. The hydraulic control system includes first and second mode valves located downstream of a hydraulic fluid pressure source. A normalized phase error for the selected measured tone is estimated.

1459826711-c65d5a1b-f483-4a26-a9b1-3fdeb6f5fa4a

A method and system of authenticating a computer resource such as an application or

data on a mobile device uses a contactless token to provide multi-factor user authentication. Packets representing the switching intervals of each component of the desired fluid mixture are provided to an intake of the mixing pump system. The work implement is configured to be supported by the frame. The surface of the sheet forms a guide deck for the paper path. With such a configuration, the disclosed SPESDFET provides robust ESD protection without consuming additional area and without altering the basic FET design. In the described and illustrated embodiment of the invention, this pressure differential is a pneumatic pressure differential.

1459826711-f7a6aabf-6a2e-4a5d-80b3-9cd4a5ce9324

An agricultural machine including a carrying vehicle and plural work units configured to cut a standing product. The image details in bright and/or dark regions can be further boosted by applying a local mean adaptive gain. A maximum outside diameter portion of the interconnecting bridge portion is located radially outward of a median point between inner and outer peripheral ends of the lip portion on the side of bush. The panel is then transported into alternate dispensing systems for resin coating. The count comparator is coupled to the conversion unit for counting a number generated by a reference clock during a period of the clock, and comparing the pulse number with a predetermined value to generate an adjustment signal. The strain relief projects beyond the second mating face and is positioned such that the cable assembly rests against the strain relief when the cable assembly is joined to the second mating face.

1459826712-14c28af2-d196-4151-81af-b3246e64aa03

A method and system of canceling radio frequency interference sourced from a narrow-band radio frequency transmitter to interfere with the operation of a multi-carrier modulation system. The support plate may be composed of a composite material, such as carbon-fiber reinforced polymer or aluminum metal matrix composite, and the edge frame may be composed of a foam material, such as closed-cell aluminum foam. The MS additionally receives at least one terrestrial base station signal with a second receiver, and estimates a time of arrival of the at least one terrestrial base station signal. The processor then generates the plurality of compressed forms that can be used to compress the body of text. The spacing member may include a first cover part which is located between the driving input part and the driving input member and covers at least a portion of the driving input part. In addition, values in relation to the spinning stability, tear resistance and evenness can be achieved which are usual in the case of a notched contact surface of standard yarn withdrawal nozzles without a balloon-breaking insert.

1459826712-5ab607e2-e004-4bcf-8f9b-b81b84ac4e88

An integrated circuit is manufactured by providing a P or P type semiconductor substrate with a resistivity of 10 to 1000 cm, disposing a CMOS on top of the semiconductor substrate, depositing an insulating film with several wirings embedded therein over the CMOS, and disposing an inductor on top of the insulating film in a region that is apart from where the CMOS is positioned. In order to obtain superior dynamic behavior and enhanced dielectric strength the oxidation behavior of the field plate electrode is modified, for instance by incorporating a desired high concentration of arsenic. The light further includes a second group of light emitting diodes displaced axially with respect to the first light emitting diodes, which emit light that bypasses the second focal point or focal line of the first reflector of the first optical unit. The thermal sensing element may be located near the components with the lowest failure temperature to ensure the multi-chip package is not damaged during the healing process.

1459826712-66f0a2aa-6b44-4c72-bce8-e90b3be622fe

An immersion probe has a probe body having a longitudinal axis and an outer surface surrounding the longitudinal axis, wherein a portion of the outer surface has sampling elements, which extend around the longitudinal axis in the peripheral



direction and which have a radial dimension. The transmitting device includes a transmission list in which frames to be transmitted are stored. Otherwise, the digital media controller connects to the media server and the media renderer using the fastest available connections, in the event that the renderer cannot stream directly from the server, whether due to network connectivity or format incompatibility.

1459826712-87d6d3a1-9065-45b0-abdc-6521a74acbdc

A method of treating a subterranean formation surrounding a wellbore, according to which a tool inserted into the wellbore for performing a function in the wellbore is fabricated of a material that breaks up upon detonation of an explosive mounted on the tool, thus allowing the pieces of the tool to fall to the bottom of the wellbore. Services may be developed that can be used to support different client devices with different capabilities. A check code is formed from the authentication value and the random sting. The bit sequence program controller counts the number of the bits that require programming in the program word by counting the number of bits of the program word that are not in an erased logical state to determine when the programming should be completed.

1459826712-b6e8af4a-1f7b-4a53-8902-cb2828d22673

A passenger detection system is provided for a vehicle having at least one opening to allow passengers to enter and exit the vehicle. The systems may be used to obtain images of the cardiac tissues particularly in a blood-filled environment. Evidence that an object is located in the field of view is used for detection, and evidence that the object satisfies appropriate inspection criteria is used for inspection.

1459826713-6b0a94f0-57eb-46de-9d67-b12cfd6039b4

Technologies are generally described for employing ultra-short pulsed X-rays in X-ray computer tomography. The outer circumference of each of the at least one bearing is surrounded by one tapered forcing ring which is arranged inside the housing. Then estimating a lower bound of excess delay introduced into the signals received from the base stations based on the time of arrival of the signals from the respective base stations and a known distance between the base stations. Calculating arc radius is a much simpler operation than the alternatives and can be easily and efficiently performed by the pixel shader. Elevation and azimuth angular binning is applied to the estimated monopulse angle bin to obtain a smaller coverage area among one or more possible target areas. In-room device requirements in guest rooms of a hospitality establishment are thereby minimized while providing enhanced user interface performance.

1459826713-83a40431-b531-4bf6-a7d8-69a822297606

A children's playboard of the type comprising a backing having a front surface of a cloth material for adhering figurines thereto and a back surface is disclosed. In one embodiment, an application receives content that may contain a script. The forend comprises an elongate body having a U-shaped cross-section configured to be secured to the action slide assembly by an action slide cap engaged to a distal end of the action slide assembly. The event handling system receives events from ClientsSources via connections through the event handling system Input Portals, and uses Shared Memory as its form of inter-process communication with the Monitors. The position sensor creates an inner loop with position feedback on the position of the actuator and spool valve, while the outer loop controls the phase angle.

1459826713-92361c49-ab78-4cda-aa9a-8af219a048a7

In a switching element using, for the active layer, a carbon nanotube dispersed film which can be manufactured at low temperatures, the interaction between the CNT and the surface of the gate insulating film is insufficient. In one aspect, the flexible display device includes a first display which has a flat shape and a second display which is disposed on either side of the first display and has a

curved surface bent at a boundary between the first and second displays. The strut includes an engagement end and a base end including a first side and a second side thereof. The resources and the metadata are both analyzed with respect to the query such that a response indicative of a match between at least two of the resources and the query is a ranked search result included in the response.

1459826714-2f1d9129-cef0-41d9-b329-98b53fc7d285

Systems, methods and apparatuses for manufacturing dosage forms, and to dosage forms made using such systems, methods and apparatuses are provided. At least one of the surfaces which has a different designation than the surfaces on which the tabs and hook are located, is equipped with a button, one end of which is equipped with a first slide surface. The migration of coating ingredients creates a gradual transition layer from the plastic film to the coating layer and leads to unique properties. A separation pattern may be provided between the first and second rows of vertical structures and include a separation semiconductor layer. The end face of the calking die has a peripheral recess, which extends from a diameter defining a radially inner remaining end face to a radially outer circumferential face of the calking die and which is intended for at least partially receiving the calked bead.

1459826714-33791c43-87ad-4c05-9926-37efd6d002e8

A computer-implemented method for using geo-location information in sensitive Internet transactions is disclosed. The image pickup unit includes an image sensor. It also sends a corresponding notification message over the reserved block. Also described is a plurality of sources 100 and light receiving apparatus 102 sitting atop a vertically moving support structure 110 that may view 360 degrees, of the whole circumferential interior surface of the tire.

1459826714-e3fc0260-0c6c-4bcd-89ef-9ef72c053d07

A method for constructing an agent in a first execution environment that utilizes a set of compiled, canonical rules, comprising requesting a canonical rule set for the agent, compiling the rule set and supplying the agent with the compiled rule set. Sample aerosol particles are compared against and identified with substantially matching known particle types by producing positive and negative test spectra of an individual aerosol particle using a bipolar single particle mass spectrometer. By this arrangement, scattered light enters each fiber from a direction substantially parallel to the fiber axis.

1459826714-fef8fc6b-ea82-430e-adf1-5d7ede4a68bb

An assembly for selectively lifting a computer monitor, and particularly a flat screen computer monitor, from a storage position below the top of a desk or table, to a use position above the top in which the monitor is visible to the user. A cam pivotably mounted opposite the opening has a serrated edge opposite a handle. The first AEE is configured to be isolated from the second AEE. This deflection may be converted into rotation of a power shaft included in a motor. This data may be a list of URLs of succeeding pages only by which the current page may be controlled.

1459826715-73d2e337-5fca-4317-bbb7-66d1199f05b2

A method relating to an improved swing characteristic capturing system that can be used for a golf club shaft fitting system is disclosed herein. A p-stage shift register which is clocked at a clock frequency corresponding to the high clock frequency of the digital circuit to be tested has connected to its parallel loading inputs p logical gates which logically combine a static control word with a dynamic n-position test word. That information is derived at least in part from automatically collected data related to user behavior with respect to at least one television advertisement delivered to a set-top box, which set-top box corresponds, at the time of that user behavior, to the first set-top box identifier. When the transparent siloxane resin produced by a non-hydrolytic reaction forms a composite in combination with the glass filler, the composite realizes high transparency and heat resistance, as well as a low thermal expansion coefficient. The retransmit

register is responsive to a retransmit address and has a data input electrically coupled to the data input port.

1459826715-a348b17c-333d-4c17-8734-d19be8c28b10

A light emitting diode backlight driving circuit includes a rectifier module, a voltage reduction module coupled to the rectifier module, and an LED lightbar coupled to the voltage reduction module. A determination is made as to whether payload data has been received from a subscriber's terminal. The memory-array die comprises at least a 3D-M array, which is built in a 3-D space. Each of the side edges of the segments associated with the slot defines a substantially vertical plane with a zone being defined between the substantially vertical planes of the side edges, and the movement apparatus is located substantially outside of the zone of the slot.

1459826715-dd02b287-4fce-4cbb-88b6-5b534e08075b

System and method for rendering a sequence of images corresponding to a sequence of camera poses of a target area to generate an animation representative of a progression of camera poses are provided. Said frequency demultiplication circuit receives, on the input side, pulse signals of a relatively high frequency and has two counter arrays and a phase comparator circuit that is connected to the outputs of said counter arrays. The upper end closure panels are hingedly connected respectively to the securing panels by respective connecting panels. A portion of the CMP layer and the protective layer is removed to expose a portion of the gate electrodes with remaining portions of the CMP layer and the protective layer remaining over the sourcedrain regions. The control system compares the feedback power to the reference power, defines a frequency offset based on the comparison, generates a speed command using the frequency offset, and outputs the speed command to the inverter to maintain a smooth DC link voltage during deceleration. By providing a slower delay path, the data being latched at the downstream latch will not change as quickly after a latching signal is received, and therefore the possibility of a hold-time violation is reduced.

1459826716-755397e3-09b4-49d9-bd0c-e8c6b891096c

A food storage monitoring system device comprising a battery powered digital timer device having an LCD digital readout describing the elapsed days and hours per day, and a reset button to reset the timer. A password gate may determine whether a select group of users are allowed to access a particular entity and/or content in order to rate and/or provide commentary with respect to that particular entity/content. The upper barrier layer and dielectric is selectively removed from those openings which will have ordinary vias and conductors, the other opening remains as capacitor. The devices on the shared bus may be configured to monitor the bus for events, and respond to each event according to the requirements inherent within a transmitted command, thereby performing the necessary tasks to enable power management functions without the need for interconnecting analog signal lines. The invention further relates to electronic devices in which there is at least one active layer comprising such charge transport compositions. The portal container includes a login application that receives player credentials and logs into various servers using the login credentials.

1459826716-7c75f0b2-a400-4c15-951a-4dbb03d66e9d

A computational scheme for an INS which utilizes micro-electro mechanical systems sensors resolves issues of unnecessarily large computational burden and numerical instability which happen in using conventional methods using high-end inertial sensors. Each gaming device participating in the group event is associated with an individual group event eligibility timer. By doing this, there will be no reduction of the extinction ratio of the polarized light that irradiates the substrate W if there is a change in the polarization direction of the polarized light that is incident on the second plane mirror. An ion-electron emitting screen is installed on the path of ions in the reverse stroke, and positions of collision of the ions

with the ion-electron emitting screen over time and space are detected with the use of micro-channel plate detectors.

1459826716-9bcf57f5-2d5f-492e-83f8-7acaa1664034

A retaining system for securing a closure at an installed position within a bore. The Suzuki couplings are each carried out with a boronic acid or a boronic acid ester. Thus, this system allows the business to process such an order before the customer arrives at the business, preventing idle time by the customer at the business while the order is being processed. A liquid crystal on silicone image device is provided.

1459826717-4d7b83e5-830f-4219-9d08-294aed43b3df

A CCFL power converter circuit is provided using a high-efficiency zero-voltage-switching technique that eliminates switching losses associated with the power MOSFETs. At this time, the steps to are repeated until a difference between the target length and the length of the chain which is measured in the step is less than a predetermined value. Input from a user indicating the target temperature can be received and the estimating and displaying can be carried out in real time. The at least one applicator may comprise at least one flexible blade defining an application face.

1459826717-7038c7ef-b5c6-46b5-95cc-2331cd676382

This document generally describes docking stations for portable computing devices with one or more of a variety of features, such as a near horizontal tray into which a portable computing device can be placed, embedded microphones and/or speakers, and/or input jacks for external microphones and/or speakers. In the image forming apparatus, when a number of rotations per a unit time of the image bearing member is assumed to be  $\frac{1}{2\pi} \frac{2\pi}{R} \frac{2\pi}{R}$  and a number of times of reciprocation per unit time of the toner charging brush is assumed to be  $\frac{1}{2\pi} \frac{2\pi}{R} \frac{2\pi}{R}$ , assuming that  $R=ba$ ,  $R$  is set to be in a range of  $125 \frac{1}{2\pi} \frac{2\pi}{R} \frac{2\pi}{R}$ . The input may include code a circuit design, a technical document, and text in a natural language. The method further includes calculating a duration for each transit route in the transit routes. The container opening is at least partially filled with an insulative material.

1459826717-c236e4dc-e3b2-48a1-9464-3d7248810211

A favorable magnetic transfer is performed to a perpendicular magnetic recording medium. The print object acceptance portion accepts an input operation of the print object including a print identifier. A first locking member is provided at the proximal end of the first bangle member and a second locking member is provided at the proximal end of the second bangle member. The piston rod is held in the crosshead using a flat to prevent rotation while an adjuster nut that is turned creates axial movement in the piston rod with a lock nut securing the final piston position. The first end is configured to receive and grip a ferrule of an internal optical fiber and the second end is configured to receive and grip a ferrule of an external optical fiber.

1459826717-e0de87d3-7f49-448b-9b27-a8daa42ba30e

A small-sized piezoelectric power generation device is provided which can generate electric power even with vibrations at low frequencies. The magnetizable particles are prepared by controlled water atomization and comprise iron having a passivating oxide surface layer. The data recording area includes a non-magnetic area scattered with magnetic regions, and the servo-pattern area includes uniformly magnetized magnetic regions larger than the magnetic regions in the recording area. To facilitate use as a retrofit component, the ECP cover may have an elliptical section that is contiguous to a circular section that conforms to the geometry of existing probe wells and probe sub-assemblies. Present invention is characterized in that the outer conductor is made of an elongated tubular compartment having an elongated opening along one side of the compartment, and that the inner conductor

is suspended within the tubular compartment by means of dielectric support means. The created topology cache is then stored at each directory server, and forwarded to a client upon submitting a query to the system.

1459826718-4cef8381-56c7-493c-9a67-16dc272fa3b9

A bed dressing and set includes several articles of bed linens or bed clothing. The MPEG encoder receives a past encoding parameters generated at a past encoding process as a history information, and performs a present encoding process by using the past encoding parameters selectively so that the present encoding process is optimized. Thereafter, the sewing machine is operated to sew a number of stitches in the tuck, and the tucking blade is then retracted.

1459826718-b79147b6-7661-4d76-a1be-e75fef54e4be

Media is transported to an imaging region using a vacuum feeder. The carrier has a bottom panel, two side panels, and a back panel. An A-axis control system reads out the corrected pivot angle about the A-axis, the corrected pivot angle about the A-axis to pivot the spindle head when executing oblique machining of the inclined hole. Further, non-correlated portions of the light emanating from the interactive spaces that are linearly proportionate to the intensity of the excitement light available in the interactive spaces are separated from portions of the light emanating from the interactive spaces which are not linearly proportionate. Use of the SPO2 plethysmograph signal to determine the initial inflation pressure reduces both the over-inflation of the blood pressure cuff and the under-inflation of the blood pressure cuff, which increases the rate at which the blood pressure measurement can be made while increasing patient comfort. The first and second housing are respectively constituted at least by first and second motherboard blocking walls, first and second front walls, first and second rear walls, a first upper cover and a second lower cover.

1459826718-e0a1dcc0-43cc-449e-b3fb-c77d0d8304ea

Multiple-pass video encoding systems and techniques are described which utilize statistics taken during a first-pass encoding to create complexity measurements for video data which is to be encoded. A specified evaluation value for the optical data code is obtained from the results of processes carried out prior to the decoding step and stored if the decoding is done successfully. In one embodiment, the microelectronic workpiece further includes a plurality of dies formed on the device side of the substrate, a dielectric layer over the dies, and a plurality of bond-pads on the dielectric layer. At least a portion of the olefin catalyst is regenerated by combusting coke deposited on a surface of the olefin catalyst in an oxygen-containing environment, and at least a portion of the olefin catalyst is heated.

1459826719-01185230-a8d5-4671-a332-a4bd968dcf2d

An electrically connecting terminal structure made of a metal sheet with unified thickness and including a first terminal section and a second terminal section. concurrently and continuously-receives audio telecommunication signals for at least two telephone calls from a digital hybrid telephone line; and2. A second structure is created with creation of an operator on receipt of each new continuous query that uses the new function. Improvement in the alignment of the field of view between sensors is realized by applying an adjustable compressive force on the filters to individually adjust the field of view. The first part detects the amount of light emission of the semiconductor laser, and generates and outputs the bias current so that the amount of light emission produced by the sum of the bias current and the first current is a predetermined value.

1459826719-3d0cadab-54c3-4dd1-9e22-52a7c7516173

An electrometer for use in measuring current is provided. The hierarchically structured menu may have a main menu, a plurality of submenus, and menu items. Consequently, loud speakers from which poor quality voices and good quality voices

are output can be separated from one another, thus improving the total intelligibility of received voices. The present invention also provides containers having a multilayered body-forming portion including: a layer comprising the aforementioned blend; and one or more layers of a formable polymer composition. The second locking mechanism may be engaged upon closing a second door assembly. In a preferred embodiment, the figurative print comprises a primary, a secondary, and a tertiary figurative element.

1459826719-7c76ed6e-127f-4ebc-a69d-82e178ea6830

Thickness uniformity of films sputtered from a target onto a series of substrates is maintained as the target surface shape changes due to the consumption of the target. The transmission medium is capable of carrying a plurality of wavelengths organized into bands. While the movement of a typical twin stage apparatus causes one of the stages to eclipse the other and requires the addition of a significant number of additional interferometers, this invention minimizes the number of interferometers necessary through dimensioning the stages so that one stage never totally eclipses the other. , having a Reid vapor pressure of 7.

1459826719-7e616c60-e5fe-4e3f-8c32-5964a2a497f9

A method and system for enabling user interaction with computer software running in a computer system. By using the voltage on the column line to control the gate of the reset transistor, there is no need to provide a dedicated reset control line. Various monitoring operations might, for example, be performed.

1459826719-9ec80ca6-9522-489f-9290-397a846040ca

A high intensity discharge light source includes an arc tube having a longitudinal axis and a main central discharge chamber formed therein. To the inner side of the door panel is mounted a reinforcement member 100 having a body formed by laminating layers of aromatic polyamide fiber sheets and thermoplastic adhesive and subjecting the same to hot pressing to form an integral member. The moisture removal holes may be a channel through the outer sidewall through which the water droplets that collect in the groove may flow. Another embodiment, among others, includes a mass defect labeled peptide including at least one tryptophan residue labeled with 4,6-dibromo-2-trifluoromethylphenylsulfenyl chloride. The imaging probe can also display the count of the detected radioactivity.

1459826720-3d9af823-abc9-4d8b-8bd3-cfc8c732eb65

Disclosed are arrangements which seek to update schemas in a controlled manner so that a device or service can accurately parse documents conforming to a new version of a schema without the need for translation services or extra information within the document to provide guides for translation. A plurality of flexible model values is determined on the basis of measurements made by varying the parameter  $qE$  and maintaining the angle of incidence at a constant value, and the correction consists in an extrapolation operation providing a value of the aerodynamic coefficient corresponding to  $qE=0$ . Reaction parameters associated with individual reactor vessels are changed in response to the value measured during the reaction. The node data are related to the execution of a node within the workflow process. The pattern in the silicon oxide layer is transferred to the SiCOH-containing layer using a dry plasma etching process formed from a process composition comprising NF<sub>3</sub>.

1459826720-4d674da5-5f3d-4be3-a306-6cdb62ee761c

Methods, computer program products, and systems are described that include accepting at least one indication of a bioactive agent use by an individual and/or assigning an artificial sensory experience to monitor at least one desired effect of the bioactive agent on the individual. One embodiment according to the present invention is a p-n junction carbon nanotube nanowire TPV cell, which is formed by p-n junction wires. In this regard, the toy members may move relative to each other as the pet gnaws on the toy, swipes at the toy with his paws, or lifts the toy in a

manner to cause gravitational movement. In some embodiments, augmentation can be performed by imbricating an implantable device comprising a biodegradable matrix and microparticles at the capsule. The cache is still further adapted to provide a response, including from the responses stored on the storage device based upon the request, to appear as through the server provided the response.

1459826720-f0aac6c7-d9c8-40bc-999f-9933ce8a3e26

Disclosed is a method of communicating emergency call information originating from wireless phones among multiple entities using a set of network signaling operations for pooling and reconciling records of emergency calls and identifications for sources of fraudulent calls. Because the block patterns can have widely varying probability distributions, the codec adaptively chooses a prediction mode for modifying the block patterns to enhance their compression using entropy coding techniques. The middle of the U-like pattern is implemented with four metal ring electrodes and one electrode is circuit-shortened to the B-side electrode plate for increasing antenna sensibility and reducing antenna size. The indium tin oxide layer further ensures proper cooling behavior of the recording layer of the further recording stack in order to obtain sufficient recording performance in the farther recording stack.

1459826721-1d31d858-6074-4d4f-b1e7-cb053d4b2444

A locate device for a locate operation to detect a presence or an absence of one or more underground facilities is configured to access and display facilities map information, and/or other image information, as a visual aid to facilitate the locate operation. The hydrocarbon fuel is injected into the fuel reformer as spray having a pulsating pressure. The arm is coupled to the gear train, and the override control is coupled to the arm.

1459826721-62ab9e4c-cd76-4952-b34e-14d04af6abac

A Dielectric Barrier Discharge Plasma Generation Cell includes a plurality of hot electrodes interspersed with a plurality of ground electrodes whereby a power supply connected between the hot and ground electrodes creates a non-thermal plasma between the electrodes. A presence of a computing device coupled to one of a plurality of power sourcing network ports off a network device is determined. The tea making mechanism comprises a tea making room and a tea outlet pipe. Furthermore, the refrigeration system and the supplemental heating system are operable to maintain each of the plurality of components within the predetermined temperature range. Further provided by the present invention are low shrinkage die attach pastes and methods of use therefor.

1459826721-fbf18907-b706-43ee-8b3d-e5407f41c4ec

A method and apparatus for a flotatable aerator system that includes a concaved surface at the top of a fluid uptake chamber for diverting aerated fluid behind a chassis of the system. A problem has been that when the error torque becomes less than a forward static friction, there remains a positive magnetic pole deviation and when the error torque becomes less than a backward static friction, there remains a negative magnetic pole deviation. First, an encoder regulates quantization using quality, minimum bit count, and maximum bit count parameters. The pre-conditioned polishing pad facilitates uniform polishing rates of production semiconductor wafers subsequently polished on the apparatus. The valuations are aggregated to form an index representing a toxic mapping for the workload within the environment.

1459826722-4cf28e8d-0b85-4d04-97a6-b28979244031

Systems, methods, articles of manufacture and apparatus are disclosed to align actions of audio source monitors. More specifically, the invention relates to a method of preparing metallic nanoparticles consisting in: selecting a precursor from the salts, hydroxides and oxides of metallic elements that can be reduced at temperatures below the clay silicate network destruction temperature; and

depositing said precursor on a support selected from pseudolaminar phyllosilicate clays. The tray has a plurality of side panels that extend at least partially around, and at least partially define, a cavity of the container.

1459826722-5b40c96d-84ca-485d-b62c-c2de731877f8

A method of forming patterns includes forming a layer composed of a ketene based random copolymer on a substrate, forming a block copolymer on the ketene based random copolymer layer and patterning the ketene based random copolymer layer by removing a part of the block copolymer and a portion of the ketene based random copolymer layer. A blade is rotatably held by the blade holder. The method also comprises the step of examining the associative memory to determine if the data should be stored. When all the relays are closed, the motor will start. The dust collecting member is connected with the mounting seat and includes a receiving space.

1459826722-5e1322d5-dc44-420c-8f48-1c7bba796852

Disclosed is a multilayer insulator, a metal-insulator-metal capacitor with the same, and a fabricating method thereof. The mounting assembly includes a first mount having first and second prongs disposed about an intermediate space, a second mount configured to extend bi-directionally into the intermediate space between the first and second prongs in opposite first and second directions, and a snap-fit fastener. The UMC allows the DTV receiver to use a unified memory. The constellation was iteratively generated using a mirroring technique.

1459826722-62c8d13e-bfd3-49ba-8e20-91dbf422a75f

A wind turbine with a sensor that measures the out-of-plane deflection of the blades and a controller that uses the signal from the sensor to determine the risk of a tower strike. According to said method, the surface of an aluminium support is anodized, especially by anodic oxidation, and/or electrochemically pickled in an acid solution with an alternating voltage, treated in hot water or water vapor at a temperature of 50 to 100 C. The fibers can be made in the microdenier range with average weights as low as one denier or less. For example, the switches carry small magnets which, by manipulation of operating switch levers or knobs, move into and out of close proximity to magnet sensitive switching devices mounted on the front PWA. A digital sum value of the NRZI data varies in accordance with the selection of conversion tables. Therefore, when the actuating rod is moved by an accidental force, the actuating rod self-moves back to its original position once the accidental force is removed.

1459826722-974d0589-0c1e-40b2-9283-50faf7e63ed7

A driving apparatus which comprises a stator and two movable elements. The invention provides compounds and methods for inhibiting histone deacetylase enzymatic activity. These methods flatten the image and remove all but the low spatial non-uniformities from the DMD mirrors.

1459826722-9a18da33-9b1f-4c86-9d1d-8cf92a46003f

An encoder is disclosed that is partitioned into discrete hardware modules. The method and system can use two physical channels to form two logical channels. The method also includes the steps of condensing the vapor in a reflux condenser, heating the condensate in a reboiler, removing the purified chlorine gas from the distillation system, and removing the distillate from the distillation system.

1459826723-679ab2dc-2476-4ef6-8801-fd6d108a8ee8

A number of configuration elements are associated with a number of devices. The second plate includes a grid that defines a plurality of apertures each having a first dimension extending in a first direction and a second dimension orthogonal to the first dimension, the first and second dimensions lying in the second plane and the second dimension being larger than the first dimension. The LED also has a current blocking layer below the p-side electrode for locally blocking electric



current flowing from the p-side electrode to the n-side electrode.

1459826724-ab481108-56fb-463f-8556-895106358cc7

The present invention provides a transfer control protocol handoff notification mechanism for a wireless network by which hosts connected through the wireless network via a transfer control protocol connection can be notified in the event a handoff occurs. 11af physical layer in television white space spectrum. A mounting assembly may be operatively connected to the inner and outer air foil elements for aligning the opening within 5 inches of the rearmost portion of rear-facing portion and mounting the air foil elements to the rear-facing portion of the vehicle. The code converter is configured to receive mode setting codes generated based on the decoded plurality of command signals and convert the mode setting codes to serial mode setting codes. Second channel quality information may be generated and transmitted to the BS, where the second channel quality information is modified by an offset configured to modify a second MCS allocation. In order to avert difficulties attendant on injection-molding ultra-miniature parts, the thickness and length of a reinforcing ring on the tip of the impeller are set to within predetermined ranges.

1459826725-26f9d294-697e-45ed-91de-2a3ec8fca0e0

A forced flow of cooling air through a computer housing is created during operation of a specially designed data storage disc drive structure operatively disposed in the housing. Medical imaging systems especially comprise a medical imaging device 1, a signal processing and image display station 2, a data entry device 4 allowing the selection of the print support format, and a printer 3 allowing the images to be printed. This is accomplished by a catching mechanism that contacts the target vehicle. In another aspect, a higher pass voltage is applied to unselected word lines during the reprogramming.

1459826725-8f96f28e-b091-4c4a-9565-aeb69327a9cd

The present invention encompasses compositions for deriving, maintaining, and growing pluripotent and germ-line competent mammalian embryonic stem cells, and for deriving, maintaining, and growing adult human stem cells and/or adult early progenitor cells. The relative angular position is set by an hydraulic piston and cylinder assembly which has a chamber in the shin component containing a piston arranged to execute a translational movement in the chamber when adjustment is required. The service is provided with an API to allow an application server to create the connection pools, connection groups and connections.

1459826725-f52aa191-778d-459f-8e83-366d06b46fef

Equipment of manufacturing a wearing article includes a plurality of units movably arranged on a unit basis for transferring a half-completed product of the wearing article. The invention further relates to electrically conductive pigments prepared by the process of the invention, to the use of these pigments for pigmenting lacquers, printing inks, plastics systems or coatings, and to lacquers, printing inks, plastics systems or coatings pigmented with an electrically conductive pigment prepared by the process of the invention. A bulkhead is coupled to a first module that includes a first conduit aperture for receiving an electrical connector assembly. A first private address is initially associated with the first processing node, and the first processing node uses this private address to communicate with the private network. It can also be used outside the context of semi-join reductions. In another form, the central reamer includes a single cutting element coupled to an angled reamer handle and a reamer guide.

1459826726-19cc2a20-209b-4b8a-ba0a-73775ad7744a

A system including a DRAM memory device on an integrated circuit using a control logic device to initiate a body refresh operation to provide a means for maintaining a low voltage at a floating body and discourage data loss, and a design structure including the DRAM memory device embodied in a machine readable medium is

provided. The cation and the anion containing liquids are spaced from, and preferably out of contact with one another on the surface of the reflective coating as an electric current is moved through the anion containing liquid, the conductive surface between the liquids and the cation containing liquid to coat the conductive surface with the electrically conductive coating. The curb opening filter has a system for vertically attaching a filter apparatus over the curbside opening. A plurality of trailer attachment plates are connected to the respective top ends of the vertically oriented support bars to attach the cage structure to the bottom of the trailer. The first wakeup request signal and the second wakeup request signal are one of concurrent and consecutive wakeup request signals. The sensing amplifier overdriving circuit may be used in a semiconductor device.

1459826727-4e2c4814-2344-4617-9b43-1e625f99ad18

A fastener apparatus includes a frusto-hemispherical head portion having a flat top surface, a curved outer surface, a base portion, and a peripheral edge, with the flat top surface bearing a tool fitting. A diaphragm is biased into sealing engagement with the valve seat to provide a fluid seal between the ink inlet and the ink outlet. To enable the fabrication of a thermally stable ultralow dielectric constant film, specific precursor materials are used, such as, silane derivatives, for instance, diethoxymethylsilane and organic molecules, for instance, bicycloheptadiene and cyclopentene oxide. This shape is also determined by the deformation of the plates and the insertion by the external forces applied to the plates, for example by the fasteners connecting the plates. In addition, the estimated baro offset at the runway is compared for consistency with the baro offset obtained by the pilot from the airport by radio. Each of the second storage systems writes to a logical volume in sequential number order write data, of the write data received from the first storage system, that includes a sequential number of a value smaller than the sequential number of the marker including the marker number reported from one of the second storage systems.

1459826727-5c3a9e88-e6d5-4752-8c36-06c62feee9c1

A device for measuring the tightness of a transmission belt comprises a hilt, an insertion tube, a frame, a retaining piece and an engaging piece. The customer station receives back from the telephone switch indications of modifications in status of the switch occurring in response to the control messages. A non-viscous resistance material is provided in contact with the resistance element within the speed reducer chamber. The molded products produced from the molding material mixture for the foundry industry are characterized by a high strength and a lower generation of fumes and smoke during pouring. Of the hold capacitors, capacitance values of first hold capacitors arranged for data lines at the ends of each of the data line groups having the N data lines and capacitance values of second hold capacitors arranged for corresponding data lines other than the data lines at the ends of each of the data line groups having N data lines are different from each other. The first and second ferromagnetic contacts have anti-parallel magnetic orientations relative to each other.

1459826727-dd511dda-8bf1-4e3a-8e5a-5094247553b5

An object of the present invention is to provide air cooling equipment for a heat treatment process for a martensitic stainless steel pipe, which is capable of shortening the time required for the heat treatment process by enhancing the cooling efficiency at the time when the inner surface of steel pipe is air cooled in the heat treatment process. These thin, highly porous structures with large catalytically active surface areas, should exhibit a significantly higher power output per mg of Pt and per cm<sup>2</sup> of the membrane than the current Polymer Electrolyte Fuel Cells catalytic layers. The connection pin parts connecting between the lever plates and drive ring of the variable throat mechanism are formed integral with either the lever plates or the drive ring by extrusion or by precision casting. The ink drops jetted by activating both the main and the peripheral actuators and the ink drops generated by activating only the main

actuator have the same drop weight and drop velocity. A second print driver, interconnected to the second network, generates second drive instructions corresponding to the written second image data.

1459826727-f397c844-6e03-46ec-be45-add4b2bfb06e

The present invention provides an open application program interface service. Rotational direction of the motor shaft is controlled by an electronic circuit responsive to a tilt sensor. The weight value calculation unit calculates a weight value based on a degree of similarity between an image adjacent to the target position and an image adjacent to the normal-phase candidate pixel. This configuration makes it possible to illuminate the respective liquid crystal light valves by illumination areas of exactly the same size, which in turn enables a high-quality image having no display shadow to be projected. And the anisotropic conductive film is extended from a formation area of the external connection terminals to an outside area along the flexible wiring board. The trench is then filled with a trench isolation layer.

1459826728-db9a6ef1-c4c2-449f-a14a-aba018007bf5

A slider head assembly is provided which includes a slider head for reading/writing data on the surface of a rotating disc. Each of the columns have opposite ends that extend beyond respective ones of the outer surfaces of the substrate. The annular second lighting apparatus is disposed around the housing and includes a plurality of light-emitting elements disposed annularly so as to be radially spaced apart from an outer periphery of the first lighting apparatus. In the non-rotating configuration the driven gear is prevented from rotating, and a corresponding portion of the animated children's toy is not moving. The method further includes automatically providing the relevant data to the user.

1459826729-2d8ce3e6-afa2-4438-a60a-fbc73433ccbb

The present invention relates to the Passive Optical Network technology, and a method for sending an upstream transfer frame in a PON is provided, so as to improve flexibility of a system and satisfy a requirement that an error probability is reduced as low as possible. The system includes a receiver front-end configured to receive an observed digital signal in the digital transmission system. Each signal is sampled and decomposed to produce frequency coefficients stacked in a set of linear systems modeling a reflectivity of the scene. A controller governs the orientation of each of the plurality of detector plates based at least on the detector signal generated by its detector elements such that each detector element of each detector module of each detector plate may be aligned to within a specified fraction of the transverse dimension of the fan beam as measured at the exit slot. The channels have a different channel cross section in at least two of the radial zones.

1459826729-300ac620-0905-4571-a4a6-228ef79cf0af

The present invention employs a dental component that includes at least one first indexing element and at least one second indexing element having an apical end located apically of the apical end of said first indexing element, wherein the second indexing element is designed to present a play with mating features of a dental fixture. In one embodiment the invention includes a pair of guides, such as ribs or slots, incorporated into the bridge of the key ring grip. Furthermore, a penetration is made on the holding rod and the moving part concentrically, and intersects through the concavity for installation of the turning rod.

1459826729-9961dfae-9077-4cf9-a224-8233c06356e7

A first image processing system, a second image processing system, a first storage system and a second storage system communicate over a high bandwidth switch. An inspection table downstream of the rolling line has a surface aligned with the downstream end and the strip emerging therefrom. And, when the optical disk has been mounted, the recording and reading means decides whether a first situation or

a second situation holds, using the ID and the number of times information of the optical disk as a key. In the event the electrodes have mushroomed, then dressing of the electrodes is provided and then the abrasive cleaning is performed to restore the surface texture. The compensator can further comprise a first medicament positioned within each first packet and a second medicament positioned within each second packet, wherein the first medicament is different than the second medicament. The apparatus includes a porous substrate, a mirror image of a first image pattern printed with a first phase-change ink having a first phase change temperature on a first side of the porous substrate, and an adhesive layer applied to the first side of the porous substrate to enable the porous substrate to be affixed to an object.

1459826730-16f0328a-386d-461b-88fb-e7db44935ca8

An improved structure for the sound coil of loudspeaker comprises a cylinder provided with multiple layers of coils surrounding one end thereon. A temperature measurement start instruction is provided to the controller of the wireless wafer at a position in a wireless wafer carrier, and thereby the wireless wafer starts temperature detection to store time-series data of the detected temperature value in the storing portion. The circuit has particular application to asynchronous multiple processor networks. In a layout view, a first area for placement of the first and second diodes is interposed between at least two separate sets of second areas for placement of the MOS transistor.

1459826730-64182288-37b0-41be-885f-a470c2094978

An attenuated phase-shifting photomask provides adjustment of attenuation from mask to mask. The semiconductor apparatus includes: a clock signal transmission unit that selectively transmits a clock signal in accordance with the frequency of the clock signal at an operation standby mode. The test pattern is then read, and the amplitude of the signal produced by the test pattern is stored.

1459826730-706688c9-d71d-40d7-b090-ec2c1808ff97

A valve for a tire with a simple structure and a low cost is easily made for monitoring the pressure of the tire through an indicator. The present invention also relates to a pn heterojunction utilizing the photosensitive organic semiconductor compositions. In one embodiment, a caller navigates to a desired web page on the internet and the caller dials a telephone number on that web page directly to initiate a two-way audio communication with the destination telephone number using an internet telephone service. This permits the image processor to prevent the quality degradation of the spatially filtered image. The method insures that the newly formed risk model is consistent with the component models from which it is formed.

1459826730-a3645c76-9b2e-4000-9c62-e4d2f776fbb1

A telecommunications system for communicating internet packets between a correspondent node and a mobile node. The system includes delivery apparatus remotely located from the care provider, wherein the apparatus stores a plurality of sealed unit dose packages that are delivered to a patient at a scheduled dosing time. Then, the resist and the BARC layer is stripped, and the hard mask pattern is effectively transferred to the CNTs by etching away the portions of the hard mask which have been already partially etched away. Additionally, a target production for the well is entered. In use, the pump preferably includes a fluid having one or more drugs disposed in at least one of the reservoirs, and a radiopaque fluid disposed in one of the reservoirs.

1459826731-16bddade-8719-420d-9286-5153414b67bf

Various embodiments of the present disclosure provide a gaming system and method providing a plurality of different player-selectable wager alternatives if a credit balance of a player is less than a designated wager amount and greater than or equal to a lowest eligible credit balance. The parts made of metal such as the

spring is isolated from the liquid to ensure that the liquid is not affected by the metal. Adjacent units are interconnected to one another at their terminal vertices by a square tubular member. An integrated circuit may include power electronics to convert DC input power to AC output power and processing circuitry to control the power electronics. A clip is provided that secures the relative position of the two boards when the two sets of posts are engaged. The solvent in the solution is removed to selectively form a patterned conductive, semiconductor or insulating layer on the patterned first SAM.

1459826731-1eff3424-addd-411a-b55c-427a42d8753f

A self-deploying catheter assembly comprises an anchoring device mounted to a tube. Fixed rails are formed on the surface of each terminal block at opposite sides of the nut accommodating hole and extend in a projecting direction of the terminal block. The degree of fairness is controllable, in order to appropriately balance the desired throughput and data transfer resource allocation for a particular application. An adhesive compound can be used to stabilize the juncture of the two walls. In another embodiment particles carrying desired agricultural inputs with modified release characteristics are delivered.

1459826731-62ff5385-53ea-497b-8e5d-766012cc762f

What is disclosed is a novel system and method for minimizing visual artifacts, such as ROS skew and laserbeam bow, in a brick-layer halftone structure. The cells of the first type are cascaded with each other. A second carrier carries a second set of magnets arranged radially and spaced apart axially from the first set of magnets. The at least two lamps are disposed in the receiving space and spaced apart from each other by a second distance. A control system is coupled to the actuator to control the actuator based on a gait activity.

1459826732-996eebde-4274-4265-80f3-8330b0418349

A system and method for remediation of contaminated soil are provided. The handheld remote keyless entry transmitter comprises an integrated electronic compass element and logic adapted to store a first compass direction when activated and directed towards a destination. The display presented on the computer monitor will mimic the model railroad layout depicting each track turnout with a red or green path. In some embodiments, a plasticizer, an amide wax and optionally a rosin are added to a cellulose-ester-based coating to increase moisture resistance. The optical receiver may include a second DSP to receive components associated with the 5QAM signal, filter the components, reduce phase noise of the 5QAM signal, and provide data associated with the 5QAM signal.

1459826732-c3ca2fed-99ea-4036-8368-41c8d5749d71

Disclosed herein are systems and methods involving the use of magnetic resonance imaging and optogenetic neural stimulation. Operational data received from deployed femto cell access points are aggregated and monitored. A perianal support device includes a perianal support member having a pressure surface configured for engagement with tissue adjacent an anal orifice and a pressure detecting system associated with the perianal support member to detect pressure indicative of pressure on the perianal tissue of a patient. Unlike the threshold gates, the present automaton is capable of outputting an n-bit digital value analogous to a cell membrane potential. The formulation comprises: hydroxylamine; corrosion inhibitor containing a mixture of alkyl dihydroxybenzene and hydroxyquinoline; an alkanolamine, a water-soluble solvent or the combination of the two; and at least 50% by weight of water.

1459826732-c6bcb930-8a2f-4a24-a04c-8bf972a4138e

A system and method for printing an image on a medium whose dimensions are determined based on the size of the image are disclosed herein. In one embodiment, the bolt and slider are articulated so that the displacement of the bolt results in a force component accompanying the slider as it moves along a slider path that

traverses a line formed by a linear firing axis of the barrel of the firearm. The primary circuit returns the energy obtained from the secondary circuit to the direct-current power supply. The meter update method enables both time of use and other configuration parameters to be updated.

1459826733-386e636f-6d9a-45cb-8207-ec8f21e56a55

A computing device having a display portion for displaying information and a user input portion for receiving an input from a user. This separating apparatus includes a position adjusting mechanism for adjusting the position of a nozzle which ejects a fluid. Each lamp assembly includes a transmissive tube housing a lamp. The electrode 10 is one in which electrode mixture layers 700 each including an active material 701, conductive additive and a binder as components are coated on both surfaces of a collector 710. A second light emitted by a light wavelength converter that is excited by a first light generated by the labeled binding member of the binding complexes of the second composition is then detected to detect the presence of the analyte in the sample. Processed force sensor signals may indicate the presence of button activity such as press and release events.

1459826733-3bfcffc3-19a1-4ef9-848a-cc77baa98af7

a method whereby a linearization training sequence is designed to be transmitted by means of a radiofrequency transmitter incorporated in a mobile terminal or a base station of a radiocommunication system comprising a fixed network. A rotatable shaft extends through the chamber inner space, and is operable for being rotated by a motor. First, a transmitting source is selected as a reference layer, wherein the associated symbol represents a reference transmit symbol. At least one encoder module is configured for insertion into a second one of the receptacles and is connectable to a multi-wire path for sending encoded signals and a second power signal along the multi-wire path for selectively energizing one of a plurality of solenoid actuated valves connected to corresponding decoder circuits connected along the multi-wire path. The toothbrush head can flexibly conform to a convex profile to suit the labial surface of the teeth or to avoid damage to the gums.

1459826734-810411ed-b27f-4418-9064-3780c5c6959a

Disclosed herein is an organic light-emitting diode lighting apparatus. The hood including a damper that is openable and closeable as a function of outside temperature. The pressure-side tip wall includes a continuously concave curved arcuate portion, at least a section of which extends circumferentially outward from a radial axis of the airfoil. If the pull-up network and the pull-down network are both conducting, the current compensation device adjusts currents flowing through the pull-up network and through the pull-down network such that the currents are substantially equal. Module initialization is then performed.

1459826734-94d31336-980f-4cdd-bd18-28eef17e2b5c

A mechanism for determining an optimal compression technique for each data file when creating a computer archive file from a set of data files. In one illustrative embodiment, the method comprises forming a layer comprised of a refractory metal, determining a thickness of the layer of refractory metal, and converting a portion of the layer of refractory metal to a metal silicide. The texture material base and the pigment material are combined and deposited on the target surface to form a durable, irregular, colored surface. The method also includes associating, by the administrator, a plurality of tools used to complete the task with the task, where the plurality of tools include at least one of templates used to manage the task, experts on the task, and frequently asked questions regarding the task.

1459826734-b771beff-2f7d-460b-9884-f5af915e5fda

A system and method of automatically replacing the geographic location of geo-fences stored in memory of a telematics system is described. First phantom sinogram data is acquired from a scan of a solid cylinder phantom within a PET scanner imaging FOV; second phantom sinogram data is acquired from a scan of a second solid

plane or scanning line phantom within the PET scanner imaging FOV; and a PET scanner detector component scanner efficiency normalization is determined from at least one of the first and second sinogram data. The converter includes two input terminals, is arranged at the input of the element and delivers the polyphase alternating current to element. The energy transfer from the outwardly deploying cantilevered pipe directs impact loads away from the pelvic region of the occupant toward the femur region. A further embodiment of the invention provides a non-volatile microchip memory component to store information about the vehicle operator usable by medical personnel at the scene of a crash.

1459826735-3e8e2530-6d25-44a4-aca9-45d50590e4a1

A panel or door suspension system used to hang sliding panels or doors. A second control unit includes a second operation data generation section for generating second operation data in accordance with a direction input operation performed by a player or a motion of a second control unit body included in the second control unit. The side-under spoiler 1 includes a side-under spoiler body 7 supported at the lower part of the bracket 3 by supporting sections 5 of the bracket 3 elongated in the front-to-rear direction of the vehicle body 2; attaching sections 6 for engaging the side-under spoiler body 7 with the supporting sections 7; and guides 7 for the attaching section 6 to the supporting sections 5. For example, the first metric may then be considered a thread-relative metric as it has been observed during a time period in which no thread switch events or interrupt events would have caused the first metric to become inaccurate during the execution of a particular thread. Ideally, the tool is further configured to support on the at least one base source operations of create object and delete object on the at least one view.

1459826735-4ff17c0d-dcfc-4fe0-9b75-aeaeee301b66e

A system and method for authenticating a subscriber of a first network to access application services through a second network, wherein the second network is a packet data network. The first substrate has a top surface and a bottom surface. A disc is rotatably mounted in the circular aperture. The first data storage facility is conditioned to assume the role of the secondary facility, which includes sending a copy of data committed at the second data storage facility to the first data storage facility. Also provided are methods of treatment with antagonists of IL-17, IL-19, and/or IL-23.

1459826735-558d622e-e8da-496d-a78f-f17c2fe8163e

An automotive seat assembly 10 is provided, including a primary seat structure 12 having a seatbase portion 14 and a seatback portion 16. A set of annular permanent magnets is included in each magnet arrangement, including a set with trapezoidal cross-sections to provide a more uniform field and to allow greater access to a patient placed within the magnetic field. In order to increase the lifespan of the seal, said seal can be surrounded by an adapter part made from undulating curved sheet metal, which can be inserted flush into the housing wall opening.

1459826735-e9ef28ba-3ab9-4f74-abab-6d90a53a32fe

A power supply, an over voltage protection apparatus, and an OVP method are provided. A rotor is assembled from a plurality of identical fin panels and rotatably mounted on a supporting pole within the selected area. The prefetch scheduler takes advantage of the latency associated with the martyr load to schedule prefetches for memory operations which follow the martyr load.

1459826736-6a19cc26-122d-496f-b6c4-ba72ca9f7960

The electrically variable transmission family provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery, three electric machines serving interchangeably as motors or generators and at least one brake operable to enable series hybrid reverse operation. This image registration device contains, in operation, a

rotating image carrying element and a rotating image receiving element in rolling contact with each other and each having a flange co-axially mounted on their respective shafts. The used die holder and a next die holder positioned collinearly with each other are moved simultaneously and longitudinally, while slidingly contacting both of these die holders with the press member, so as to eject the used die holder from the press member and to deliver the next die holder onto the press member. One or more resonant frequencies of the transmission line sensor are determined, and the determined one or more resonant frequencies are then correlated to the structural health of the structure. Lights are mounted on the support. Therefore, the present invention is very useful and effective.

1459826736-854d64a8-1704-413c-896a-8b0bcd947235

An undergarment is provided that does not show through an outer garment. The switching network includes a first gateway for receiving a communication from a caller, a second gateway for establishing an external connection through which the communication can be routed, and a command center that allows the first and second gateways to make an internal connection. For example, an electrode may be configured with the Tesla coil to form the electric field of the electrical target. When a data write operation is requested, a determination may be made as to whether physical space has been allocated for the territory in the volume that is to be written. The platform is moved to multiple positions in order to calibrate the first, second and third sensors. Each path is described by guest paging structure descriptors and by tie descriptors.

1459826736-ae1fb19c-9cae-467e-8090-e9d42c887f9d

Measurements made by a multicomponent logging tool in a borehole are inverted to obtain horizontal and vertical resistivities of a formation traversed by the borehole. Used is a formulation of non-aqueous, monocyclic saturated terpene mixed with a non-ionic surfactant package. Human reovirus, non-human mammalian reovirus, and/or avian reovirus can be used. , a programmed microprocessor, receives inputs from the absorption system, the heat sources, and loads and a lookup table and provides outputs to select and control the heat sources and maximize their efficiency.

1459826736-ee4ae6a2-26bd-42cc-b7c7-0636a74fb300

A Littrow-type external-cavity diode laser optical axis displacement correction method and device to easily, inexpensively, and accurately correct displacement of optical axis in Littrow-type ECDLs is provided. A device for deploying such a clip is also described. At a given flow, a higher viscosity fluid will create a greater relative movement and make it possible for flowing fluid to bypass more of the flow through member.

1459826737-11e2032d-029e-4026-b8ad-de658bbbd4b2

Disclosed herein is a composition and method for semiconductor processing. In a non-selection period, a transistor is turned on at regular intervals, so that a power supply potential is supplied to an output terminal of a shift register circuit. The computer is also programmed to compute a value based on the just-determined constants, the formula and a known threshold intensity for a given position along the feature's length. Also configured is a cleaning implement provided with said cleaning sheet.

1459826737-1cf5c6a9-d6c8-4043-baa6-8c08119f6409

Various implementations described herein are directed to displaying laylines. When a new sound generation request is supplied to a certain port in which all sound generation channels of the port are currently generating sounds, and when the sound generation channels to be used for the sound generation are in short, the CPU supplies the sound generation request to a channel not producing a sound currently in other port to which the application of the same priority is set. A micro-processor is coupled to the skin element and a feedback loop for controlling



activation of the skin-element corresponding to surface pressures detected on the skin element. With this arrangement, it is possible to prevent the orientation of liquid crystal molecules from being disturbed due to the influence of electric fields generated by the gate electrode, the drain electrode, or their respective associated lines.

1459826737-56961e94-a043-4381-aba1-db7cbb718e8c

A radial latching mechanism for engaging a safety switch is described. The device includes a sensor unit that comprises at least two sensors configured to sense a motion of a user, and a control unit that determines whether or not at least two sensing values sensed by the sensors satisfy a security channel interface activation condition, and activates or inactivates a security channel interface according to a result of the determination. The expansion tube is connected to the vapor collector.

1459826737-a22cb1ae-8866-4201-8b7b-4f325c21f972

The invention relates to a rope spreading device for rope networks with tensioning ropes that converge at a top point of a support mast at an acute angle. With this structure, variation in the current supplied to each EL element is reduced. The processor is configured to engage the primary braking system when the parking brake is activated and the motor vehicle is traveling at a speed at least equal to a pre-determined speed.

1459826738-01efa358-9776-4218-b362-4a5a98c8572d

Systems and methods are disclosed for detecting framing data in a telecommunications signal. The stationary part of the motor is attached to the machine frame on which a PCB is attached. The table is moved toward the tape adhering unit, whereby the tape adhering surface of the wafer on the table is pressed against the tape adhering unit through the tape with a force. Such assembly minimizes depressurization of the pressurized resin cartridge and extends the shelf-life of the pressurized resin cartridge. Among other uses, this method may be practically employed as a disciplined way of carrying out consulting engagements that call for setting up and maintaining categorization schemes for electronic communications. The compound of the present invention is useful as a therapeutic drug of diseases accompanied by abnormal calcium homeostasis, or osteoporosis, hypoparathyreosis, osteosarcoma, periodontal disease, bone fracture, steoarthrosis, chronic rheumatoid arthritis, Paget's disease, humoral hypercalcemia, autosomal dominant hypocalcemia and the like.

1459826738-0326eeb4-07ea-43af-87e3-e12b264be16b

A power amplifier includes a first transistor, a second transistor and a bias voltage generator. A gate and a gate insulation layer are formed on a substrate. The mail watcher application control section outputs URLs and electronic mail addresses included in the text data of electronic mail supplied from the MAPI mailer to a URL and mail address filter to replace them by registered predetermined names.

1459826738-2bf9cdec-3cd4-41eb-a573-5384fae3e461

Coding techniques for a video image compression system involve improving an image quality of a sequence of two or more bi-directionally predicted intermediate frames, where each of the frames includes multiple pixels. The mounting structure comprises a case, one pair of sliding slots and at least one recess. Such simultaneous inspection processing and transmission may be implemented using two ownership bits for the packet, one to indicate \u201cownership to process\u201d and one to indicate \u201cownership to send,\u201d instead of the single ownership bit that is used in conventional systems. The two slots into which the marbles fall may equate to two dice being rolled in certain traditional craps games. The catheter includes a guidewire configured to carry a balloon and deploy directly in a branch leg without traversing acute bends. A method for producing the same is also

provided.

1459826738-96ff70cf-4213-4ba7-a3ee-90b4a6b43284

A new and distinct cultivar of Lobelia plant named Weslolvav, characterized by its cascading plant habit; freely branching habit with short internodes; dense and bushy plant form; continuously and freely flowering habit; densely pubescent leaves; light lavender-colored flowers; and relatively tolerant to high temperatures. The hybrid matching system includes a pair of transmitter output nodes, a pair of receiver input nodes, and a pair of terminals for interfacing to a transmission line. A first fuel injector is in communication with the second rotary unit operable to initiate the combustion phase and a second fuel injector is in communication with the first rotary unit operable to selectively initiate augmented operation.

1459826738-9dfb5b6c-5594-4c7d-9c31-64eafc621254

A microwave ablation safety pad includes a base layer, an electromagnetic shielding layer and a physical protection layer. With both block-based objects and file-based objects represented as the same type of underlying objects, data protection of both block-based and file-based objects is accomplished using a single set of data protection technologies, which are configured to perform data protection operations on files. In a first state, the second roller is separated from the first roller.

1459826739-284cab89-c4da-49d8-a786-bbdc9d20c4bd

According to some embodiments, a multithreaded microcontroller includes a thread control unit comprising thread control hardware configured to perform a number of multithreading system calls essentially in real time, e. A pixel portion is divided into a plurality of pixel rows by a bank, and a head portion of a thin film deposition apparatus is scanned along a pixel row to thereby simultaneously apply a red light emitting layer application liquid, a green light emitting layer application liquid, and a blue light emitting layer application liquid in stripe shapes. Two independently movable operating elements at the rear of the housing move differently in response to depression of the push button when the push button is turned to different orientations about the axis.

1459826739-2ffcb6b6-e3a6-4fd5-89a8-d78536f4c90b

Apparatus and methods for detecting stray voltage anomalies in electric fields are provided herein. A method includes presenting multiple first search results received from a first search engine. Accordingly, the terminal user can correctly perceive the event occurred during the service.

1459826739-550f51bb-ec63-4cc3-adc0-3d09d5fda9c5

A novel hybrid maize variety designated 38N86 and seed, plants and plant parts thereof, produced by crossing Pioneer Hi-Bred International, Inc. A carrier allocation system assigns sub-carriers according to a utility function based on real-time measurements of arrival data rates and queue length variance. After a workpiece is processed with the initial parameter configuration, the results are measured and a sensitivity matrix based upon the numerical model of the processing chamber is used to select new parameters that correct for any deficiencies measured in the processing of the first workpiece. Indexing devices and methods are also disclosed for successively treating portions of the hollow anatomical structure.

1459826740-0bd80901-811f-4e0b-969c-5d68caf2b725

Disclosed herein is a method and a Radio Resource Management arrangement in a wireless communication system for allocating communication of one or several services to at least one of several available frequency spectrum resources. The sewing machine includes a plurality of needle bars having lower ends to which needles are attached respectively and a needle bar case supporting the needle bars so that the needle bars are movable upward and downward. The user may provide this input via a peripheral device, a touch-screen display, or in another suitable

manner. A means for handling is fixed with the concave inner surface within each shell and is adapted to be grasped by the user. At least some of the indicia may change appearance depending on whether an object to be scanned is within a prescribed distance from an imager. The service provider fetches only this data from its data structure and sends it in the reply message to the message bus.

1459826740-1de6695e-3480-4352-b2bb-4f1ebac50dd9

The present invention provides an additive agent to be added to oil and comprising weak basic hydrotalcite. The power module includes a locking member and a sliding member sandwiched between the base and the cover and abutting the locking member. The system includes an implant, an elongate cannulated insertion tool, and an elongate lockshaft positioned within the insertion tool.

1459826740-41ce006d-1f46-486c-98e5-18c9cd5e20ca

A miniature x-ray tube capable of intra vascular use, has a micro cathode preferably formed by MEMS techniques. A phosphine-phospholane compound represented by the following formula : . A binary 16, 8, 5 code is used to encode the plurality of data bits. Also, solar energy, heating and fire suppression systems are disclosed. The first computing system transfers the message content in the file format to a communication port for transmittal to the recipient contact address.

1459826740-7e328ec9-f128-4dc3-b895-3731d995621a

Methods and systems for providing accurate time-keeping on battery-powered communication devices used in AMI systems, mesh networks, and multi-channel radio networks. The invention relates to an agricultural chemical enhancer comprising at least one type selected from a specific alcohol compound, an ether compound and an ester compound. From the refractive index analysis, information is obtained about the volume of first liquid dispensed. In addition, parents can configure the system to support real time parental screening of individual communications, e. The semiconductor laser oscillates only in the fundamental lateral mode, and light emitted from an exit facet can be optically coupled with an external single mode optical fiber.

1459826740-a8e7e221-8c42-4c23-84de-c5cf60cdb923

A full mouth toothbrush for simultaneously brushing the facial, lingual, occlusal and incisal surfaces of all the maxillary and mandibular teeth is provided. Quantum well structures that satisfy this condition have Kane-like bands at and near  $k=0$  which can provide physical effects useful for various device applications, especially optical modulators. Parameters of interest such as line width, integrated absorption etc. The bin cover is disposed at a bottom side thereof with two or more first connecting members.

1459826741-459e65e7-7bb2-411d-945e-70d3f136f5b1

An apparatus and method for producing a core spun yarn by means of a fluid delivery device is provided. For memory devices, such as SDRAMs, implementing a synchronization device to synchronize one signal, such as an external clock signal with a second signal, such as a data signal, tuning elements may be provided at various points in the signal path of the synchronization device. The electrical lead is positioned within a cavity in the ferrule, and an inclined surface of the ferrule is contacted to an inclined surface of the probe within an area defined by the probe insulator and the lead insulator. By this arrangement, an occupant may propel the wheelchair forwardly by exerting palm pressure against the posterior side and rearwardly by exerting finger pressure against the anterior side.

1459826741-bdee42dc-2b7b-4e1c-afb6-c25a4212da50

A mobile communication device having a first section, a second section, and a hinge mechanism. The air gill bag comprises an elongated bag body which includes an open top, a closed bottom, a plurality of air gill cut strips, and a plurality of strength strips. The plurality of parts are formed of different honeycomb

structures, respectively, so as to provide different heat insulation characteristics. The baffle forces a carrier gas to travel an extended mean path between the inlet and outlet ports.

1459826741-d0ee0620-54aa-4975-9aa7-a3ce64800f78

Control means of a wearable electronic communication device for control purpose and use thereof are claimed. Where the tape cassette is used, a MIC mode switch is written to a predetermined area on the magnetic tape held in the cassette. The first and second means are operable such that the arrangement, below a first predetermined value of a parameter representative of the energy to be transmitted, presents a first resistance-to-displacement value and, above the first predetermined value, presents a second resistance-to-displacement value.

1459826742-39ff2c22-2fd1-4809-a217-3b458ed4af07

A method comprising defining one or more aggregate virtual fields for a first document using meta-data associated with the first document is disclosed. An active control card which receives a request passes the request to the inactive control card for processing if and only if the inactive control card is synchronized with the active control card and the inactive control card is able to process the request. A pressure sensor detects an actual pressure value at a connection of the proportional pressure valve.

1459826742-3e32ee58-e3ea-4f83-a1ef-b465790e7f32

An electrical circuit assembly includes a node and an electrical circuit. More particularly, the invention relates to a family of compounds having both a biaryl moiety and at least one heterocyclic moiety that are useful as such agents. The method includes determining when a predetermined amount of hue shift will occur in the color conversion process for the object from the source color space to the destination color space. The selectively configurable electric motor also includes a power converter, at least a portion of which is coupled to the plurality of electric conductors, including a plurality of switching elements configured to selectively couple one or more of the plurality of electric conductors in a predetermined electrical configuration.

1459826742-4cc917d5-e079-45b2-9bfe-664f15749e6d

A security network containing multiple controller functions that communicate using wireless communications. When at least one alkyl polysulfide is used to completely or partially replace conventional crosslinkers such as S or MBT, mercaptobenzimidazole may be optionally used as a co-crosslinker. A notice to the merchant may be generated. The system may also provide users with the opportunity to select certain businesses from their contact lists and allow these businesses to provide them with personalized data, either on demand or based on user-controlled permissions or areas of interest through various technologies including presence technologies. The Bayesian objective function is optimized using a consensus of global models, and an output is generated with locations of the fiducial points labeled within the object in the image. The invention may be employed advantageously in a variety of scenarios, especially where there exists a need to provide end users with a method of accessing and executing large computationally intensive application software programs at low cost, on an as needed basis, in a secure manner, without the burden of excessive transmission times or large centralized vendor computer facilities.

1459826742-4cfaadaf-feac-4691-9af6-98ca76c4a0f6

A method for fabricating a semiconductor package is performed using a mold tooling fixture having a mold cavity and a pair of flash control cavities on either side of the mold cavity. The first and second electrical conductors have adjacent surfaces configured such that when an electrical potential is applied between the conductors, an electric field is formed between the conductors. While the earth leakage occurs, the sensing circuit turns OFF the relays so as to stop the supply

of the AC voltage.

1459826742-8b988a4a-c845-4540-a84b-69e2db71a00f

A document holding fixture for a vertical optical scanner. The capacitor element has a plurality of laminated insulator layers, a first signal internal electrode and a first ground internal electrode disposed so as to face each other with the insulator layer in between, and a second signal internal electrode and a second ground internal electrode disposed so as to face each other with the insulator layer in between. Energy-transfer nanocomposite materials as well as methods of making and using such materials in various applications including, but not limited to, in vivo radiation dosimetry and imaging, are disclosed. The sink device comprises a power supply, hand-shaking circuitry able to indicate that the sink device is able to supply a current on a line of said HDMI cable, and a circuit able to couple the power supply to the line. Preferably, the convection of the inner region of the melt is made smaller than that of the outer region thereof.

1459826743-37d22c30-79fc-4ce5-8ba3-b8fdce08c738

The present invention is an electronic musical instrument that in appearance and playing characteristics closely resembles flute-like instruments such as a conventional flute or a shakuhachi. The invention also concerns inverse latex or microlatex containing such a polymer. The activation signal may indicate that the oscillator control signal is being varied to provide frequency control or adjustment of the shared oscillator. A draw tube is coupled to the inlet fitting at the lower end. Furthermore, a particle catcher for use in such a water kettle is described. The filter is trained under user supervision.

1459826743-5cfcf70b-c6cb-44f1-964a-ec646c98caf5

Data migration can be preformed between source and target storage subsystems without stopping exchanging data between a host computer and each of the storage subsystems. When attaching the connector to an attaching object, the flange is caused to face one surface of the attaching object in the first direction and the to-be-locked portion is caused to pass through the attaching object in the first direction so as to project from an opposite surface of the attaching object. The method and apparatus also provides for a significant reduction in the actual total dormancy wakeup time and latency by exchanging group call signaling even when mobiles are dormant and no traffic channel is active. As another example, expected changes in a process variable for given changes in a load variable may be determined. The refrigerator further includes electrical parts for maintaining cosmetics accommodated in the storage chamber at appropriate temperature, a control means for controlling operations of checking and displaying failures of the electrical parts, and a display unit for displaying the results of the checking of the failures.

1459826743-f7082980-69b9-4e09-89e9-8116b56c517d

The present invention concerns a catheter heating circuit for continuous cardiac output measurement. Surfaces are provided with adjustable contour, transient force damping and temperature. An adapter is provided for connecting each of the ID pins of the first row of the type 66 block to a corresponding input terminal of the DAC circuit and each of the ID pins of the second row of the type 66 block to a corresponding output terminal of the DAC circuit. The charge reservoir is connected to the voltage supply to provide a current through the resistive element. The method includes inputting image data with a first resolution, virtually increasing the first resolution to a second resolution using the reference position data, and generating a screen with the second resolution with respect to the image data using two reference vectors based on the reference position data.

1459826744-204fb2af-47b9-477b-89a7-652f8f427627

To easily secure a welding length when an opening is formed at a portion in the vicinity of a joint portion between a head pipe portion and a main frame portion.

The SIG field provides information for interpreting the data field. With the battery frame upper the battery frame lower structures a closed cross section structure.

1459826744-2134d906-8494-4144-8080-382e68b0a46a

A system on chip provides a memory array of nonvolatile bitcells. Each energy storage unit has first contact means for contacting the corresponding power tool and additional contact elements for contacting the charging unit in such a way that the charging unit is able to charge the energy storage unit via the additional contact elements, both when the unit is connected to the power tool and when it is disconnected from the power tool. An avalanche photodetector diode is formed about the trench. The control circuit works to limit a voltage applied to the transistor selectively to one of a higher controlled voltage and a lower controlled voltage. A retrieval catheter 3 is also advanceable over the guidewire 99 for retrieval of the filter 1, the retrieval catheter 3 having a distal end and a proximal end; and engagement elements for engaging the embolic protection filter 1 with the guidewire 99 for retrieval of the filter 1 into the retrieval catheter 3 in the collapsed configuration.

1459826744-bff5f137-819d-4875-9c6c-39a45133cc47

A complete and portable tool for retaining round, square or other non-flat stock, especially pipes, in a secure fashion while cutting and related operations are performed thereon. The first connector comprises a housing, a plurality of contacts supported by the housing, and a metal reinforcement member fixed to the housing. The voltage detection module produces a digital detection voltage according to the output voltage at normal time intervals, the comparison module detects whether the digital detection voltage is lower than a reference voltage corresponding to the state. The increase correction of the fuel injection amount is terminated after elapse of a preset time  $t_3$  since the increase of the throttle opening TH to the preset target opening THset. A method of providing container security includes closing a container using a latch device and removably coupling the cabling to the housing so that the communicative coupling is broken if the latch is opened.

1459826745-10061de6-14da-4d48-85bb-fa5860abbc53

A variable ratio sprocket assembly for providing improved transition between gears and eliminating derailing. The reinforcing element may include a plurality of open channels each of them being closed by a portion of the plastic coating. There is also proposed a method of producing such airbag and a method of inflating it. Certain portions of the memory subsystem are powered down in response to the memory power management signals.

1459826745-417c5fbd-e6dc-4a9f-b38c-ed384e2631af

An alkyl-tin stabilizer composition is treated with a calcium compound to reduce the carboxylate content level of the stabilizer. The leading edge preferably is generally straight while the trailing edge is contoured to define the chord. The output circuit comprises a main high-frequency switching inductor through which an inductor current flows wherein the lamp current is based upon the inductor current.

1459826745-588ff695-31ba-4ede-b399-9c614d4a7b01

A gray voltage generation circuit for driving a liquid crystal display rapidly outputs an altered gray voltage so that a source driving circuit can charge liquid crystal capacitors constructed in a liquid crystal panel in a short period of time. The switching device, in particular embodied in the form of a rail-mounted device, contains a housing and, included therein, a switching unit for interrupting an electrical circuit, and a supply connection for feeding a current to the switching unit. Certain static communications nodes are network cluster-head nodes with directional antennas, and, for example, achieve much of the gain possible when all nodes have directional antennas. A second material is inserted through the second aperture such that it fills the recess and the first aperture in the first portion

to form a second portion of the midsole. The API can be transmitted on a paging channel from which user equipment can receive information. In one exemplary embodiment, a cloud point monitoring system receives diesel fuel in the tubular conduit and propagates a sound wave through the diesel fuel.

1459826745-60cf3c33-d687-4926-ab19-73d2271282c7

In a current controlling apparatus for controlling a load current flowing through a load, a reference level generating circuit generates a reference level signal, and a reference signal generating circuit generates a reference signal in accordance with the reference level signal. Each spiral flow channels has a first end near the central axis and a second ends near the periphery. In operation, the hood, which does not move with the rotor, extends over part of the circumferential area.

1459826745-ebe68708-458d-4dbc-9eb9-d219009336dc

A method for treatment of a systemic wasting disease, by administering, to a subject in need thereof, an effective amount of a 3,8-diaminotetrahydroquinoline derivative represented by formula, or a salt thereof. An electrical connecting apparatus uses at least four types of contactors different in terms of at least the shapes of seat portions and the height positions of arm portions. Atoms of an element from group 4B of the periodic table are formed into a clathrate lattice, and a clathrate compound is then formed in which specified doping atoms are encapsulated within the clathrate lattice, and a portion of the atoms of the clathrate lattice are substituted with specified substitution atoms. The aircraft becomes anchored to the apparatus, and is pulled downward by the cable into a receptacle.

1459826746-660d19aa-ef27-4b27-a4de-09e494fc8541

The present invention provides a multicomponent fiber containing at least two polymer components arranged in distinct zones or segments across the cross-section of the fiber wherein at least one component of the fiber contains a thermoplastic polymer and at least one component of the fiber contains a thermoset polymer. More specifically, it is directed to filter laminates of multiple discreet layers of material bonded together, with at least one of the layers being an asymmetric membrane. The apparatus may include at least one spiral cathode for optimization of solution agitation and/or voltage distribution in the electrolytic solution. Assembling the inner cover and the metal cover with the frame, the inner cover comes in securely contact with the metal cover. During this discharge phase, energy in the capacitor discharges through the protection circuit of the semiconductor device.

1459826746-b22d6d68-e26f-4b69-8282-0eb17786c806

A scan diagnosis system for testing and diagnosing a device-under-test is disclosed. An audio encoder marks a frame as \u201cdropped\u201d whenever a buffer overflow might occur. The current sense signal is integrated to generate an integration signal. The licensing system provides protection from un-authorized copying of the applications.

1459826747-109078ed-b329-4dc0-b189-553798a5cf47

An apparatus includes a rotatable shaft having a shaft surface and a first seal disposed in a sealing engagement with the shaft surface. The tapered guides optionally include a plurality of projections defining a crown structure for discouraging insect egress from the trap. Each of the log entries may include an entry metadata portion, describing a respective log entry, and an entry payload data portion. The various segments may have different lengths and may include segments having a length shorter than the length of the article.

1459826747-e004985d-f069-475f-bf4a-f1d1aa7ac31d

An inbred broccoli line, designated GK0-1 is disclosed. The second node receives streaming media message packets and one or more check packets from an upstream

first node. These high-pass images are gained at each resolution and recombined with the original image to produce a sharpened version of the image.

1459826748-144780e8-42df-4b0a-a0e1-162270691a79

A floor cleaning machine having a speed control and steering member which operates under operator-applied deformation thereof. In one or more embodiments, a memory controller includes control circuitry coupled to one or more memory devices having multiple Groups of planes associated therewith, each Group including at least two planes of physical blocks organized into Super Blocks, with each Super Block including a physical block from each of the at least two planes. The cutting element further includes multiple surgical blades. The transfer pulse signal lines between the timing controller and the source drivers can therefore be removed.

1459826748-1f418330-9172-4a2d-8e76-cf5431688c89

A low flow heatedhumidified respiratory gas delivery system, especially useful for low flow rates as preferred in the treatment of neonate and other such patients, wherein the respiratory gas is heated and humidified as desired for delivery to the patient and the temperature is monitored at the point of delivery to the patient. A fuel pump system injects fuel into a combustion chamber defined by the housing, anvil member, and the ram member. The primary plunger shaft has a primary plunger attaching end opposite a primary pressure applying end.

1459826748-5531b059-da0e-4743-9bb2-e9ab0284c517

Provided herein are systems and methods for influencing shoppers while they consider making purchasing decisions in a retail establishment. This allows wireless service providers the ability to monitor and log changes in the status of mobile stations within and/or outside their networks. Feature vectors, including the mean heart rate of the photoplethysmogram and its standard deviation, the very low frequency, low frequency, and high frequency components of heart rate variability, the frequency and mean amplitude of skin conductance responses, and the mean and maximum skin temperatures, are extracted from the detected biological signals. In response to a signal, inputted to the input terminal port1, which falls within the UHF band, the high-pass circuit and the low-pass circuit output signals that are inverted in phase and equal in amplitude with respect to each other.

1459826748-cb99b51e-ceda-419a-8b48-aab75f7ace2b

The liquid ejection head ejects droplets by causing an electrostatic force to act on a solution in which charged particles are dispersed. These methods include using measurement and storage elements to measure the electrical response of one or more selected cells within an array and then comparing that stored electrical response to the electrical response of a reference element within the array to determine the resistive state of the one or more selected cells. A converter comprises a controller in accordance with the invention. The invention further relates to a device for the application of a chip module to an antenna module. In one embodiment, a plurality of the adaptive structures may be associated with micropores of a skin panel. One technique processes a recursive streaming query through a query graph.

1459826748-cce59b65-f566-4797-915c-b9af0081e664

A label adapted for direct thermal printing on both sides thereof and having a sealable pouch is described. The system provides access, to a user, to the network service. The two offset signals are then summed, which results in a signal proportional to the inverted envelope of the input signal.

1459826749-23e739cd-d765-435e-8eb7-a02b2b3076cb

The invention relates to a method of regulating the temperature of a heat regenerator used in an installation for storing energy by adiabatic compression of air. All of the wheel sets are vertically adjustable to negotiate stairways and similar changes of elevation. A coupling mechanism can be included and associated



with the connector portion so as to provide the connector portion with substantially uniform contact across a contact surface area with the conducting member. If it does not so qualify, the customer's original selection will be dispensed and the transaction ends.

1459826749-2ab8c8ee-574e-4e10-9ee3-d349def3945d

An optical medical tube and control unit assembly and methods of using the same are provided. An operative condition of the memory cell involved in a programming operation is detected, and at least a configuration signal of the regulator according to said detected operative condition is generated, this configuration signal taking a first and a second value associated with the first and second operation conditions. Each channel also includes a threshold detector and a peak amplitude determining unit connected to the output of the filter in that channel. A plurality of devices tracks the characteristics of an estimated noise in the received signal and modifies multiple noise adaptation rates.

1459826749-6b7063bc-cd28-47f0-9efc-cffd836eaf1a

A cassette detecting device and a medium processing device using the same are provided. The communications module can transmit and receive information and data via a commercial two-way wireless system, which may include two-way paging technology. In another embodiment, multiple pumps are coupled into the core of the gain-producing fiber. The tip mount has a threaded shaft extending outward along central axis for releasable threaded engagement with interior threads provided in a detachable mounting ferrule. Further, the invention relates to a computer program product defining an algorithm that comprises a method for improving the control behavior of motor vehicle control systems.

1459826749-a13abfcf-2793-4f02-80ed-3f742d3e19a3

The disclosed technology enables manufacturers to efficiently design and manufacture structural wall panels, floor panels and roof panels from cold-formed steel for use in residential and commercial construction. The device includes an integrally formed plastic extruded spline and a protrusion having a D-shaped profile. The display device acts as a monitor for the controller. Also, for each iteration, an intermediate decoded data element is multiplied by a scaling factor based upon parameters of the previously decoded data element block and is used on the next decoding iteration. The solution is then separated from the glass particles. The composition includes a first agent selected from the group consisting of an oxidative phosphorylation inhibitor, an ionophore, and an adenosine 5'-monophosphate-activated protein kinase activator; a second agent that possesses anti-inflammatory activity; and a third agent that possesses serotonin activity.

1459826750-403e743a-43e5-4007-b019-a87eeb242bd9

A flame-resistant polymer excels in moldability capable of providing a flame-resistant molded item of novel configuration; a relevant flame-resistant polymer solution; a process for easily producing them; a carbon molding from the flame-resistant polymer; and a process for easily producing the same. According to one aspect, a network element receives user-specified input that indicates a particular message classification. A support member extends from the bottom surface of the body into the cavity to help support the flexible portable fluid container. The receptacle wall has soft fins for hampering the spinning of the propeller assembly when receiving a descending propeller assembly. The piston has a leading end, a trailing end, an inlet valve that is located at the leading end of the piston for receiving a compressible fluid from the compression chamber and an outlet valve that is located at the trailing end of the piston for expelling a combustion gas into the arcuate expansion chamber. In a fourth set of embodiments, the object storage system uses a structured information synchronization system.

1459826750-96b6da9d-3880-4dc6-8de1-f3487a5a0174

A client-server system may include a primary state of session data. The film has good press formability, film removability, and blocking resistance, and possesses a high level of rust preventing properties in that it can prevent the steel material from rusting when kept in stacked or coiled conditions with no oil application. The system also includes a stemmer that reduces words to grammatical stems by removing known word-endings associated with the various languages to be supported. A first doped polysilicon layer is disposed on the collar oxide layer and on the exposed bottom of the capacitor deep trench. The column direction and the second virtual linear lines L2 define an angle of 2-40 degrees, and the dummy wiring layers 32 are disposed in a manner to be located on the second virtual linear lines L2. 1 bus architecture and includes a plurality of stages.

1459826750-eb431049-62cc-4368-9470-7efc580e6a0e

A micromachined device of micron dimensions comprising a base and a movable member spaced apart from the base. Polyolefins are introduced into an extruder. The marks are formed so that reading signal level will be raised where the marks are formed while it will be lowered where the marks are formed in a counterfeit disk produced based on an authenticated disk, namely, the reading signal level where the marks are formed is different in polarity between in the authenticated and counterfeit disks.

1459826751-48381f78-ece9-403f-a7c2-ead57087e5ec

A handheld controller which includes at least two disparate sensors, such as a motion sensor and a touchpad sensor. The circuit may further include at least one control signal line from the control logic to the configurable impedance logic, where the control signal line is operative to provide a control signal for configuring the configurable impedance logic. The cellular baseband unit includes a digital signal processor that performs modulation, demodulation and scheduling for both the cellular radio signals and the microwave backhaul radio signals. The cogless motor is coupled to the user interface, and receives motor drive signals.

1459826751-56e605ac-690e-46b0-9545-ecdae4621a3c

A Redundant Array of Independent Disks controller receives new data that is to be written, wherein the new data is indicated in blocks of a first block size. The mixed modulation memory access circuit selectively accesses burst memory locations containing a valid burst of coded bits. In an exemplary embodiment, to offset the skew that may result across the tiers in the clock tree, a cross-tier clock balancing scheme makes use of automatic delay adjustment.

1459826751-7a267b5a-9469-461a-acd6-926e3b49d45a

An automated method and system to assemble and inspect tubing assemblies includes one or more coordinate tables with each table having a plurality of robotic fixtures mounted for movement on the table. Further, an ignition coil device module is provided with ignition coil devices 102 provided corresponding to a plurality of combustion chambers of an engine, respectively, wherein connection surface base portions at which connecting terminals are exposed are provided on one-side surface of each ignition coil device 102. A FIFO write pointer counter receives a write enable signal and the write clock. Each dividing grooves extends along the centerline of any projecting region having a width larger than a prescribed value.

1459826751-87fbf51d-ab9f-43fe-8473-3fadf5266cb2

Disclosed is a magnetic bearing structure including a permanent magnet, levitating a rotation body without a bias current, and easily magnetizing the permanent magnet. The filter casing can include a top wall positioned in the bottom of the dispenser housing, a head assembly at the bottom of the filter casing connected to the water supply and to a water outlet in the dispenser, and can include a filter casing drain. The frame member is disposed within a portion of the vehicle so that the frame member is flushly mounted with an outer surface of the vehicle. According to the device, a high-quantity image can be obtained, and the pixel size can be

reduced.

1459826751-d2b87ca1-dc65-4107-b135-714d6cb979aa

The invention relates to a process for the preparation of triamides from ammonia and amido-dichlorides. Said frame elements are connected in a non-positive way by means of fastening elements with parts of the building which are adjacent to the opening. The output unit outputs a volume value corresponding to the rotation angle position of the operation dial displayed by the display control unit.

1459826751-d8ccf4ea-5667-4c1a-b600-e37e9c2336d2

The method manufactures high-purity ferromagnetic sputter targets by cryogenic working the sputter target blank at a temperature below at least 50 C. The structure-reinforcing cap is inserted within a first open end of each of the posts and frictionally engages the interior surface of the post to substantially prevent movement of the exterior surface thereof when various types of appurtenant structures are mounted thereon, which would otherwise cause deformation and possible structural failure of the post walls. Metadata associated with at least one music track in the set of common music tracks is retrieved, the metadata being specific to the second user.

1459826752-3833f03a-3d5e-4dc8-a2ab-bf7ff07d6f40

A method, device, and computer program product for managing alarms during a care process are disclosed. The dual-chamber system includes respective separating elements separating the two chambers from each other. by the vehicle's driver, of a reference speed vset which is the speed desired by the driver for the vehicle. The CO oxidation activity of a material of this type can be increased by metering in elements selected from the group consisting of Pt, Pd, Rh, Ru and Ir in any desired inorganic form.

1459826752-a988696e-e70d-448b-8da1-b773192abe25

A wolf note elimination device for a stringed instrument utilizing a base member which is attachable to the surface of the stringed instrument. The cells may occupy two-dimensional or three-dimensional grids, defining the optical gratings as planar gratings or cubical gratings, and thus providing two or three sets of surface-to-surface separations, or thicknesses, and cell-to-cell separations. When closed, the bottom may have a gusset for allowing expansion upon the depositing of the pot into the sleeve. The splicer is capable of delivering the webs at a constant rate or a rapidly changing and/or dynamic cycling rate, and applies relatively low web tension for operation with delicate, narrow and extensible webs. Bit-level operations are generally avoided and the methods and apparatus are applicable to systems based on, for example, public-key cryptographic algorithms defined over the finite field GF.

1459826752-cd7f525b-12a0-4e1a-ad9a-442cd637e68e

A new photovoltaic cell structure, prepared on transparent substrate with transparent conductive oxide layer and having nanorod zinc oxide layer. These mechanisms and methods for determining a rate at which an entity is polled can enable decreased overall server load, improved efficiency, an increased perception of responsiveness, etc. The radio assembly further includes a modulation cancellation scheme in full duplex mode. The tank top portion of the invention is attached from each side as well as the bottom of the garment, in a unique \u201cturn-under\u201d sewing technique. The receiving unit transmits one credit to the sending unit for each data packet that is read out of the skid buffer. The annular body portion consists of a plastic material and the plurality of gear teeth project from the annular body portion.

1459826752-e68e77e1-61cb-4e35-bd83-f5268bcb415d

A novel maize variety designated PH17R8 and seed, plants and plant parts thereof. The occupant protection system includes a sensor for detecting an impact at a time of collision, a determination device for determining the collision based on a

detection signal of the sensor, and a an occupant state detection device for detecting whether an occupant's posture is maintainable. The walls and floor are integrally formed into a single structure.

1459826752-ed4abd46-f0ae-44b8-8da8-67e076b3aa83

A high-speed wavelength channel selector has properties of relatively easy manufacturing and easy extension to multi-channel integration, and a high-speed space and wavelength multiplexed channel selector uses the high-speed wavelength channel selector. One embodiment employs a bore in the plug so that the thin wall of the plug flexes outward at high pressures to partially fill the gap between the chamber member and the plug where the o-ring is located, thereby preventing the o-ring from extruding through the narrowed gap. A variation is determined during a predetermined time interval of the stimulation signal preceding the current instant of injection and exempt from injection, to accelerate the charge or the discharge of the floating substrate of the transistor.

1459826753-06a84b82-9bb5-46e0-af44-d9abe3f5facc

A recording medium for storing virtual deletion information, and recording and/or reproducing method and apparatus therefor are provided. The olefin polymerization catalyst comprises a transition metal compound represented by, for example, the following formula and optionally at least one compound selected from an organometallic compound, an organoaluminum oxy-compound and a compound which reacts with the transition metal compound to form an ion pair; . The lid is turned in an opening direction or a closing direction in association with a turn of the arm.

1459826753-65e96cce-5935-4121-aa71-ee441112d5a9

There is herein described a connector system. These pump housing structural features accommodate access bore plugs that secure suction valve spring retainers that are internally located substantially centrally over the suction bore transition area of the plunger pump housing. Measured amounts of back scatter are received for each of the wavelengths. Transition metal complexes attached to polymeric backbones are also described. 48 degrees of a peak having a highest diffraction intensity at 2 on an X-ray diffractometric chart traced at a diffraction intensity at an X-ray diffraction angle of 2, and is made of a material which has an amorphous phase and contains at least one element selected from among cobalt, nickel, manganese and iron is used as the negative electrode and/or the positive electrode. The third electrode has a bias voltage being two volts higher than a pixel voltage of the sub-electrode.

1459826753-82247af9-87b8-4548-89bc-a759a6d11f70

Methods and apparatus relating to distribution of intelligence across a network are described. For detection of a touch position, a segment of surface acoustic wave is provided multiple times to be propagated on a SAW touch panel, and the multiple SAW segments are received by the SAW touch panel. The relationship between the mixing time and temperature may also be determined based on the following: . This signal is used to energize an actuator positioned between the car and the guide elements and thereby dampen the vibrations acting on the car. As a result, the attachment position of the position-detecting sensor can be arbitrarily adjusted in a stroke direction of a cylinder.

1459826753-a3f22ce1-6ad3-4550-bafa-b80a164e964c

An approach to hybrid transmit diversity which involves the transmission of information using different forms of transmit diversity for at least two adjacent time slots is disclosed. Video content may be provided for viewing by a plurality of users. Each connector module communicates with an outside complementary connector. The control circuit instructs a read operation in units of rows and a write operation in units of cells, and inhibits the read operation in units of the banks when the write operation is carried out to a specific one of the cells of a specific one of the banks. The parameterized commanded positions cause the scanning

optical system to deflect the light beam to scan the beam spot over the scan path to scan the biosensor.

1459826753-e76af897-e67c-41d7-8fd9-200d0cb0d244

A frame is provided for vehicle roofs of all usual types, such as sliding sunroofs, slide-and-tilt sunroofs and top ridge sliding sunroofs, preferably having a motor drive for the cover that can be moved in relation to a roof opening by means of a cable drive system. The computer terminal transmits status information on an apparatus as an object of the maintenance management to the server machine in response to a status information transmission request received from a server at every predetermined interval. In one aspect the water soluble cholesterol derivatives disclosed may be used to replace cholesterol in micelle-solubilized membrane protein preparations.

1459826754-5677bf87-0b40-4157-87ec-34a5d7a8843e

To check operation of a circuit to be checked connected to a bus to which at least one master circuit and at least one slave circuit are connected, a model is connected to a bus in place of a master circuit or a slave circuit and cause given signals to be outputted at given timing for checking the operation of the circuit to be checked. It relates more especially to the hardware parts of the electronic circuits for monitoring proper operation which are integral with the equipment or with equipment parts and which are furnished with a nonvolatile memory and by means of detection, selection and capture into their nonvolatile memories, of the report formulated by the central maintenance computer. In addition, the camera includes a pair of flashes oppositely disposed on the front side of the housing. The access map manages the MPEG transport stream in block units, each block containing an integer multiple number of ECC blocks.

1459826754-6b6c0f2f-d4d1-4959-bf37-91e533c76372

A method, system, apparatus, or computer program product is presented for routing event messages between data processing systems based on privacy policies associated with the data processing systems and based on event policies associated with event types for the event messages. The semiconductor device does not carry out the auto-precharge operation until a predetermined auto-precharge delay time passes. , a disilane gas in a reacting vessel, so as to form a hafnium silicate film on a silicon film. A string passage includes a central passage which extends only part way through the string post and has an end surface area disposed in the string post at a location adjacent to a bottom surface of the slot.

1459826754-b5ab6edd-93eb-45eb-b23f-e98fd72c4aa2

An electrostatic discharge protection device and a fabrication method thereof are provided. This invention thus relates to the seeds of soybean variety XB48X07, to the plants of soybean XB48X07 to plant parts of soybean variety XB48X07 and to methods for producing a soybean plant produced by crossing plants of the soybean variety XB48X07 with another soybean plant, using XB48X07 as either the male or the female parent. The invention also relates to an optoelectronic system with at least one said optoelectronic module, at least one base part and at least one adjusting means that is arranged in the base part and passes through the at least one adjusting opening of the carrier element of the optoelectronic module. A single output connector connects to a data processing device 3 which processes signals from the strain sensors 5. Session points would accumulate at the \u201cmultiplied\u201d rate and are displayed as such on the EGM display. The disclosed disk carrier device includes an attracting unit including a permanent magnet that attracts and thereby holds the plate; and a holding mechanism configured to detachably hold the attracting unit.

1459826755-3469d95a-5bff-436f-b55d-058b40a2de57

An RF chip test method is disclosed. The prescription pill vial includes a body having a sidewall and bottom forming an enclosure for prescription medications. In

one embodiment, the control logic block of the RFID tag operates based on a system clock and the sensor block provides a reference clock to the control logic block for use in calibrating the system clock of the control logic block. On a front end side of the ferrule main body, the positioning block is disposed. The phase decision module determines a direction of phase adjustment according to the specific M-bit data. In certain embodiments the device is combined with a filter that covers the mouth to provide an air filtration system.

1459826755-34d24849-b540-484d-9cf7-0a70156dd4eb

One end of a shaft is fixed to a first portion of a housing. The proximal end is configured for attachment to an electromagnetic radiation emitting device. The locking wheel includes an engaging block for selectively engaging with a first engaging notch and a second engaging notch in a fixing member securely mounted in the inner rose. After hard-facing the casting is hardened and tempered by heat treatment.

1459826755-fe4fc606-db30-41ce-bac7-a44f90699c6c

A pile is disclosed for insertion by a pile driver. The computer program is configured to control a processor to execute instructions. The invention furthermore relates to processes for the preparation of the compounds of the formula I, their use as pharmaceuticals, and pharmaceutical compositions comprising them. The potentiometer is coupled to the shaft, and provides a variable resistance between the first and the second terminal in relation to the movement of the shaft. A cooling fan may receive inlet air and may generate cooling air. Magnification set by an optical zooming function is acquired, and a gamma curve, namely gradation correcting information is set to a gamma lookup table, while the gamma curve is applied during a photographing operation based upon the acquired set magnification.

1459826756-f1c49d2b-d4dc-4f72-b1f3-6348c7d68bf0

In some embodiments, this invention pertains to isotopically enriched N-substituted piperazine acetic acids. The sensor spacer is spaced apart from the sensor pad, and includes a sensor electrode disposed on a portion of the sensor spacer which faces the sensor pad. A continuous flow of wastewater is supplied to the rotatable device, and intermittent pulses of wastewater are supplied to the stationary nozzles. The support pillars, the support plate, and the flexible pads form a hollow area, and each support pillar has a hollow hole.

1459826757-51172ef6-470e-4f49-8c53-f37cd455f8f0

A reference voltage circuit and an operational amplifier operate when an output voltage is produced from an output terminal of a power supply circuit. Upon inflation, the cuff applies radially inwardly directed compressive force to the shaft of the penis with a concomitant restriction of the urethral passageway. When the illumination device is connected to the fixture device, the controller module communicates with the identification circuit of the illumination device to retrieve the identifying data and causes the driver module to supply the appropriate power to the luminary module of the illumination device. A heat map is generated that has regions assigned to represent different components from the software product. The provided data includes a hybrid automatic repeat request profile, a transport block size, power offset, or the like. The first phase adjusting circuit phase shifts the signal from one of the first and second antennas by a predetermined amount to provide the forward directivity state, or phase shifts the signal from the other of the first and second antennas by the predetermined amount to provide the backward directivity state.

1459826758-8f79903b-97a0-4923-bc59-b6033d377a87

Grate plate for the push-type grate of a clinker cooler, which has a topside bearing surface exposed to the hot material to be cooled. A play participant can play while holding on to the rotation shaft to which the decorative object is attached. An encrypted channel is then set up between the MN and the PGN based on

authentication established with the authentication mechanism. The piezoelectric layer 33 is formed on the top surfaces of the individual electrodes 32.

1459826758-b14e9b20-e2bc-457e-9265-c510c03dd0c9

A speaker of encoded speech data recorded in a semiconductor storage device in an IC recorder is to be retrieved easily. In order to stabilize the oil supply to the bearing or the like, the oil is supplied by an oil pump provided in a shaft end portion of the drive shaft close to an oil reserving chamber. With the opposed wheels of the movable member respectively at opposite sides of the wedge shape member, the tracks of the wedge shape member engage and impart a spreading strain to the opposed wheels as the movable member moves in the direction of travel. When the client requests status information of the properties it controls, the event manager provides this information to the client thereby avoiding the need for the client to separately query each individual device. The second pressure is greater than the first pressure to influence the second semiconductor wafer into contact with the first semiconductor wafer in the recesses in the surface of the first semiconductor wafer. More specifically, the control mechanism permits mechanical adjustments of a position of the seat to be made that are independent of electrical adjustments of the seat.

1459826759-c4a7c68f-63c4-4e41-ae08-dfaafdef9860

A console is provided for attachment to a vehicle chassis. A processing core of the first device may wake-up the second device after generating a first data unit. The OS switching means makes reference to a preferential interrupt table on the basis of an interrupt factor for switching to corresponding operating system and calls interrupt processing means incorporated in the operating system.

1459826760-c904aa64-03dc-437c-b4e3-41c8b280a836

A method and UE for setting a Happy bit on an uplink enhanced dedicated control channel are provided. At least one of the closure apparatus and a contact surface of the tool assembly include a plastic surface. A second thread executing in kernel space is provided. An electrical signal from the IMD is provided to a target portion of the vagus nerve through at least a portion of the wall of the esophagus for treating the medical condition. In another embodiment, an article is formulated from, or coated with, a polymeric composition containing metallocene as a polymer constituent. The staple pockets may be arranged in rows, each row of staple pockets being longitudinally offset from another row, such that each staple pocket in a first row of staple pockets is nested with a staple pocket from an adjacent row of staple pockets to make more efficient use of space on the anvil.

1459826760-e3290d1f-b7a2-4eb9-8036-557ce00af1e4

Methods for preparing 2,6-diaryl piperidine derivatives are described. Each side rail may also include complementary male/female connectors at its opposite ends to allow for connection of one side rail to another, resulting in a modular design. The end cap comprises a body and a plurality of protrusions which extend from the body. The reaction cell may be advantageously designed in a very space-saving manner in its scale, such that a portable use of the analysis cell is possible as well. A method of installing an object into a swimming pool is also provided.

1459826761-1ae912eb-7c52-448b-8e1d-2d1a105dfb26

A flexible package has a dispensing opening with a closure label overlying the opening that is permanently attached to the package by heat sealing along an edge portion adjacent the dispensing opening. The central computer system is adapted to: identify a particular one or more of the wireless interface devices that have received a wireless signal from the transponder, and determine an estimate of the current position based on the identified particular one or more of the wireless interface devices. Exemplary Pt-based bulk solidifying amorphous alloys having such high Poisson's ratio values are also described. The invention also provides a method for actuating at least one clutch which is arranged in the motor vehicle by

means of a motor vehicle hydraulic pump, whereby an inter-connection of a volume flow outlet of the first step and the second step of the hydraulic pump takes place according to requirements for actuating the clutch. To produce the lenses a bundle of stocks in a tubular envelope is fed to the furnace or stocks, produced on the previous degree, and the bundle is drawing from the furnace at the speed, exceeding the speed of feeding. And, caching of device local memory in a host address space, as well as caching of system memory in a device local memory address space is provided for to improve bandwidth and latency for memory accesses.

1459826761-ced8af31-16c9-42eb-be16-ffdf89b4f257

The present invention relates to a method of controlling a volume of a reproducing apparatus and a reproducing apparatus using the same, wherein a reproduction volume of an audio file can be automatically controlled in accordance with information on a volume level of the audio file. Further, in some cases, the controller or control method is designed or configured to control transition of an optical device to an intermediated state between two end states. In response to the user request, an echo of the speech input based on a textual interpretation of the speech input, and a paraphrase of the user request based at least in part on a respective semantic interpretation of the speech input are presented to the user.

1459826762-425a9ef4-f5aa-41f8-bc3e-f5bc30d22c90

A refilling system for use in refilling a container with a fluid from a fluid source. A cartridge receiver and a changeover switch are integrated into the body of a desired electric instrument, while an effects cartridge is attached to the electric instrument via the cartridge receiver. A pre-selected aggregation percent, representing the percentage of actual addresses from the space which is present on the node, is utilized in the evaluation of the maskaddress. The circuitry is further operative to add the addresses of rows  $N$ ,  $N+1$ , and  $N+2$  to a table stored in the memory device. By providing a counter and incrementing it each time an IPX packet is received from the network, the most used entries are identified. The data collected can pertain, for example, to the weight and/or volume of the glass, plastic and/or paper within the input stream.

1459826762-b70592e0-969b-4869-84c6-bd51c5ad1e4d

A lockout device for securing a toggle switch. A semiconductor memory test mode configuration includes a first capacitor for storing digital data and connecting a cell plate line to a first bit line through a first select transistor. In one embodiment, when the well is pressurized the tool can be loaded with one or more items to be dropped.

1459826763-030fc166-54ac-4974-8651-7e0c3c09661b

To prevent degradation of transmission quality due to interference between scramble codes, under such a situation as soft hand over, when the number of mobile stations connected with a base station exceeds the number of the orthogonal codes. With this configuration, an amount of desulfurized waste water to be returned into the flue gas duct per unit time can be increased as compared to conventional systems, without increasing the size of the entire air pollution control system. Pillow members are provided on the inner bottom surface of the recess at positions corresponding to corners on both sides of the other end of the crystal blank, and the two pillow members are independent of each other.

1459826763-4bd196cb-c5b8-4cca-b56b-73f203c0b9ef

An integrated circuit inductor structure has a substrate disposed below an inductor. A gate insulating layer and a floating-gate conductive layer are formed on a semiconductor substrate. The retaining clip includes a pressing body having first and second ends, a first leg extending from the first end thereof and engaging with one ear, a spring attached to the pressing body, and a second leg attached to the second end thereof and biased by the spring. The conveyor device comprises at least one means for generating a spatially and/or temporally altering



magnetic field, which produces a force to rotate or stop the spindle-shaped elements.

1459826763-5f22879e-1d92-4671-809f-f378db81c62d

Disclosed is a roman shade assembly that utilizes lift bands rather than lift cords. The refresh period controller generates a control signal in response to a self-refresh signal, the control signal indicating a nominal initiation of a refresh period. The first plate is movable from a first position, wherein the first opening is aligned with the vent, to a second position, wherein the second opening is aligned with the vent.

1459826763-90e111d0-9d28-42e6-a8a9-28c0326950ba

A side keypad assembly includes a pressing surface, an opposite mating surface. The housing defines a first notch and a second notch communicating with the first notch. Advantageously, the method provides enhanced container handling and logistics, and has wide use cases in warehousing, assembly manufacturing, ports and distribution hubs. The input symbols comprise user data traffic to be transmitted to the base station.

1459826763-96716b76-3f20-48f0-b749-5dbddc9d5251

A compact self-ballasted fluorescent lamp which is equivalent to a typical light bulb is provided. The chair includes a seat pan, a seat plate and a torque limiting fastener. Requests for Internet content are received from user equipment through a wireless network base station, and served from the local content server, which is logically proximate to the wireless network base station. Thereafter, the ADPCM value Dn is compression-encoded by a compression-encoding section to generate a signal D\u2032n, and the signal D\u2032n is framed by a framing section and outputted.

1459826763-97164442-e148-456a-b018-893c6986fe72

A system and method in an IP-based network for defining a specific router for a host to utilize as a default router. On the other hand, when the image to be formed on the recording medium is a monochrome image, the liquid ejection apparatus performs the recovery action for the first nozzles of the first liquid ejection head. Sacrificial carbon sidewall spacers are formed adjacent to the sacrificial carbon gate, and sourcedrain regions for the transistor are formed using the sacrificial carbon sidewall spacers to define the sourcedrain regions.

1459826764-2705e749-061f-4192-9f95-99a3f43a256c

An improved golf club grip is provided that is comprised of a shaft, including an upper shaft portion; an upper grip portion positioned about at least a portion of the upper shaft portion; and a lower grip portion positioned below the upper grip portion. An adaptive color value interpolation circuit includes look-up-tables to store a plurality of values for each of the destination pixel's coordinates. The method also includes comparing the personal content for the first member to the information that characterizes the personal advertisement to determine whether the personal advertisement is related to the personal content for the first member, without determining whether the first member is related to the second member in the online social network. A print data conversion unit converts the color converted color-converted image data to two-color print data. The cucurbituril derivatives have the formula .

1459826764-50637af7-15cb-4ff4-8d9e-1d32e08efa4b

The sole FIGURE is a side elevational view of a tire sidewall. An expansive horizontal structure parallel to the surface of the water confines one or more horizontal layers of water, a distributed array of heat transfer structures gathers solar energy and imparts it to the confined water, and one or more heat engines produce electricity utilizing the temperature differential between the confined water and ambient water. The HUD comprises a projector and a combiner. The film can

then be turned over for use with the former bottom lamina becoming the upper lamina. The actuator can disconnect from the valve base and valve member. A porous organic polymer includes polymerization product from at least a plurality of organic monomers, where the organic monomers are selected to provide a deliverable adsorption capacity of at least 70 gl for an electronic gas.

1459826765-23ad564c-8b34-4d91-b57f-6411216683e6

A field effect transistor having a T-shaped gate electrode is formed on a GaAs substrate, and the T-shaped gate electrode of the field effect transistor is coated with a SiO<sub>2</sub> film. A fluorescence detection system includes a probe having a lens and optical fibers and arranged on one end thereof. The first diffusion region is disposed in the base. Still another aspect of the invention pertains to graphical user interfaces that can be utilized to set or monitor notification characteristics for wireless communication devices. At least one of the arms may carry service conduits that provide medical air, oxygen, vacuum, nitrogen, nitrous oxide, or electricity. This member, for example, a back-panel combined frame, is constructed of a resin, etc.

1459826765-72e46bc6-4b08-48b0-8b58-28e3f3afafdd

A speaker that is designed to substantially eliminate wobble of the voice coil during operation, and thus remove that source of distortion and early failure of the speaker. A wider variety of conductive material and insulating material can be used for forming the wiring layers and the insulating layers on the substrate by ink jetting, while the wiring board has a first wiring layer having high density. The biomarker can be detected by SELDI mass spectrometry. The means for supplying the band member and the means for supplying the belt member are operative to cooperate with one another to continuously in series form a plurality of tires having different tire sizes. The molded brace member can be sized and dimensioned to correspond to the associated measurements of the lower leg of a user afflicted with a foot drop condition.

1459826765-9ed7b04a-5c9d-4734-b2d6-4be96d757bde

A tamper detection system includes a trigger mechanism system and a detection circuit that operate in combination to protect an integrated circuit from attack. A structural element includes at least two glued units of concrete, the compressive strength of the concrete being greater than 80 MPa. The 5'-substituted bicyclic nucleosides are expected to be useful for enhancing one or more properties of the oligomeric compounds they are incorporated into such as for example increasing the binding affinity. A drive system may operatively connect the transmission output member and the motor shaft to the final drive input member.

1459826766-280256f6-7a73-4712-a261-9789b5ec4327

The formation of an interlayer insulating film above a substrate, the formation of an insulating film of an organic material on the interlayer insulating film thereafter, and the irradiation of the insulating film of an organic material and the interlayer insulating film with electron beams, thereby curing at least the insulating film of an organic material, are proposed. The system enables the notebook computer to be easily detached even when the system is installed in a vehicle. An indent on each mounting bracket is configured to engage a microphone stand or another elongated, pole-like structure, supporting the weight of the loudspeaker monitor through frictional forces.

1459826766-5eec1f0-e620-49aa-87ac-d1fdd57a36ea

A pneumatic charging system and method for re-pressurizing at selected pressures air tanks used to actuate pneumatic motors. Systems described herein allow for improved treatment of tissue. The scan test architecture generates a control signal to mask bits in an unbalanced scan chain. Computer instructions instruct the processor to identify specifications representing the tow-vehicle and trailer assembly and to calculate force values and motion values affecting the tow-vehicle

and trailer assembly.

1459826766-6d163347-4d77-4733-ac58-4c194e5f6487

The present invention provides a multi-bits non-volatile memory circuit having a cell transistor with non-conductive trap gate which has a cell array capable of reading a plural data simultaneously. The support portions are provided with ball splines and radial needle bearings. The rear roller assembly comprises a single rear wheel 121 supporting lower leg support platforms 115A, 115B on either side of the rear wheel. An air gap does not have to be formed by mounting components on a printed circuit board. The financial transaction request is processed and cleared or rejected.

1459826766-a86a78cd-a4ac-4d9f-8db9-cef2782fcd31

In one embodiment, in a power converter system having first and second switches connected in a half-bridge arrangement at a common node from which current flows through an inductor to a regulated output terminal, wherein the regulated output terminal is connectable to a load, wherein the first and second switches are turned on and off in cycles, a method is provided for synchronous rectification. The tunneling magneto-resistance element is electrically coupled to a sourcedrain region of an access transistor through a strap and a contact hole. The amount of attenuation for each branch is equivalent to the cross polar suppression required for each antenna array. In one embodiment the container is a doughnut shaped flexible bag.

1459826766-ddb376e9-c2a2-46ac-a8fd-f6c4e292be87

First, a trench penetrating first conductive layers and interlayer insulating layers is formed. The distal jaw is operated like a standard hand tool with compression of the handle causing the jaw to close, and vice-versa. A mixer reads the audio signals recorded in the multiple tracks, subjects the audio signals to mixdown according to a mixer parameter set by an operation section, and records the processed signals as audio signals in the recording medium without reproducing the processed signal in real time.

1459826767-1c37ce8e-040b-4d3a-ac97-fc66adf520ea

Rotating power transformer having stationary and rotating parts. The dual-loop AFC includes an inner loop that corrects short-term frequency variations and an outer loop that corrects long-term frequency variations. An indicating device indicates to the passenger the allocated car deck and/or the main stopping floor thereof. The pharmaceutical formulations can be used for any disease that is sensitive to the treatment with decitabine, such as hematological disorders and cancer. The overlayer is adhesion is unchanged by 4 weeks in a 100% humidity chamber at 30°C.

1459826767-71b504ff-e5fb-4562-bf4a-b64a238398b1

An apparatus for detecting a deviation of a camera as a result of a shaking. The highest order harmonic that has sufficient strength to cause significant harmonic distortion of a sweep segment is determined. An inner cover layer is disposed about the outer core layer and an outer cover layer is disposed about the inner cover layer.

1459826767-a93220d0-98c3-4f98-bd55-db4a2c252ab5

A tab system for a folder, and a method of making same is disclosed. Defect density is the number of distinct defects which required changes to be made to a particular file or module in a given period of time. To install the bed extender, a tailgate of the truck can be removed, the hitch assembly inserted into a hitch receiver on the truck the load platform connected to the hitch assembly and positioned to extend from the bed of the truck. The second thermal member forms a plurality of through holes for heat dissipation. The second signal is representative of a voltage of a reference power supply line. In addition or alternatively, the corona

gun may be adapted to alter its length and/or include a second electrode partially inset within a space surrounded by the first electrode.

1459826767-b2cb90b4-460a-4e67-8022-11778131abf5

Techniques are provided for managing a routing table in a distributed network switch. The component is provided for the generation of laser radiation by means of an external optical resonator. The outer side of the outer raceway grooves is tapered, and the inner side of angularly arranged outer raceway grooves is positioned closer to the central axis of the bearing than to the outer side of the outer raceway grooves. The first and second drives are operable for positioning the gripper and/or the gripper pad so that clamping faces of one of the gripper and/or the gripper pad are movable by the second drive perpendicularly to clamping faces of the other of the gripper and/or the gripper pad.

1459826767-f72e99f9-598a-4023-9d0b-d5f0aefd11a2

A foldable display support stand is foldable easily and readily into a folded collapsed condition. The vaporizer comprises a sublimator for receiving a solid source material such as decaborane and sublimating the decaborane. The frame also includes a removable child seat adapter that can be connected to the stroller frame such that the stroller frame presents a second set of connection locations that removably attach to a second child seat. The PSA module comprises a rotor containing the adsorbers and rotating within a stator, with ported valve faces between the rotor and stator to control the timing of the flows entering or exiting the adsorbers in the rotor.

1459826768-3506290d-8c38-47fc-9b52-f61305d7c630

An operating mechanism for an electrical apparatus, in particular, for a hand-held machining tool, includes a storage for inputting of control data and/or a control program for controlling the electrical apparatus, as well as a control unit connected with the storage for controlling the operation of the electrical apparatus according to the stored control data or the stored control program. The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various proliferative disorders. A pair of cores are mounted to the substrate. The heads are dished to have a domed center portion which has a profile and thickness so that the domed center portions will reverse before any other part of the cylinder is stressed beyond a yield limit for such part. A set of data structures are provided to keep track of active scan operators, including a session control block that includes fields for keeping track of whether the scan operator is performing an initial scan or a delta scan. The database is configured to present at least a portion of the advertising information of advertisers when at least a portion of the detected traffic information is requested.

1459826768-59876aa8-7be8-4cb1-8c7d-76f4d04ff3d2

A firearm laser training system according to the present invention includes a laser transmitter assembly and a cartridge adapter assembly, while employing modified blank cartridges to simulate firearm operation. The method includes providing a probe having a cantilever defining a longitudinal axis and supporting a tip. This blade apparatus is coupled with a prime mover.

1459826768-777771c5-2e42-4f7b-a319-554c48d677f4

A height adjustable auger shroud for a snow blower comprises a pair of wheels secured to a lower portion of the opposing sides of the shroud. The support disc has a center aperture lying parallel to the longitudinal axis of the heating element, and one or more apertures located between the center aperture and the periphery of the disc. In the second switching state, it is operatively connected thereto in a non-force-transmitting manner.

1459826768-b4447a8d-2b6d-4cba-8c72-846620ba8521

A liquid testing device for determining the value of at least one property of a liquid. In addition, the invention relates to pour-on formulations for combating parasites in animals, such as cattle and sheep. The plug end of the electrical cord of the appliance is locked into the apparatus to prevent the electrical appliance from being unplugged from the apparatus and plugged into an electrical wall outlet. For other systems not required to maintain a separate password infrastructure, the CPR performs password services by responding to requests from those systems seeking to validate user IDs and passwords.

1459826769-3c65119f-ac0d-4dc7-a26b-fd4a7b54673b

A toner image forming device for forming, on the basis of input image signals, a toner image on a recording material with a first toner and a second toner having the same hue as the first toner and a density different from that of the first toner. An aluminum model freight train car body is extruded through a die. The write signal satisfies the formula  $T_{fmax} \setminus u2212 T_{fmin} \setminus u2267 0$ . In some embodiments, the communication system comprises a recording system. One or more components, preferably push-out devices for pushing out a movable furniture part mounted in the furniture carcass, are securable to the support element without a tool, preferably in a manner such that they may be snap-fitted on.

1459826769-3e773e80-3bf7-446b-824b-831fa3f4a816

A system for power-saving task processing includes a remaining power detector detecting a remaining power of a battery, and a motion information table defining a relationship between the remaining power of the battery on execution of a task and a plurality of processes for each task. The optical device includes a demultiplexing portion 4 separating TE waves and TM waves of incident light of a wavelength and an optical fiber 1 inputting incident light into the demultiplexing portion 4. The cables may then push both panels forward toward a third position to open a rear opening in the roof. They are deliverable from aqueous solution. The media separator includes a separation roller, a retard roller that is pressed against the separation roller and applies a torque load, and a media offsetting member for feeding the sheet media to a nipping part of the separation roller and the retard roller with the sheet media offset to the separation roller side.

1459826769-a90991d4-50c4-44e4-b0b1-3c90bfeb98c1

An active matrix circuit comprises a semiconductor layer, and a p-type impurity region provided in said semiconductor layer, and an interlayer insulating film comprising silicon nitride provided over said semiconductor layer. In one step, an instruction is decoded. The appliance is automatically designed according to the final design, which also can be interactively modified and approved by the orthodontist, with the computer recalculating the effects on the treatment as a result of the doctor's changes. A second conversation mirror face biased toward the front seat passenger is fitted to the mirror support surface adjacent the first conversation mirror.

1459826769-af49c11b-36b9-4ae2-abec-9d3303e499e9

A fuel cell system includes an intake pipe that admits an introduction of oxidizing gas upstream of an oxidizing gas supply source that supplies the oxidizing gas to a fuel cell, and an exhaust pipe that discharges exhaust gas which contains a vapor generated at an oxygen electrode side through an operation of the fuel cell. The device includes a plurality of electrodes, which are adapted to be placed in contact with the skin and then moved across the skin while maintaining electrical contact with the skin. Information is encrypted using in part the initialization vector for return to a second electronic device if the initialization vector falls within the first group.

1459826769-d24a10ef-9ed9-4c72-aa21-087f3dc76200

A flame retardant resin composition is disclosed. Peripheral blood having mononuclear cells from a mammal is provided. Each die package includes a flash

memory device, and each of the flash memory devices includes bit lines and memory cells coupled to the bit lines. The screen-space pipeline includes a pixel shader and a raster operations unit, and receives cache tile batches from the tiling unit. A sealing member can be arranged on the valve stem in communication with the bolt to prevent compressed gas in the compressed gas storage chamber from entering a forward bolt chamber when the bolt is in the rearward position and to permit compressed gas to enter the forward bolt chamber through the bolt ports when the bolt is in the forward position. Treatment of a polymeric material according to the invention improves the stability and lifetime of a wavelength converting material comprised in a such a treated polymeric material.

1459826770-245eb62d-f6c7-4e4e-b7a2-c3eff5fc35a7

A butterfly damper for supporting a voice coil bobbin of a speaker on a frame in a state that the damper is vibrative. The actuator also includes a substantially moisture impervious and electrically insulating packaging having a cavity around the bimorph providing for a clearance around the bimorph. The output can be configured for either single or dual-axis operation where the geometric shape of the beam is rectangular or square with steep edge intensity. The method comprises determining a thermal denaturation and/or renaturation curve of a domain of the protein whose unfolding leads to aggregation of the protein in a solution. The frequency response of the probe card assembly is optimized by appropriately distributing, adjusting and impedance matching resistive, capacitive and inductive impedance values along the signal paths so that the interconnect system behaves as an appropriately tuned Butterworth or Chebyshev filter. Accordingly, the small-sized memory card 1 can maintain the dimensional compatibility with respect to existing memory cards whereby the small-sized memory card 1 can be used also in equipment which is designed to cope with the existing memory cards.

1459826770-878ed735-c0f9-49fa-976d-6b7715f76808

An LED is an element in which when a voltage pulse applied to the intrinsic diode of an electrical equivalent model reaches a peak value, a current suddenly flows to obtain an optical output proportional to the forward current. The method for fabricating an image sensor device comprises forming a photosensitive layer on a substrate. The first image and the second image may be formed using the same recording material or different recording materials. Processors comprising a range checking hardware feature supported by machine instructions for runtime integer range checking can eliminate the conditional branches generated during runtime integer range checks. The sealing device collects in the plenum some of the cooling air flowing between the outer casing and the inner liner structure. A method of controlling the purge system is also disclosed.

1459826770-b8d339a2-513c-4ee5-b57c-2689ac91175f

An improved system and method is provided for parsing in a distributed directory-enabled environment using an extensible Markup Language application program interface. An Foreign Agent, when a terminal carries out a handover between mobile Internet Protocol Version-4 sub-networks of the Foreign Agent, identifies whether or not a registration request message from the terminal is transmitted from an entry of a visitor list of the Foreign Agent. Compositions and methods for using the compounds as adjuvants and immunoeffectors are also disclosed. The first layer is disposed adjacent the second layer. In another aspect, the present invention provides a printed circuit board, comprising: at least one substrate; a layer of organic molecules attached to the at least one substrate; and a metal layer atop said layer of organic molecules. The compound of the following formula III, which is a key compound for the production of citalopram, can be easily produced by subjecting the compound of the following formula II to reduction and cyclization.

1459826771-0e6bd649-c05a-4dac-9cdf-6b249cf4497a

An RF nanoswitch which can reduce a loss in RF signal. Each measurement head comprises at least one camera which is the direct to a measurement target arranged

in the field of view of the camera and positioned in a well defined relationship to the wheel of the motor vehicle. This invention also relates to a process for removing oxygen from an aqueous system, which comprises adding an oxime and a primary hydroxylamine to a fluid system.

1459826771-78ee1773-6b44-464d-8c0b-3dceb4ea3424

The present invention relates to the field of somatic embryo production, particularly to methods for the regeneration of *Jatropha* through somatic embryogenesis. The dielectrics are annealed to mix them above the NFET resulting in a lowered work function, and corresponding threshold voltage reduction. The first aperture is sized based on an angle between the array and the source, and includes a first subset of sensor elements. The scene features in the first frame are determined by Doppler circle intersections.

1459826771-f28fd807-e220-42ef-8bc0-77de4056f148

A tensioned tablecloth includes a flexible and unitary body with a plurality of monolithically formed sides configured in such a manner to form a continuous perimeter extending about the body. The composition is characterized by the fact that it includes: a bonding agent comprised of at least one photopolymerizable resin, with a viscosity of less than 4000 mPa. The communication interface also includes a device-specific logic in communication with said base media interface for decoding a message-specific semantic of an incoming vibration wave message and encoding a message-specific semantic of an outgoing vibration wave message, such that each of said plurality of devices may correspond in accordance with device-specific and message specific limitations. The second predetermined attack time is longer than the first predetermined attack time. In an embodiment of the invention, the device is intended to facilitate communication of information through intuitive operations and commands. A method of metering fluid through a pipette by connecting the pipette to the pipette dispenser, holding the dispenser with one hand, and controlling fluid flow through the pipette by operating the controller with at least one foot.

1459826772-1af402c7-3213-4e0a-9659-69e3e88b4d24

A fiber orientation verification system includes a sensor and an indicator to identify the fiber orientation within each sequentially laid composite material layer. In one embodiment of apparatus the microprocessor is controlled by a monitor circuit operable with the microprocessor and operated by the variable frequency oscillator. The architecture comprises a bus structure, a Central Processing Unit core, cache, RAM, and ROM memories, and a GPS engine that comprises a receiving, tracking, and demodulating engine for GPS and Wide Area Augmentation Service signals. The tube defines a central volume and the metal conductor extends in a direction through the central volume for a distance of at least one inch.

1459826772-38ef1596-e0f2-48d9-b406-6decbe2e7770

An integrated circuit chip including solder structures for connection to a package substrate, an IC chip package, and a method of forming the same are disclosed. Two resilient hooks and two resisting portions are formed on an inner surface of the main body. Podium lights, buzzers, or other obtrusive signals are becoming less and less effective means of signaling during presentations.

1459826772-3d2fa41a-8deb-4429-9b7e-151df3997037

An organic compound is provided having excellent electron-injection transport performance, hole-blocking ability, and high stability in a thin-film state. Exemplary embodiments can generate a security bypass environment in a computing environment governed by the security application to provide a bypass to the security application. Processes are described that add data associated with a database to increase the accuracy of interacting with the database through a voice interface and create the unstructured grammar for improved voice recognition capabilities.

1459826772-98628d3c-71df-476b-8f4e-20f60d574dfb

A conduit threading device is provided for passing a pull-cord through a conduit by imposing suction at one end of a conduit to draw a shuttle having a zone of maximum diameter that is commensurate with the internal diameter of the conduit and that is introduced at the other end of the conduit, through the conduit. The method includes assigning a priority to a demand record that contains at least one demand attribute and a priority field. A demodulator output digital signal is fed to a base-band signal processor 8 for signal processing, and then fed out through a man-machine interface 9 to the outside. Exterior cooling air and engine exhaust ejected through said engine exhaust opening entrain cooling air through said second duct to said oil cooler, and thus provide engine oil cooling. The outer section includes an outer wall that has a generally rotated parabolic shape, an inner wall that abuts the central section, and a slanted front surface extending between the inner wall and the outer wall.

1459826772-b852772a-6522-43bc-8976-8bdfe4d346c8

Apparatus and methods are provided for controlling synchronous and asynchronous communications in an avionic network. After motion estimation and motion masking for all input frames, the method enters a frame loop within which high frequency information is extracted from the input SR image for each low-resolution input image. The covering structure moves relative to the outflow opening when the stretchable element is stretched. The locking groove has a depth rod not equal to that of the unlatching groove. When the strap is tensioned a force is exerted by the strap on the floating element to force the biasing element against the bias direction. The liner also protects the user in environments where the liner is not fully effective.

1459826773-79bbfaec-b29b-4c1e-945b-861c5548f00a

Systems and methodologies are described that facilitate paging a peer in a peer-to-peer communication network. The synchrotilt chair mechanism is for use on a chair that has a base assembly with an extending pedestal, a seat, and a back. The method and the system solve the problem that a large message mode CPM message cannot be transmitted to a group in the prior art and the user experience is improved. The first electrode is formed on the other portion of the first type doping semiconductor layer without being covered by the light emitting layer. To enter the space through the entry point, an intruder must compromise a door or a window, the tarp, the reinforced webbing and/or the cable which may reduce an amount of time that the intruder may have to perpetrate a crime in the space and/or to flee before being noticed and/or apprehended. According to the invention, the elevation device has a cross-shaped mechanical fastener including at least two opposite arms, which cooperate with clamping means respectively secured to the terminal curve and the outer coil of said hairspring.

1459826773-b126c63e-c482-4b64-906a-a2b9ebcd3a2d

A method for manufacturing bamboo mats which also relates to the use of such bamboo mats including bamboo mats and products manufactured from such bamboo mats. The server-side mechanism preferably comprises a pair of processes: a daemon process and a servlet process. For a five-parallax type, the apertures 12 are rectangles with the same shape and the same area, and under the condition that an opening height is 87 times as large as a sub-pixel height, that is, the opening height  $H_t=87H_{sp}$ , an opening width is set to 2-2. A handheld file is subsequently requested from the installation server. The content sharing application may also provide various spam filtering techniques that prevent users from abusing the system, including restricting the number or type of requests to share content that may be effectuated over time. As a result, since the pulse width  $t$  is within a range of equal to or larger than 3  $\mu\text{sec}$  and smaller than 30  $\mu\text{sec}$ , a high-quality marking pattern with excellent visibility can be formed while improving the productivity of the X-ray film.



1459826774-2833f3da-70e1-44f9-aa66-6f8a22f26b53

A communication interface device, system, method, and design structure for error correcting code protected quasi-static bit communication on a high-speed bus are provided. It is endeavored to improve the efficiency of the piston compressor. A force propagation body intervenes between both force detection parts and the handle. N,N-Diethylhydroxylamine and N,N-dibenzylhydroxylamine and their acid salts are surprisingly effective for this purpose. This device generates backpressures of short duration and slower frequencies approaching the resonant frequency of the drill string, which maximizes axial motion in the drill string and weight on the bit. A user is enabled to specify one or more search criteria that includes image data, and a search result may be determined based on one or more images in the collection that show a corresponding object that has a portion that satisfies a threshold.

1459826774-71fb7857-556e-4cf6-a941-9218d97b2505

The present invention relates, in general, to an water cooled horticultural growing light and a method of using the same. An converging element comprises a central portion and outer portion, wherein the central portion has optimum design plate thickness of 0. The resistance regulating layer contains, as a principal component, an oxide, a nitride, a fluoride, a carbide or a boride. 1, of that of the gemstone; illuminating the gemstone and imaging the illuminated gemstone; and determining the position of inclusions based on images of the inclusions in the images.

1459826774-cff1c5c8-38d7-4e7c-be13-47f4539c9be6

The invention relates to a continuous dry spinning process for preparing a fiber from a polymer solution having concentrations of polymer, salt, solvent and water. A semiconductor sensor die is attached to a first side of a lead frame. There is no color change due to the use of the stroboscopic light and the image having natural color reproduction can be obtained. Thus, the heating-beam generating device can control the laser beam in a sufficient control range, thereby making it possible to record an image on the thermo-sensitive recording medium with high accuracy.

1459826774-f7a08896-edf6-4b94-b1e7-71413abec336

A method of cleaning a semiconductor fabrication processing chamber involves recirculation of cleaning gas components. A plenum may be defined between the band and the enclosure and a discourager may extend from the enclosure. A source electrode is connected to the data line. The rotating member moves relative to the fixed member when said fold down seat back is folded up. A telephonic switch, through which the call placed by the calling party is routed, accesses the index formed by the indexer, located, for example, at a service control point.

1459826775-04de8571-256c-4d48-8ac3-bce75d64fec0

An apparatus for measuring the amount of ink remaining in an ink tank using a sensing module and a detecting circuit is disclosed. Copies of the design application publication with colour drawings will be provided by the Office upon request and upon payment of the necessary fee. A measuring beam is introduced into the total reflection prism from an incident optical system at an angle of incidence causing total reflection and an outgoing beam from the total reflection prism is received by a measuring optical system, thereby measuring absorption by the gold colloid labelled immune complex and carrying out qualification and determination of the antigen. Accordingly, the charge process is completed by repeating the voltage detection and the duty cycle modulation of the control unit. Methods and articles of manufacture are also disclosed.

1459826775-dfeb0123-75ab-4a71-94f8-17a189a49fb8

Methods are provided for producing a plurality of polyhedral nets, creating polyhedrons from the polyhedral nets, and teaching lessons related to math, science, or art using the polyhedral nets and polyhedrons. Ordered media, such as

tabs, are pre-selected into a part for use in a print run and an unwanted part to be discarded. The logical qubits may include two or more physical qubits. However, it could also be a capacitor or an inductor.

1459826775-fc1171a7-9016-464c-ba9d-7455b2c9a596

An automatic door latch is disclosed. The adjustment mechanism includes an adjustment screw, a slider, the cutting insert and the securing screw. Users can send data and/or commands to the directional drilling equipment. The inventive superabsorber is suitable for the preparation of nappies, incontinence articles, water-storage materials and electric cable coverings.

1459826776-01c16230-018d-4c94-b421-923776c0198b

A mechanism for providing thermal compensation when measuring surface topography at an elevated temperature using a non-contact vibration transducer, such as a laser Doppler vibrometer. A sample mixture containing a sample of the use composition, a diluent and at least one reagent is prepared and analyzed using, for example, an optical detector. The received signal samples are then spectrally processed, typically by a Fourier process, to generate a frequency domain data set. of a substantially elongate platelike shape were combined and arranged around the central support section, while being sequentially swirlingly and spirally wound, and each support section was fixed in a laminated condition between inside and outside. The device includes a beam; at least one beam support mounted on the beam; a sensor assembly slidably connected to said beam and adapted for measuring the distance to the surface; and a transducer assembly adapted for measuring the position of said sensor assembly along said beam. A fixing member is arranged on a second end of the releasing member and is mounted in a fixing hole of the electronic member.

1459826776-0e4bc126-b635-4c8f-b7da-e82013c75f3c

Provided is a hair dye composition to be used as a mixture of a first part containing an alkali agent and a second part containing an oxidizing agent, wherein the composition comprises a triazacyclononane compound or salt thereof, 0. A backup server recognizes the secondary volume. Input can be received via the GUI. The chip disposed on the die pad has at least one first contact and second contacts.

1459826776-484b1ed4-48fe-446e-8d7d-300381d48106

A method and a device for continuous, noninvasive monitoring of an extracorporeal blood treatment, a patient's blood pressure or a quantity that correlates with the blood pressure is measured and compared with a predetermined limit value. The signal generator is designed for the emission of at least two signal beams covering in given relationship to each other an area and the signal receiver is designed for the time-resolved reception of the signal beams in such a manner that the generator-receiver distance can be determined from the time signature of the signal beam reception. In the event of a failure of a process, or of an entire monitored node, the monitoring nodes may collaborate to initiate a restart of the processes on the same or a substitute monitored node. All components have circular cross sectional geometry.

1459826776-a068222e-b513-4e57-91b5-2d927df996dc

Aspects of the invention include methods and systems for an electronic financial transaction system with a translation system architecture. The disk is controlled according to the result of determination such that it is rotated at a constant angular velocity or at a constant linear velocity and recording is executed. A slant-convey screw is disposed obliquely relative to an axial direction of the receive-convey screw, and conveys the developer received from the receive-convey screw upward. The transformer includes N2 primary windings respectively connected to the output terminals of the power amplification means and a secondary winding configured such that coil elements are connected in series between an output terminal and a ground, and sums power transmitted from the primary windings. Rank

the at least one media program by the number of microposts corresponding to the at least one media program. A sputtering target includes indium, tin, zinc, and oxygen with only a peak ascribed to a bixbyite structure compound being substantially observed by X-ray diffraction.

1459826777-4a29e897-6ed5-499e-881a-4c208a64af33

An apparatus may include a multi-throw switch having a common terminal connected to an antenna of a wireless communication system. Broadband radiation generated as a result of the plasma discharge to a substrate may be optically coupled to a substrate located outside the enclosure. A default address is provided when there is no address stored in the database for the intended purpose of a mailing. A vacuum can be applied through the first aperture to pull the first membrane towards the first chamber wall and can be applied through the third aperture to pull the second membrane towards the piston.

1459826777-533d2e65-715b-451a-9b9a-76ba7b181bc2

To solve the problem of TCP timeout between NAS head and NAS client caused by the time required for disk drive power on, agent is installed on NAS client and a window size control program is installed on NAS head. The frame body has multiple fixing seats each of which is formed with a passage and an opening through which a fastening strap can pass. Using such structure, larger multiplexer, including priority multiplexers, tristate buses or larger look-up tables can be created.

1459826777-fdabe51a-68d8-450b-947b-157d5abca05e

A memory cell comprises a lower electrode, a phase change feature, a spacer feature, and a dielectric layer. One specific implementation is directed to a process of accessing data in a plurality of addressable banks of memory cells. The data is stored in storage locations that enable efficient data access while optimizing the use of available storage resources with minimum human intervention. The mounting of the compressor is formed on the compressor body and has a mounting hole. Conductive ink compositions can be deposited on a substrate coated with a cure temperature reducing agent to reduce the curing temperatures.

1459826778-0f5f6f07-78d9-4e51-b398-4e62a8925e71

An apparatus and method of enclosing material in a net and supplying a handle for ease of carrying the netted material, comprising clippers, irises, and a handle maker. Contemplated modules include: a state agent that provides at least one of the MILARRS function, and a product agent that communicates with the device using at least one serial interface. A plurality of dies are attached to the first side of the wafer, at least one of the dies are bonded to at least one of the plurality of semiconductor chips. TORC2 is repressed under basal conditions through a phosphorylation dependent interaction with 14-3-3 proteins. Manufacture is further simplified by molding, casting, or thermoforming the lens. The iterative process may involve modifying one of the light intensity images based on a smoothed version of a depth image that is generated from the two light intensity images.

1459826778-3d9f2367-0eea-4d75-8536-2d004ba62679

To control movement of ions in a mass spectrometer, an ion guide has means for generating an electric field along the ion guide, and also provision for generating a gas flow along the ion guide. A part of the membrane against which the fingers press, which part is called the track, is kept in permanent contact with the end of the fingers throughout the duration of the pumping cycle, even in the absence of any tube. The stack of paper is clipped together between said two limbs or by means of projections incorporated therein. The conductive wall can be formed of a tubular member. The toner includes a wax that remains solid at room temperature and melts at a fixing temperature. When the module is delivered to be installed on the vehicle, the striker and the bolt are linked together by an intermediate plate for temporarily indexing the position of the bolt relative to the position of the striker and to facilitate mounting and fixing of the module on the vehicle.

1459826778-8b6d19c0-87ff-4c55-b282-3c6c875e5db8

A vapor trap for detecting VOCs includes a housing, having a first end portion, a second end portion and at least one opening for receiving gas vapor. The porous medium is disposed within the outer layer. A correlation calculating section calculates the correlation value of the estimation error of when the state amount of a system at time n+1 including the original image information is estimated by information up to time n or the time n+1 with respect to the degraded image information of only the time n.

1459826778-b720fc16-7eda-4a93-aff1-5bbcd62da92d

Systems, methods, and devices are provided for embodiments of the present invention to describe a technique that provides an operation region and associated operation region handler to define a virtual device for extending the functionality of an existing operating system. A timing reference, such as a beacon is identified. The sealed, empty containers are subjected to radiation capable of penetrating through the stopper and chamber for sterilizing the container.

1459826779-13f9a075-dd87-4527-b82d-e2dcb32c3198

Disclosed is an environmentally-friendly training hand grenade and a method of manufacturing the same. A computer for this purpose may be a user or host computer, or be built in to the printer. Each detector is arranged to receive unscattered light from one or part of one of said collimated beams and scattered light from one or more other beams. The outlet ports leads out ink into the passage unit. The type of previously-used developing agent that remains in the holding chamber from the preceding developing operation usage is determined.

1459826779-431609db-1e75-4f33-b2be-811fde8cd926

A method and apparatus for a Peer-to-Peer connection between terminals are provided. The optical transmission apparatus allows the continuity test on optical propagation paths of channels including a channel not used at the time of a start of the operation to be made easier than the known techniques. A select circuit is coupled to the receive circuit to select, according to a receive data rate select signal, one of the plurality of samples to be a first selected sample of the input signal and another of the plurality of samples to be a second selected sample of the input signal. The slider includes an air bearing surface that is configured to form a shallow recessed surface and a deep recessed surface.

1459826779-c71acfa0-7d3c-4889-ae27-f517c4570af4

Disclosed herein are a rail system and an X-ray imaging apparatus using the same. Also provided are the hybrid substrate produced by the method as well as using the direct bonding method to provide an integrated semiconductor structure in which various CMOS devices are built upon a surface orientation that enhances device performance. Specifically disclosed is a multilayer film wherein an adhesive resin layer that can be adhered to inorganic materials is arranged on a base film made of a resin. A vent fluidly connects at least one cavity to atmosphere and is shaped to direct debris that can accumulate in the cavity or the belt in a radially inward and lateral direction so as to maintain a desired driving interaction between the belt and the cog.

1459826779-e1ac325f-e40a-45b6-ae3d-48da66857a5d

A solid state illumination system is provided as a replacement for conventional arc light, metal halide and Xenon white-light sources for applications in life sciences including, microscopy, fluorescence microscopy, and endoscopy. In a first embodiment, a first electrode is provided with a second electrode disposed adjacent to the first electrode, and defining a gap therebetween. This system manages the maintenance manuals and other data for each model in a model information database separate from the maintenance database and correlates the two databases based on the model data. Each instance of each data object can have zero or more foreign key

fields, each of which can be used to make reference to the primary key of at least one other data object.

1459826780-31efadd7-0d36-4644-8ec2-1e3b2cdf369d

A procedure to assemble a vehicular transmission from modular components. Upon detection of a first of the fiducial marks, the advance of the side edge of the sheet associated with the detected fiducial mark is repeatedly dithered rearward and then forward while the opposite side edge of the sheet continues to advance. lighting device for operating the metal halide lamp. Further disclosed herein is a method based on the foregoing. In a mounted state, the deflector is nested within the seat and is releasably mounted to the trailing frame member via the clip. A preferred motif has the sequence His-Glu-Cys-Gly-His.

1459826780-537f8792-4e50-4ac2-859b-3b13f5657f16

Methods of making metal-terephthalate polymers from a polyester ethylene terephthalate or terephthalic acid produces high yield and high purity reaction products for a range of metals. The power supply includes a housing with an electrical connector, a circuit board, and a removable electrochemical cell disposed therein. During down operation mode, the operation is similar to the up operation except that the voltage polarities connected to the each end of the load is reversed. The golf tool retention clip has opposing panels with are coupled together and which side onto the brim of the hat with the golf tool positioned on the upper surface of the brim while the ball marker positioned on the lower surface of the brim.

1459826780-563f72d8-6fbd-47e3-abf5-a0cb6997edb9

A method of scheduling upstream bandwidth. The rubber composition is essentially composed of a rubber and a layered mineral filler treated with short chain alkyl ammonium salt. An oral composition or aerosolized formulation comprising the nanoparticles of the soy isoflavone prepared by the method of the present invention is also disclosed herein. The two rod portions are inseparable in event of the fusible zone breaking by a cylinder coaxial about the axis and secured to the first rod portion, and having an end wall through which the second rod portion passes.

1459826780-b8bba7f9-a0cb-4910-8f9e-da6a8e40e59a

A modular BIOS update mechanism provides a standardized method to update options ROMs and to provide video and processor microcode upgrades in a computer system without requiring a complete replacement of the system BIOS. The limited region may be defined by a nanometer-sized aperture in the membrane. The servo controller 17 drives the rod 11 under the position control mode and determines whether the load for pressurizing Pm that is detected by a load detector 13 is bigger than or equal to the load for stopping Ps. Applications include telephone terminals using the Internet protocol. Inbred maize lines derived from inbred maize line PHDPP, methods for producing other inbred maize lines derived from inbred maize line PHDPP and the inbred maize lines and their parts derived by the use of those methods.

1459826781-39d2b9ce-f388-4e1b-bca8-768a752477ce

An injection molding machine estimates a check valve wear amount, making it possible to predict a check valve use limit. In response to user login requests, login access is controlled by providing multiple users login access to plural electronic devices capable of communicating via the communication system. Release of the DIR to the second device requires permission from a device or entity that may be different from the device or entity attempting to access the relying party. 15 mm in range with respect to a raceway member when cut along a direction perpendicular to the axial direction of the raceway member in a state attached to a moving member.

1459826781-6a4e7442-e651-4646-b6a1-19fcd77e2399

A stress buffer and dopant barrier in the form of a TetraEthylOrthoSilicate film is

deposited after the capacitor cell plate has been etched and cleaned to thereby eliminate electrical shorts from the bit line to the cell plate. The system is configured to decode compressed video data using an MPEGH. The search window specifies a region to be searched to identify edges for use in defining a border for the image. Therefore, a problem of wasting resource elements or not being able to implement mapping can be solved by applying a simple mapping rule while mapping symbols of the PCFICH. The connecting member is connected to the cylinder, and the shaft extends through the cylinder and is received in the receiving part of the base.

1459826781-e3720a31-44fe-4c27-8b64-c2e41ecb9817

Disclosed is a support apparatus for a washing machine. The system generates an identifier for the instance and associates a new near object with the instance, wherein the new near object points to a class specifying behavior for the object. A core is mounted in the interior of the handle housing, the core having a longitudinal slot therethrough. Each penstock has one or more hydroelectric turbine generators installed therealong. The mobile station may use the country determination to help select a preferred network or to enable a location based device feature. A locking device releasably connects to and operationally interacts with a flange of the taper lock screw.

1459826782-a18906f9-4562-44d3-80d0-595989fe12f9

Embodiments provide a vertical external cavity surface emitting laser that may provide a uniform current density in an active layer using a double current injecting channel. The membrane is sealed in such a manner that all fluid must flow through the membrane between entering the inlet and leaving the outlet of the housing. Such detection device and method may be comprised of a sample collection area on which a sample of food, after being mixed in a solution, is placed for example on the substrate of a biochip that includes an enzyme that along with a co-enzyme or form of energy or catalyst, facilitates the conversion of either acrylamide to acrylonitrile or the conversion of acrylamide to ammonia.

1459826782-d513bd75-53c8-4427-a8a6-2d7054477f62

A system and method employs standard DECT hardware adapted for use in the Industrial-Scientific-Medical Spectrum wherein a Frequency Hopping Spread Spectrum, multiple carrier, time-division-multiple-access, time-division-duplex technique provides wireless communications over the ISM Spectrum while employing standard DECT hardware. At the time of engine starting, after the hydraulic pump is driven by the hydraulic pump driving motor while the crank is stopped in the first engine-starting mode, and then the crank and the hydraulic pump are driven by the starter motor in the second engine-starting mode. The suspension is then granulated by spray freeze drying, and the freon subsequently removed by heat treatment. A second housing arm contains an intermediate gear, a transmission device, and a pick roller. Then, the possible spots found are assigned to a specific trail.

1459826783-063b6929-9480-4aad-93ec-a3e4e02e0c29

A power supply system is provided. The device includes a mini-hopper sized to hold the correct amount of mortar, a sluiceway, dimensioned to fill the normal joint space between blocks, an optional divider to accommodate both 4 inch and 8 inch nominal blocks, and a vibrator. In one embodiment, initiating a lock operation may include sending a lock command to the target volume. The product includes instructions to access a linear text of a business object, the linear text including attribute data from the business object. Those resources may be disposed locally or remotely with respect to the CPU.

1459826783-11bf660f-dbe2-49f0-89a2-5b9ad4e8d310

A method of manufacturing a semiconductor laser chip has following steps. Standard PCM data packets are mapped into and disguised as standard European HDSL formatted data. The sample device may be positioned to a receiving component such as an

injection valve of an instrument by movement of the transfer needle.

1459826783-a0a9e57a-5db1-43bb-b0f8-896e90a37ae5

A white LED lighting device driven by a pulse current is provided, which consists of blue, violet or ultraviolet LED chips, blue afterglow luminescence materials A and yellow luminescence materials B. A resume key is returned to the client that allows the client to request a duplicate handle to an open file. An installation instrument is also disclosed for removable attachment to implant and engagement with the rotatable insert to selectively permit rotation between the insert and the support body.

1459826785-1e3fba3d-e3c9-46c8-b9d4-4b8c31f040be

The present invention relates to an organic-inorganic composite comprising bacteria and transition metal oxides and a method of manufacturing the same. The receipt and processing of the data is independent of whether the main computer system is in a powered-up state or powered-down state. In one implementation, the clock can be positioned at a region close to a hinge of the corresponding temple, with the clock facing inward towards the user.

1459826785-45e91998-1828-4425-bcea-c42a9ee2b5b8

An exercise device for strengthening the muscles of the pelvis, particularly the collective group of muscles involved in human sexual response, which are also important for controlling the evacuation of the intestines and the bladder. The suppression architecture uses the field established by coupling the metal structure to the lowest potential voltage to steer the charge away from the critical field and keeps non-local charge from migrating to the \u201cbirds-beak\u201d region of the transistor, preventing further charge buildup. The processor is programmed to receive a job to be executed, as well as a selection of one of the plurality of devices for executing the job and a transfer cost for transferring the job from the selected device to each of the plurality of devices.

1459826785-81a0a001-62a8-4658-bbbe-7a292ab39db9

A method for roughing surfaces and edges of concrete casted blocks, comprising a block support surface having a plurality of surface sections. The closure device includes a first and a second interlocking fastening strips which are arranged to be interlocked over a predetermined length, at least one of the fastening strips having a surface alteration providing visual confirmation of occlusion of the closure device. The embodiment of the disclosed method also includes transforming the parking lot data into parking lot information, the parking lot information including information about a moving parking lot object. The recliner link is arranged to engage or disengage the pin based on rotation of the seat assembly. The system further comprises a power supply and a controller. The method then sends a request for eye-scan authentication from the mobile endpoint device over a network, wherein the request comprises the first retinal image.

1459826785-d55527e9-68fe-4e0a-9b86-fbad26d4551b

A caddy for storing diamond polishing pads used by grinding machines holds multiple containers in a rack in a case. Wind speed information is presented as a planar representation of three-dimensional wind speed data using contour lines, delineating areas with a planar location in the three dimensional data, overlaid on a geographic map display either alone, or in combination with radar reflectivity information. The methodology includes creating a CAZAC sequence, truncating the CAZAC sequence into a plurality of segments; and transmitting each of the segments within a predetermined window of time.

1459826785-db8e21d2-37a2-4673-b1e7-8ea456fd5175

A silicon-on-insulator memory device using negative differential resistance elements is disclosed. The network is monitored by a network computing device. A rapid and sensitive test is provided with significant advantages over the Ames

test. An elastomeric sealing element is disposed between the cap and the socket so that when the cap is in the fully seated or sealed position, an substantially or completely airtight seal is created to prevent the contents of the container from leaking out.

1459826786-91e82c2c-f7a6-4ada-a93a-1cedb9f78836

A fishing lure system comprising a hard-body lure that exhibits lateral motion when pulled through water, a trailing lure, and a flexible linkage for translating the lateral motion of the hard-body lure to lateral motion of the trailing lure, the flexible linkage having a first end connected to the hard-body lure, and second end connected to the trailing lure. The coater or applicator includes a smoothing doctor on the web and downstream of the one or more rolls, and may also utilize humidity from one of steam showers or a humidity enclosure to assist smoothing. Pre-cached queries are also distributed into multiple partitions to apportion work among multiple computing machines to further enhance performance and provide redundancy in case of the failure of any particular partition. The composition with the filler can then be melted at the reduced melting temperature to manufacture an article. The present invention further provides a flame stabilizer structure that is adapted as a standing pilot for relighting the burner port area in the event of extinguished flame. The preferred FPA in visible is a CCD.

1459826786-b1b3bdbb-5b86-40d1-ad53-4012935af678

A motorcycle construction permits a rider to assume either a first, elevated crouched racing position, or a second lowered, reclined, feet-forward \u201ccustom chopper\u201d position. A plurality of concavo-convex parts is provided on a surface of the fixed contact that faces the movable contact. Associated therewith is a server including a plurality of server data sets stored thereon.

1459826786-e8f2417c-8892-498d-be4c-e42812274022

A disk drive includes a base, a spindle motor attached to the base, the spindle motor including a hub having hub apertures, a plurality of disks on the spindle motor and including a first and a second disk, a disk spacer between the first and second disks, and a disk clamp. An example mechanism includes an arced, resilient keycap, the arc of the keycap having a first central arc angle when un-pressed. The substrate area useful for integrated circuit fabrication is also increased. Each of the exhaust mufflers is opened at an end thereof. The adjustable drive socket provides advantages over the prior art including simplified construction, convenience of use, durability, effectiveness, and cost and weight reduction through the elimination of a plurality of sockets having fixed sizes.

1459826787-129b9821-1ce0-48af-88bd-d7cccd77a43a

The present invention provides a system and method for filing and closing of flight plans. The received packets are acted upon according to outcomes of the classification; and the flow state information is updated according to actions taken on the received packets. The signals are separated by an inbound detector at a receiving end of the network.

1459826787-12d75a53-af1c-4337-a6e4-6d339bb21a89

A device and method for dc isolation and level shifting includes a driver circuit powered by a first voltage range, a capacitor connected to the driver circuit, and a latching circuit connected to the capacitor. The pegs can be locked onto the board to support either a weight placed thereon or a side-ways pressure applied thereto. The invention summarizes and performs text clustering on the summaries to produce classifications. Furthermore, the reference entity pricing model decouples the borrower from the entity issuing the debt and eliminates rating inflation due to digital discontinuity.

1459826787-7ae99ea7-0234-4515-a6cf-ce131494b6f9

Systems and methods of distributing, dispensing and validating game tickets provide



for the use of radio frequency identifiers. The load cup includes an improved substrate edge sensing mechanism to ensure a substrate is present and correctly positioned in the load cup for transfer to a polishing head. In one embodiment, the digital image and the audio description are received from a mobile phone. If the first threshold is exceeded, timing control logic may generate a low band correction pulse to adjust the power converter output voltage, and thereby adjust the error signal to a level within the first threshold. The disclosed method and apparatus are particularly applicable to light assemblies incorporating an array of LEDs.

1459826788-2a361285-0ca5-4915-96b2-17f8b8a61b88

Low-pressure screw compressor provided with a rotor housing with an inlet side and an outlet side, and enclosing two rotor bodies including shafts and screws mounted on the shafts. The highpass filter unit 116 supplies the reference voltage to a node to which the light reception signal  $\text{\u201cSs\u201d}$  is output, and the processor 110 counts the number of pulses included in the light reception signal  $\text{\u201cSs\u201d}$ , and calculates the speed of the operation article 3. Methods of use of the polymeric and pharmaceutical compositions for therapeutic and/or prophylactic benefits are disclosed herein. The anvil member includes a swage cavity with an entrance section, a swage land located adjacent to the entrance section, and an inner bore located adjacent to the swage land.

1459826788-930c23b9-250b-44a4-8dd4-0212cedf13ea

A random number generating algorithm is seeded with an unpredictable number. The invention provides a consumable gelatinous nipple where the gelatinous nipple may also contain a nutrient. In order to accomplish the above mentioned object, the present invention provides a semiconductor light emitting device comprising a light emission layer, consisting of a GaN system semiconductor, which is interposed between an n type GaN system semiconductor layer and a p type GaN system semiconductor layer, wherein there is provided a Ga-doped MgZn<sub>1-x</sub>ZnO electrode film. The mixed liquor of the membrane bioreactor is comprised of an enriched culture of nitrifying bacteria.

1459826788-dcf3dc32-c4bf-4252-b15f-5759e0d0325f

The present invention relates to a device in a load carrier for vehicles, which load carrier is intended for roof-mounting. Primary amines are directly acylated by equimolar amounts of alcohols to produce amides and molecular hydrogen in high yields and high turnover numbers. Wherein, a carrier identifier which indicates the carrier on which the HARQ failure happens is carried in the HARQ failure indication data frame.

1459826788-f1e181b7-cfc6-4fe3-b8b8-c4b7c4308012

The stop ring having a surface nearly vertical to the rotational center axis, which is projected at the inner periphery of the hollow cylinder of the rotor section, and the stepped surface of the fixed shaft secured on the chassis are opposed to each other with a predetermined slight clearance provided therebetween. The server configuration information contains stored information about the configuration of each EGM. Small arms ergonomics can be improved by providing a better cheek weld via an ergonomic attachment.

1459826788-fb56a222-c3d6-4190-98e6-0952e61e1f5c

A liquid crystal display array substrate and its manufacturing method are provided. A hybrid of dielectric defined and non-dielectric defined electrical interconnects reduces the potential for electrical interconnection failure without having to control the dielectric defined interconnect ratio of substrates. The conical ring structure has an axial distal end with a larger diameter than its opposite end for engaging a flat annular surface on an adjacent structural member to form the seal. The locations and predictions determined on the basis of the model geometry are used as a basis for defining projected or most likely locations for the position

markers and an automatic position markers identification method is applied for finding the locations of position markers from within a search area in the X-radiographic information. The cardiac output analysis module is configured to determine a change in cardiac output using the ECG axis change information.

1459826789-703c93d0-8ca4-4300-aa7d-ceb7b45178a6

Disclosed are replaceable cleaning pads capable of delivering a bleaching agent and a detergent composition to surfaces being cleaned. The worktable is movable on the machine frame along a first horizontal direction, a second horizontal direction perpendicular to the first horizontal direction, and a vertical direction. The extension portion of the advertising page is contiguous with a part of an unbound side of the page portion that is adjacent to the binding side and has an inner side that is spaced from the binding side of the page portion.

1459826789-b9538906-4f34-4ca2-859d-8ac3528fa608

A manufacturing plant is provided for vehicle body parts. The application buffers are used for storing data transferred on a socket established between the network application and a remote network application executing in a remote host system. There is provided a display device including such a power module. The cover includes a three-sided opening. The lock mechanism may have a cushioning mechanism to prevent a hard stop.

1459826789-c2329662-95a8-4aed-b941-b4f48253d8a5

A generally C-shaped frame portion having upper and lower generally horizontal arms and a generally vertically positioned connecting member partially surrounds a camera receiving space. The crankcase lubricating system includes filterless lubricant circulation system, and a crankcase lubricant containing a fully formulated lubricating base oil meeting or exceeding ILSAC GF-4 or API CI-4 minimum performance standards for engine oils. This thermoelectromotive force is detected from a change of a voltage or current appearing between the anode and cathode of the chip 1 and displayed at a CRT to thereby detect defects inside the crystal. The slurry includes a fluid and a plurality of elements. A passthrough includes one of the plurality of nodes, a directed edge of the plurality of edges coupled to the one of the plurality of nodes, and another edge of the plurality of edges coupled to the one of the plurality of nodes.

1459826790-1e7698d8-b36f-450c-addd-e01690b53317

A panoramic display system includes a curved projection screen, a panoramic projector, and a substantially conically shaped barrier. The invention also features polynucleotides comprising the full-length polynucleotide sequences of the novel genes and fragments thereof, the novel polypeptides encoded by the polynucleotides and fragments thereof, as well as their functional equivalents. The structure of the present invention is less lossy than prior waveguide structures having photonic band structure regions. The microphone and the speaker have directivities opposing to each other.

1459826790-48d386a0-4f9c-4e2c-b47f-3751245f007f

A winding and time-setting control device for a timepiece movement including, connected in rotation, a movement stem secured in rotation to a sliding pinion driven in translation by a lever between winding and time-setting positions, and a control stem sliding between winding and time-setting control positions, actuating a pull-out mechanism. A database residing on the programmer contains patient information obtained by at least one implantable medical device. At the same time, by performing a number of functions, such as media transcoding and a portion of call processing, it reduces the processing requirements of network border elements. A casting bracket includes downwardly extending reinforcement members and a handle portion interconnecting opposite ends. Each backing magnetic coupler can be coupled with the measurement magnetic coupler for coupling the measurement carriage with the backing carriage.

1459826790-4aeb7078-5742-471b-ac74-31c76030f985

A laminated product is provided including a carrier sheet, a polymeric film ply, a polymeric card ply, and a radiation-curable laminating adhesive. When the pump device and the removable controller device are removably attached to one another, the components may provide a portable infusion pump unit to dispense medicine to a user. The MM core is configured with a refractive step-index profile which includes a continuous dip configured to shape an intensity field of the fundamental mode from a Gaussian or dome-shaped field profile to a two-peak-shaped profile and back to the Gaussian field profile.

1459826790-866dfefd-d0fb-4eb0-ac5b-22a67c2fe81f

A method and apparatus for managing spare partition units in a partitionable computing device is disclosed. The liquid crystal display device of the invention has a structure in which the whole inside of the second seal frame including the insides of the first seal frames of the array substrate is filled with liquid crystal by a liquid crystal dripping method and thereafter the color filter substrate is stuck on the array substrate. performing a first delineation step on the actual radiation region. The one or more alignment features are configured to contact the image sensor package to mechanically align the lens holder with the image sensor package. The one ends of the one or more electric wire are electrically connected to at least one of a power line pattern, a GND line pattern and a signal line pattern of the circuit body. By providing an objective standard to evaluate sensitivity properties of an interior material used in vehicles, the present method eliminates the difficulty in communication between customers and manufactures and quality control regarding the sensitivity grade of interior materials used in vehicles.

1459826791-002b18fb-6abf-44b6-bc01-bcbda9762d7e

A method and system for booting a user station in a computer network in which a first set of operating system information retrieved from the user station is used to attempt to boot the user station from a remote server. The seal assembly provides minimal leakage of core airflow when the airflow is turned and diffused by the diffuser section to increase the engine operating efficiency. The first area is formed above a reticle having formed thereon a pattern that is projected onto a material to be processed in order to form an image of the pattern on the material to be processed. The operating system code protecting the domain code, executing at the second protection level, from the user code, executing at the second protection level, by context switching between the user process context and the domain process context. Said compounds particularly act as immunomodulating agents. The modified HTTP message is then sent to one of a customer browser or the browser of a collaborating agent collaborating with the customer or both, and the embedded program is executed and predetermined information is displayed.

1459826791-6a38cf44-ff79-41af-b050-899fbed00ef6

A system and method of pre-buffering media files may be employed to improve the initial playback performance of a media file.  $\theta$ , an HLMI of from 1 to 100 g10 min, and a density of from  $\theta$ . In one embodiment, a transformation is used to evaluate a ratio of the two measured signals in order to find appropriate coefficients. The second luminescent layer has a second luminescent conversion element which has an excited efficiency lower than that of the first luminescent conversion element.

1459826791-8d2cef3e-e17a-4c40-bf07-0a53e9316e7e

A hybrid wellhead system for a hydrocarbon well, having a wellhead supported by a conductor; an intermediate head spool secured to the wellhead by a hammer union; and a tubing head spool secured to the intermediate head spool by a hammer union. An attaching/detaching mechanism which brings the transfer belt into and out of contact with the photosensitive drums, based on a number of black and white pages to be or which are printed. Each bit comparison circuit includes first and second

transistors connected in series between the wiring and a power supply line and third and fourth transistors connected in series between the wiring and the power supply line. It is also contemplated that the sun visor has a combination slider and detent slidably supported in channels molded into the first and second visor shells. Alternatively, the case is combined with the bare cell by being fixed to the protection circuit board so as not to be separated from the bare cell, thereby improving the reliability of the products. The technique includes selectively disabling ports of the physical machine associated with the link aggregation group in connection with the network booting until a driver of an operating system to group the ports together is installed on the physical machine.

1459826791-a6e22192-dce1-44fd-a913-d467321747c3

A beam line ion implanter includes an ion source configured to generate an ion beam, a scanner configured to scan the ion beam to produce a scanned ion beam having trajectories which diverge from a scan origin, and a focusing element having a focusing field positioned upstream of the scanner configured to focus the ion beam to a focal point at the scan origin. The system may include an RF tag coupled to the asset; a wireless wide area network including a plurality of transceivers and having a first coverage area; and a plurality of wireless local area networks. A block protrudes at one side of the opening.

1459826792-07528d4f-db39-49cb-9427-8382baadd126

A method of manufacturing a complimentary metal oxide semiconductor image sensor. A flag is utilized to differentiate when the pixel is in an idle period and when the pixel is in an integration period. With the embodiments of the present invention, upon detection of an input operation, a window control operation can be performed on at least two opened windows to change the sizes and locations of at least two opened windows simultaneously.

1459826792-2c7b1bb0-0212-4894-af04-6ce414b7f7c0

Packet routing via payload inspection at routers in a core of a distributed network for use in distributing content according to quality of service guarantees. A plurality of nozzle assemblies is arranged in an array on the substrate and is the product of dielectric and metal layers deposited on the wafer substrate and etched, such that the wafer substrate and layers define ink inlet apertures. The software package may include one or more components and each component having zero or more sub-components. The circuit substrate has an end-sealing property and through holes are bored opposite the signal and scanning electrodes. The electronic controller can release the normally open valve in response to the unsafe condition.

1459826792-668ba845-0388-4394-9b51-8627d532d016

An apparatus for one of substantially minimizing damage to and loss of earbuds when not in use. Here, the optical head part has a spatial modulating unit which spatially modulates light from a light source, based on pattern data, and an optical path corrector which shifts the route of light spatially modulated in the spatial modulating unit at precision subdivided more than units of spatial modulation in the spatial modulating unit. 5 ins at 1000 psi and show no pressure slope break up to 8000 psi. The resealable tape and the releasable film coupling arrangement permit repeated removal of the pouch from the body-side mounting wafer and repeated resecurement of the pouch to the mounting wafer.

1459826792-80d02fa1-3aeb-4ed9-a7ec-ffb37725d847

Devices, systems and methods for shielding a person's neck and head are disclosed. The preferred embodiment of the composition of the present invention includes a small percentage of palladium and a reduction from typical percentages of copper found in a sterling silver alloy. The plurality of elevators which are managed as a bank are divided into a plurality of groups according to the distance from the hall call registration device. The method also includes displaying a search result based on the weights chosen by the user. Similarly, the CTI adjunct enqueues agents in

agent queues of the CTI adjunct, but also causes agents that have call-handling skills to log into and to be enqueued as ACD agents in ACD agent queues of the ACD system, whereby the ACD system and its MIS provide ACD features to the agents.

1459826792-e802328e-25ab-4759-b956-2d986690a3b9

Pliers for crimping work pieces include a pliers head, a first pivot jaw and a second pivot jaw. The tool has an elongate housing containing a pneumatic motor. The conductors have second ends opposite to the first ends and serving as connector terminals of the connector.

1459826793-1c6980d6-5cdb-4caa-a560-10d90ee3a276

An image reader includes: a conveyance path forming member; a conveying unit; a reading unit; and a pressing unit. The synthesis techniques allow identification, quantification, transcription, translation, and manipulation of portions of the gene sequence represented as 0's and 1's in a computing system. The decompression engine extracts the compressed instructions from memory or the instructionsdata cache using a bus compression technique to save power as the compressed instructionsdata traverses the bus. The hydrogenated disaccharides make it possible to obtain an excellent compromise between retardation, plasticity and the mechanical properties of the mineral binder.

1459826793-4d7135a4-1b48-4cbe-a2a7-7041617e24c5

An optical compensation film comprising a light absorbing layer capable of absorbing at least light of wavelength  $\lambda$  nm in the visible light region is disclosed. A number of pixels corresponding to a desired resolution for encoding the image is determined and the image is converted to a modified image having the desired resolution. The display controller then derives a composite color subfield including a plurality of common composite color intensity values assigned to respective pixel blocks. A central authority is used to synchronize and authenticate both source and destination users with constantly regenerated dynamic authentication keys.

1459826794-359e6e6f-4533-48b1-89db-abc63bf87401

A xerographic marking device includes an intermediate transfer unit, a media transport path and at least one two-color image-on-image drum module. A second voltage divider includes a third resistor having the first resistance coupled to the positive voltage potential in series with a fourth resistor having the second resistance, and a fifth resistor having a third resistance and coupled to a negative voltage. During performance of a database operation that involves the transfer of data from the second machine to the first machine, data in the first segment of memory is buffered in response to the second machine writing the data to a second segment of memory on the second machine. The first one of the at least two hinges being secured to the predetermined side adjacent one end thereof and a second one of the at least two hinges being secured to the predetermined side adjacent a radially opposed end thereof. The vessels are closed by means of a surrounding, clam-shell type locking seal mechanisms. The methods and devices use integrating AD conversion and are characterized in that a reference voltage used for the AD conversion undergoes polarity changes synchronized with the polarity changes of the supply voltage.

1459826794-460c56d5-566c-4142-8aa0-0848aff9acf9

A floor position detection device of an elevator system includes a first sensor unit having a first Hall sensor and which is provided to detect at least one floor position characteristic, and an evaluation unit which is provided to evaluate the floor position characteristic for generating a floor signal. The turf reinforcement mat is preferably produced by needle punching a fibrous mat containing low melt temperature thermoplastic fibers and a lofty polymer grid followed by heating to an elevated temperature to fuse fibers of the fibrous mat to strands of the lofty polymer grid. The attraction may be between annularly adjacent ones of the

structures in the annulus, and it may be provided, for example, by magnets or springs. A high resistivity N type second epitaxial layer is then formed on the first epitaxial layer.

1459826794-84de6b70-0512-4fff-b368-337c7a7afc5d

A medical skin applicator apparatus includes a fluid housing having a fluid chamber for storing a medical agent and an applicator coupled to the housing. The device should efficiently, and without harm or discomfort to the user, be able to pinch the tightly drawn scalp of the user, thereby squeezing the sebaceous glands and improving oil production. The system and method also includes a counter embedded in the memory configured to monitor the number of times each block of the memory has been written. 5% by weight of a monographed polyol, borate calculated as the borate equivalent of 20% by weight of boric acid relative to said polyol, from about 0. In some embodiments, the compound high k dielectric material comprises an admixture of TiO<sub>2</sub> and HfO<sub>2</sub> and further comprises a dopant of Al<sub>2</sub>O<sub>3</sub>. A first aggregation element is coupled to the storage device and the controller, where the first aggregation element is coupled to route access to the storage device between one of a first network and a first transceiver socket, and where the controller controls the first aggregation element.

1459826794-87069529-414c-46c4-bd3e-97e2ded7c257

A toner for developing electrostatic images in a single component development system free of carrier and including emulsion aggregation toner particles of a styrene acrylate polymer binder, at least one release agent and at least one colorant, wherein the toner particles have a volume average particle size of from about 5  $\mu$ m to about 10  $\mu$ m, an average circularity of about 0. The transmitter further includes a temperature sensor for detecting the temperature of said transmitter, and a temperature correction circuit, including a look-up table, responsive to said temperature sensor, for adjusting said projection arrangement in dependence upon offset grade values that are stored in said look-up table for a plurality of transmitter temperatures. A method may detect, by a sensor, characteristics of a driver; determine, based on the detected characteristics of the driver, whether the driver exercises sufficient supervisory control of the vehicle; and provide a series of one or more prompts, wherein each prompt's intrusiveness is related to the determination of whether the driver exercises sufficient supervisory control of the vehicle. The corrector circuit further includes biasing means for providing a biasing current to the transconductance circuit.

1459826794-c9f571d9-5c0f-4345-a2d8-b5c098908312

An organic electrolytic solution containing a lithium salt, an organic solvent, and an oxalate compound, and a lithium battery using the organic electrolytic solution are provided. The apparatus includes a cathode target, a plurality of anodes, a transiting device, a pulsed arc discharge device, and a pulsed laser device. A second portion of the contact strip is optionally wrapped around the lead body. When two modules are fitted into each other, the bore holes of one module are aligned with the bore holes of the other module on both sides of the unit thus created.

1459826794-cd98d53f-a63f-487b-a7f3-5aab7be8bda3

An electronic control for an air conditioning system is provided. In certain embodiments, the frozen particles include materials at low temperatures. A second radiator is disposed on a second predetermined area of the body.

1459826795-67975ddc-6335-47d0-9cc3-ee55b6151f9a

A method of cleaning a low dielectric constant film in a lithographic process includes providing a dielectric film having thereover a resist composition, the dielectric film having a dielectric constant no greater than about 4. The information may comprise a telephone number of the called party and the call may be

forwarded along with the information, so that the third party can provide a telephone service. At least a portion of the body is formed from a radio wave penetrable material so that radio waves may pass through the body. Within a short time after reaching the download time, the host pushes download data to the remote devices by broadcasting the download data.

1459826795-6a911448-2ccd-4395-a4bb-249ff26eaa9c

In an example embodiment, a method of presenting marketplace listings is provided. A plastisol composition containing the viscosity modifier and a polymer. The use of a metal or a polymer material to form sacrificial layers has several advantages over the use of zinc-oxide to form such layers. The closed surface is hermetically sealed by fusion-welding to a depth of penetration equal to or less than the predetermined depth of the sealed ligament to minimize or eliminate expulsion of contaminants in the sealed ligament.

1459826795-dc822174-c2a3-45a5-b023-5fe2581b5894

An improved contacting-type conductivity measurement system and method are provided. In a second embodiment, the invention relates to an arrangement for operating a plurality of terminal devices on a common transmitting antenna and on a common receiving antenna which is separate from the common transmitting antenna with a coupling network comprising a separator which is associated with the respective terminal. The mux output is connected to a blanking interval circuit, which is triggered to begin timing a blanking interval by a multiplexer output transition. The reflected light is measured by the photodetector. The driver is operable to activate and de-activate the wordline. The first end of the single flexible flap is associated with the fixed portion of the flap so as to remain at rest during an exhalation, and the second end being associated with the free portion of the flexible flap so as to be lifted away from the seal surface during an exhalation.

1459826795-e4f7708c-2bc2-4bb4-a92a-65f843e6c396

A structure for a bicycle frame system is described by using multiple composite tubes bonded to one another, wherein apertures, or \u201cports,\u201d are molded between the tubes to improve the stiffness, strength, aerodynamics and comfort of bicycle frame component. The composition is obtained by mixing constituents essentially comprising a polyol prepolymer, a plasticizer, a polyisocyanate monomer and a pulverulent solid charge comprising at least one nitro-organic explosive. for ranking search results, often use a sequence of decision trees involving decision nodes based on threshold values of features.

1459826796-236bdd13-8dbb-400e-998e-ea2e20d03c2b

An electronic device for distorting sensitive information in one or more electromagnetic emanations from the electronic device is disclosed. A vacuum pump discharges air in the first work area. A display device that utilizes such method is also presented.

1459826796-4744fc2b-f4ef-404a-9d8d-25151bf71dfa

An MRI imaging system provides an audible feedback signal in the gantry room triggered by a physiological sensor on the patient. The capacitor forms a wound metallized polymer film in the shape of a closed path ring. The correct alignment correctly represents a phrase that the speaker uttered. One of the rhythm patterns is selected, that corresponds to the retrieved characteristic data. A plurality of protruding pieces for restricting tilting by making contact with the pressure-receiving member is provided to the internal surface of a cylindrical part of a rotor that engages and integrally rotates with engaging pieces of the external periphery of the engaging body.

1459826796-c22c8823-3695-447a-ac00-abeb6b6b9031

A magnetic sensor using efficient injection of spin polarized electrons at room

temperature can be fabricated by forming a semiconductor layer sandwiched between ferromagnets and forming  $\text{p-doped}$  layers between the semiconductor layer and the ferromagnets. The handle has a hollow interior region having a motor and an electrical power source. The systems and methods provide advantages because the need for muxnode units is eliminated, the cost of the node units is reduced, the amount of optical fiber is reduced and the reverse bandwidth is increased. Because the program stored in the transfer program storing region is installed by users, no on except user can read or rewrite the program.

1459826796-e2d96637-f618-42e1-9d0a-2a069ec54d0f

A new and distinct Clematis cultivar named  $\text{UNAI 001}$  is disclosed, characterized by good resistance to normal diseases and pests of Clematis, continuous flowering from May through September, with flower buds continuously produced from the leaf axils. A partition divides the interior of the at least one separating container. The round trip signaling time and timing ambiguity between a wireless terminal and a satellite base station is substantially greater than with a terrestrial base station. The sensor further includes actuator for driving the first proof mass and the second proof mass into oscillation along a drive axis in the sensing plane.

1459826796-ff68d1ed-83a4-46fa-a25f-de40fe9032ac

Assume that the position of a sun visor main body is adjusted by an occupant when incident light having the incident angle  $\theta$  has entered a vehicle passenger compartment. The projector is arranged to direct a virtual image into the end of the rod, directly or via mirrors, the light travelling along the rod via total internal reflection. Each optical fiber in the fiber faceplate is of limited aperture to control the tendency of light to diverge and to increase the resolution capabilities of the sensor assembly. Then, if not acknowledged by a local monitoring station, the PLB increases its transmission power, enabling access to a remote monitoring station. In this case, plural notches are formed in the pivot portions, and outside dimensions of the pivot portions may be elastically expanded and reduced. In other embodiments, processing of different frames is interleaved.

1459826797-5d83722b-ff88-4220-b167-31d69ce9c91a

Methods and apparatus are provided for transmitting a Hopping Pilot Beacon in a communication system. The underside of the mounting bezel includes at least one blind hole or projecting mounting stud for receiving a fastener for securely mounting the fishing rod holder to a panel member of a marine vessel without penetrating the exposed upper surface of the mounting bezel in order to provide an aesthetically pleasing appearance. Further, a developing solution is supplied onto the wafer during the estimated stopping time of the development so as to stop the development. The S1-S3 pair yield a point on a Frank Starling type of curve, and reveal information regarding the patient's ventricular operating point and inotropic state.

1459826797-76c8bd3b-09f1-4a4f-bc3b-09ed9e266045

An asymmetry thin-film transistor includes a substrate, a semiconductor layer and a gate positioned on the substrate. Each portal is positioned above a respective aperture and adapted to position an infant feeding over the respective aperture. An outlet receptacle is mounted to the cord for supplying power to remote locations in the room or work area as the cord is unwound from the reel. The height of the via to be filled is thus reduced by the height of the intermediate plug. Thus, a raw image signal with an emphasized edge is obtained.

1459826797-7ddb1b68-2f1e-4196-99e4-d470b994e710

A method and apparatus are provided to control the atmosphere inside of a xerographic control module of an image forming device so that a dew point condition is not reached. To that end, at network ingress, the original packets provided by said source users and entering the network, are encapsulated with a so-called



Single Sided Virtual Channel header including a Data Link Connection Identification field. The call control function transmits a ping message to the dual mode wireless device over the wireless data network to determine if the device is available over the wireless data network for the call.

1459826798-037899b8-ba0f-4c4a-b651-4c994da89c52

A portable oxygen concentrator designed for medical use where the usable life of the sieve beds, adsorbers, is monitored and communicated to the user or service provider through a user interface or a transmitted signal. The spinning head has a housing in which the plastic melt flows through a filter element under pressure before exiting the spinnerets. Phase-shift control components provide the output signal and the LO signal to the demodulator during a first time duration and provide a phase-shifted version of one of the output signal and the LO signal to the demodulator during a second time duration. In addition, the method includes synchronizing the first IO channel with the second IO channel based on the second data. A plasma process within the plasma chamber can be controlled by independently controlling the temperature of segments of the wall or other surfaces. In one embodiment, the present invention extracts information that is dissimilar between the first response web page and the second response web page.

1459826798-0ca273e3-90f9-4740-ae41-b0ee02662339

A method and system for playing a media sample representing a full media selection on a wireless handset and, in turn, requesting the full media selection to be sent to a client station other than the wireless handset. Multifunctional, nanocomposite, hollow nanoparticles, and coated nanoparticle dispersions are also discussed. When an external tire pressure equivalent to the cavity pressure is detected, the membrane makes contact with ridges on the backside of the surface acoustic wave device. During each interval of the intermittent pressing action, a supporting and rotating device 40 rotates socket 16 in small increments about a central axis C2 of socket 16. A second support member is attached to the body and the first support member by a second braze material.

1459826799-cae20f7e-3f90-449d-a0f4-ea98a3dee122

A system and method for configuring a target controlling appliance to communicate with a target controlled appliance. The system includes a retaining cover for obstructing removal of the closure from a bore of the access port. The first member is configured to be fixed to the stock of a rifle.

1459826799-d82ebe1e-c292-4e04-96d5-203c9c8ec31b

A method and system for providing priority to a station in a congested half duplex Ethernet network. The system includes a sensor adapted to generate a signal and a flexible member having an indicator portion. Polymer functionalized nanoparticles are also provided that include a nanoparticle defining a surface; a butadiene-derived polymeric chain covalently bonded to the surface of the nanoparticle. The axial thickness of the lash ring may be varied between assemblies to compensate for manufacturing variation in the components and is secured to the body in any of various configurations. Where the skip shift is requested and the clutch remains engaged, the skip shift request is monitored to determine whether it is withdrawn before clutch disengagement. The clock generating circuit transforms the logic state of the charge pump clock when the reset signal is enabled, and sets the charge pump clock to a first preset logic state when the display clock is transformed from a first state to a second state.

1459826800-a6a72dcd-9007-4ce0-b06e-50b8e47631b6

This invention discloses a heterogeneous mesh network comprised of multiple radio access technology nodes, wherein nodes can function dynamically, switching roles between client and server. The clock generator generates first through fourth clocks having a quarter frequency of a data-rate of input data, the second, third and fourth clocks have phase differences of 90, 180, and 270 degrees with respect

to a phase of the first clock, respectively. One signal component is configured to elicit an ECAP neural response, referred to herein as a neural response signal component. During execution of the processes, the method includes receiving a request from the first process for a time donation to the second process and executing the second process during the time slice of the first process. The second blade set includes a plurality of second blades.

1459826800-e1da907a-4232-41cc-8f0a-a045be72a1a4

A polishing pad having a body comprising fibers embedded in a matrix polymer formed by a reaction of polymer precursors. According to a modification of the process, a finely-divided carbon-containing material with a surface-pH value of around 6 to 9 is used instead of the silicate carrier substance. A plurality of elastic members is provided along the direction that the card moves for pressing a specific portion of the pin against the groove of the cycle cam. An arithmetic unit or a digital processor receives the first intermediate value and the second preliminary value and provides a second intermediate value indicative of the amplitude of the current. Each of the set of media content is sent through an associated output in the outputs at substantially a same time.

1459826801-78a66283-e5e8-490c-825f-ca51f314473a

A method for forming a network is disclosed with the network including a plurality of communication devices, a wire network for allowing a plurality of communication transmissions between the communications devices, and at least one connectivity device connected to the wire network,. Low level, runtime support for a nullable type is provided to ensure consistency and coherency. Different pieces of a large payload file may be available from different nodes, however, when a user requests access to the large payload file, for example, through an application server, a virtual file control system creates an illusion that the entire file is present at the connected node. Excess oxidizing agent and acidic solvent are removed from the nanofibers, which are then dried. A method and apparatus for using the game ticket is also disclosed.

1459826801-cb1965f9-4ada-4e24-8505-e7a24cbdecee

A device may determine a first distance between a viewer and a display of a device. The irradiation device and the detection device are fixedly or rigidly associated with one another. The surveying arrangement also includes a first horizontal receiver array located in the weathered layer, and means for processing seismic data acquired by the first receiver array. The electrode is supported by the outer surface of the housing. The decision tree method includes the steps of reading the data; creating a histogram; evaluating a potential split according to some criterion using the histogram, selecting a split point randomly in an interval around the best split, splitting the data, and combining multiple decision trees in ensembles.

1459826802-20a572cd-7025-43cd-97ec-ed2c610ccdc2

Provided are a wire structure and a semiconductor device having the wire structure. Thereby, a manufacturing method for run-flat tire support which maintains a high bondability between the supporting part and the leg part, and is excellent in durability, and a run-flat tire support are provided. In addition, first and second receiving ports are connected to the receiving-side port of the high-frequency switch via a diplexer. The integrator generates a first signal responsive to integrating an input current of the power supply. The at least one of the plurality of remote input devices may have a greater form factor than the local input device.

1459826802-bc3636ce-52d0-47b1-a714-ed7d6740bb24

A fibrous structure made from a fiber and about 1 to about 15 wt % of a high viscosity polymer that has a glass transition temperature of about minus 40 to about 0°C. The silver coatingnanoparticle scaffold can be used for numerous applications in metal-enhanced fluorescence. A front channel mouth is bridged-over

by a bridge on which a plurality of cutting edges are formed, which edges are made integrally with the rest of the bridge. The winding of the primary section has at least one phase conductor which at least partially extends in or on the region of the primary section facing away from the secondary section, thereby producing a magnetic field that extends outside the secondary section.

1459826802-d4c34d15-157c-428b-aa27-6b21b924ad18

Fiber is drawn from a preform comprising a silica body, e. When the coupling of the agricultural tractor and the agricultural implement is released, first, a control lever of a coupling hook is slid upward against the urging force of a spring until a second guide pin reaches the lower end of a slit. The driving transistor has a source and drain respectively receiving a second supply voltage and coupled to a second end of the light emitting diode. Thereafter, after etching the polycrystalline silicon film with using the sidewall film as a mask, a thermal treatment is performed in an oxidation atmosphere, by which a light oxide film is formed on the sidewall of the polycrystalline silicon film. Embodiments disclose a modular transceiver utilizing a wireless broadcasting transmission technique and a wireless control system where an interface between a controller and controlled devices is facilitated using the transceivers.

1459826802-e64b502e-a37b-420d-adc6-c19d94a763e0

A method, apparatus, and computer program product for performing an instant copy of data are disclosed. The systems and methods maintain sterile extracorporeal processing conditions during and between therapy sessions. The voltage driver generates a voltage signal to drive the transmission line.

1459826802-f64f29dd-a9b3-4167-9b80-754962e0e176

A display driver generates a respective charge pumping signal and respective driving signals synchronized to a respective same clock signal for each of the CPU and video interface modes. The present method also comprises plotting the respective capacitance values as a quasi-linear function of the respective predetermined widths, extrapolating a calibration term from the quasi-linear function, and subtracting the calibration term from the respective predetermined widths to define and constrain the active region width for facilitating device fabrication. The contact representations are displayed at respective relevance distances from the focal user representation. The two lines are terminated by an open circuit and are coupled electromagnetically to the common slot of the two antennas so as to enable a phase difference to be introduced between the electromagnetic signals of the two antennas when the connection is switched from one line to the other by means of a switching device present on the connection lines.

1459826803-461b7e0d-4c95-4536-8b2b-86295b7d2909

New and improved compounds for use in diagnostic imaging or therapy having the formula  $M\text{-}N\text{-}P\text{-}G$ , wherein M is an optical label or a metal chelator, N is the linker, and G is the GRP receptor targeting peptide. The master control station provides command signals to enable dispensing of a fluid from the metering device and provides a preset amount of fluid to be dispensed. Electrical connection portions 26 of the connection terminals 25 grasp the conductors, disposed on the obverse and reverse surfaces of the flat plate portion, respectively, so that the FPC is electrically connected to the connection terminals 25. The cover can function as an antenna for wireless communication between the device and a network or access point, and it can contain circuitry for devices such as transmitter/receivers.

1459826803-accbae30-587a-4baf-b41b-29e596c27f25

In a test system, a test method, and a program for use in verifying states in a target, a predetermined state is previously defined as an intermediate state among states which can be taken by the target. The variety successfully propagates from

softwood cuttings and is suitable for year round production in commercial glass houses as a flowering pot plant. The line-switching facsimile modem of the present invention is connected to a facsimile machine and has a function to transmit data via the public switched telephone network. Other monitors might include a heart rate monitor, a temperature monitor, an altimeter, et cetera. The fiber Bragg gratings preferably have different grating periods. The information providing device which effectively provides the information concerning the currently viewable programs with simple operation is thereby provided.

1459826804-0f310b90-c0e2-4daa-a748-58ba1d53ace2

A frame for use in a construction machine such as a hydraulic excavator, in which a circle member for mounting a swing circle to a center frame is secured. When the communication information received from the one communication network is relayed to another communication network, information is output to the other communication network by storing information about the failure detected from the communication information received from the one communication network in a header of communication information to be output to the other communication network. The optical power converters may store electrical energy derived from that optical signal and use that energy to power the remote sensors. The device is configured to limit the maximum gate voltage of the output pull-down transistor device to less than the maximum external power supply voltage.

1459826804-a8bad50f-048d-4cc3-a7ff-1f5b3ca47283

An assembled honeycomb structure includes at least two prismatic honeycomb segments. The transistor also includes at least one gate dielectric layer having a charge confined within to cause an interrupted region of the conduction channel and a gate electrode operable to restore the interrupted region of the conduction channel. A preview image is acquired for a second image to be captured, and a second edge is detected in the preview image. Particle characteristics such as roughness and elongation are used to selected groups of both powders that are combined to produce the blended zinc powder. The schema objects are preferably defined using a field-based language such as extensible markup language.

1459826804-e18b78e8-0524-49d8-97a4-84bebc987ddc

A method and system for a character-based document comparison are described. The pad groove analyzer may be configured to monitor the grooves via a contact or no-contact process. Additionally, the tag has an implant receiving cavity formed by the distal portion of the first component and the distal portion of the second component. The casing includes a magnetic metal material. Based on the reference value a particular data buffer that is associated with said data management structure is selected for buffering the log data. An object to be sterilized is held in the container in a manner so that an objective face to be sterilized of the object faces an ultraviolet ray emitting face of the electrodeless discharge bulb.

1459826805-38c2e450-6165-4a12-a991-8077aaad7717

An electromagnetic clutch includes an electromagnetic coil positioned within a coil housing. The picornaviruses of the invention comprise in the non-coding region of their viral genome a nucleotide sequence which corresponds to cDNA sequence or homologous sequences having at least 75% homology to the SEQ ID NO:1, and they cause mammalian disease. The operating cable is linked to the input arm of the transmission mechanism by a slider, i. Further, the orientation of the applying step is provided by a cladding layer adjacent a conductor along which a current is passed and the current induces a magnetic field in the cladding layer of the selected magnetic orientation.

1459826805-6b32a01b-2543-4e44-a41f-f6456b3f470e

A support pin is disposed at a position in front of a front edge of a movable nozzle blade in a state in which the movable nozzle blade is located at a rating opening position B, set between a maximum opening position A and a minimum opening

position C. The scanner gantry includes a rotary part and a stationary part, wherein the detector, the detector control panel, and the power ring are mounted in the rotary part. The electrical terminal includes at least two actuating elements arranged so as to turn relative to the insulation piercing elements in the electrical terminal. The mathematical optimization algorithm takes as input at least one constraint and chaotic event information. Also a method of heating comprising providing an energetic nanolaminate film that produces heat when initiated, and initiating the energetic nanolaminate film by directing an electric current to the energetic nanolaminate film and joule heating the energetic nanolaminate film to an initiation temperature.

1459826805-e24e0604-f280-4900-8e4b-7f3a85647fa4

A system and a process for a session layer protocol allows a large number of client machines to receive a reliable data stream over inherently unreliable multicast connections in a highly efficient and scalable manner. The electronic device includes a motherboard mounted in the housing. The display also allows for individual security alarms to be triggered when a theft occurs. The separation apparatus is then placed in a buffer. a microprocessor or a chip-card processor performing information encryption in an apparatus may reveal the security sensitive information. The thread switch logic has a time-out register which forces a thread switch when execution of the active thread in the multithreaded processor exceeds a programmable period of time.

1459826806-01309227-5840-4e2d-84eb-b380996baa26

When a plurality of commands are received in succession to readwrite data fromto memory cells in accordance with the combination of these commands, a word line for controlling the transfer switches of the memory cells are activated after the reception of one of the commands excluding the first command. The detected devices are identified and such information may then be provided to an application for its use. The covering also includes a second sheet having a top portion, a bottom portion, and an inner edge portion. Dummy registry keys are created that are typically used by a debugger to make it appear as if a debugger is present within the operating system of the user computer. The device includes a source terminal, a drain terminal, a guiding gate terminal, a control gate terminal, and a substrate terminal coupled to the semiconductor substrate in which the device is formed. The base station can utilize the effective SNR to facilitate scheduling transmissions from the mobile terminal, transmitting power control commands to the mobile terminal, and determining a supporting data rate for the mobile terminal, for example.

1459826806-1f81301d-dbf3-4dac-baf3-646a5e912499

A liquid-drop ejecting apparatus comprises: a liquid-drop ejection head; a first tank; a second tank; and a negative pressure generation unit. Part or all of the source and drain regions is formed using a metal silicide layer. Based on the type of message, the interface module identifies a corresponding routine of an operating system executing on the computer which will generate the signaling service message; and invoking the corresponding routine which causes the operating system to generate the signaling service message. Resistance tuning is controlled by the number of active configurable drivers and amplitude tuning is controlled by setting the high or low drive state of each active configurable driver.

1459826806-4aaeefed-9264-4d59-b1d4-0298c8d204a4

A mask and harness system for use in providing breathing oxygen and protection from pollutants for the eyes and respiratory system as might be encountered in high altitude aviation environments. The apparatus includes a cervical guide ring, an insertion handle, a means for movably attaching the guide ring, and a means for directing a tissue sampling tool to a woman's cervix. As a result of receiving appropriate approval, such an associated content item may be promoted and made available to users of the content-controlled database, with the content management

record updated to reflect such a status of the associated content item. Software virtual product data is stored within the user-specified install location.

1459826806-87578a91-c765-453e-a3ea-1ea282532c85

A vane assembly of a gas turbine engine has a plurality of vanes extending radially and inwardly from an annular casing. When a power switch is turned off, a taking lens retracts within a camera body, and a barrier drive gear is rotated by a motor to extend a second coil spring so as to force the lens barrier to move to a closed position from the open position at the moment that tensile force of the second coil spring rises beyond that of the first extension spring. Each identical pushup exercise device includes a rod.

1459826807-4f600cae-4a63-4912-94ec-70bb5749bab

There is provided a pneumatic radial tire for a motorcycle, which reduces a difference between rigidities of the center section and the shoulder sections of a tread section to simultaneously provide a long wear life, high grip force, and high-speed durability without impairing linear characteristics of handling. A connector connects a differential transmission pattern for multiple transmission of a group of three differential signals and a differential transmission cable. The extension pipe is formed of an outer tube fastened at a bottom end to the handle, and an inner tube fastened at a top end to the nozzle. A printhead assembly includes an ink feed arrangement, in turn, defining ink feed galleries which can be connected in fluid communication with respective ink reservoirs.

1459826807-9c531dfe-f068-40f2-a2bf-add45774f6e7

A nonvolatile semiconductor memory includes a trench isolation provided in a semiconductor substrate and an interlayer insulator provided on the semiconductor substrate. More specifically, the present invention relates to devices and methods for repairing, reinforcing and/or treating fractured and/or diseased bone using various devices, including cavity-forming devices. The control circuit also includes a primary-side auxiliary winding operable to induce a voltage pulse after the primary-side switch is turned off, and a sample and hold device for sampling and storing a level of the voltage pulse for generating a control variable. Axial spinal implants and bone growth materials can be placed into single or multiple parallel or diverging axial bores to fuse two or more vertebrae, or distract or shock absorb two or more vertebrae. An electric current generated during a lightning strike is diverted with low resistance from the electrical unit via the rear plate and the mounting plate onto the fuselage of the aircraft.

1459826807-e0490000-1938-46cd-85cd-a73ac4fc438d

The pipe hanger assembly is a pipe hanger and a holding assembly for retaining the pipe hanger against a pipe support. The methods comprise exposing wafers to high temperatures in a generally neutral atmosphere that also comprises one or more species that can, or whose ions can, migrate into the wafer down to the interface where reduction of the trap density is desired. If a suspicious domain shows activity, one or more actions may be taken with respect to the domain. The invention also provides kits useful for making the litter box assemblies and using such litter box assemblies for managing animal waste. They are excellent in moldability and gives a molded articles which are excellent in appearance in terms of gloss, flow marks, weld appearance, color unevenness at welded portions, colorability and the like, and excellent in impact resistance, for example, impact resistance at low temperatures as well as in weatherability. These polymers can be blended with other polymers, and are useful in the manufacture of films, sheets, foams, fibers and molded articles.

1459826808-13e9a226-5810-455f-a988-6098c046f689

Disclosed is a film assemblage of the self-developing type comprising a first and a second sheet in juxtaposed relationship to one another. Another resin composition comprises a film-forming polyester and from about 50 to about 2500 parts by weight

of iron per million by weight of the resin, wherein the amount of iron particles having a size of less than about 20 microns does not exceed about 800 parts per million by weight of the resin. The side frames have middle portions carrying an arc tube and a surrounding shield, and the side frames further have an upper portion that frictionally engages the inside surface of the cup-shaped top, the upper portion comprising two ends extending in a direction normal to the longitudinal axis and having a space therebetween. When the surfaces of the general portion and the door portion are flush the gap between the general portion and the door portion can be narrowed, and gap on the surface is narrowed. The versatile portable telephone holder or holster of the present invention securely retains the portable telephones telephone and/or other personal items, regardless of the physical orientation of the holder.

1459826808-dc7e70fb-a2d0-4fcf-b795-27297cfa8dfe

A method and system for implementing antenna verification in a closed loop transmit diversity system. The inserter element has a slim, elongate main body, a handle attached to the body, and an anatomically curved insertion section. The base and the holder can also form a container for enclosing sharps devices. The print pixels that are blocked by the mask define a regular pattern to avoid graininess in the printed image.

1459826808-e6c5ee0e-9cb2-4c7d-8844-1b2471d264a7

A high-power point and one or more low-power points transmit signals associated with the same cell-identifier in a heterogeneous cell deployment. As such, the amplifier circuitry receives a frequency signal representing the frequency and phase components of the signal to be transmitted, as well as an amplitude signal presenting the amplitude component of the signal to be transmitted. These compounds and compositions find particular use in providing an abuse-resistant alternative treatment for certain disorders, such as attention deficit hyperactivity disorder, ADD, narcolepsy, and obesity.

1459826809-13c5101f-e221-44c3-b030-baebe90953e0

A storage device includes a memory and a wireless transmitter, both contained in a disaster-proof enclosure. Methods of using said reagents and diagnostic kits are also provided. The housing is mounted on the door. Origin servers deliver the files generally according the event.

1459826809-79542c83-a632-4d74-bc39-aa8b2b02dc87

A column analog-to-digital converter having a voltage comparator and a counter is arranged for each a vertical signal line. A protective element with a protected electrode overlays of the semiconductor substrate with an intervention of a dielectric film. The microcantilever presents a reflective target area for the laser beam.

1459826810-085bc7aa-dbb3-47db-8ec6-f1618af97b59

A method for improving throughput performance of a data storage device by executing an execution critical write-back data priority routine programmed into a controller of the data storage device. Each cooling passage is divided into at least two branches that receive cooling fluid from an entrance portion of the cooling passage that is in communication with the chamber. A fuzzy logic method is provided for effectively combining the results of different types of search criteria. When an entity of the plurality of entities seeks to acquire a shared lock for a particular resource, that entity checks the local exclusive lock flag for that particular resource. , a toxin, allergen, autoantigen, bacterial protein or polysaccharide, viral protein, fungal protein or polysaccharide, parasitic protein or polysaccharide, bacterial lipopolysaccharide or any other compound relevant to diseases. Accordingly, there can be provided a solder jointing system for jointing solder layers of a semiconductor device, an electronic device, or the like to the wirings or the pads, which is capable of having a high processing ability and

preventing re-oxidation.

1459826810-254cf5f8-69b5-416b-87d9-7f626766400b

The present invention relates to eating utensils including a support configuration adapted for elevating the utensil above a horizontal surface to prevent the contamination of germs or bacteria that may linger on the surface. An underfill layer may be provided between the bottom surface of the substrate and the top surface of the printed circuit board, to reduce water infiltration under the light emitting diode substrate. The interrupting contact assembly includes four sets of interrupting contacts being at least partially disposed on four cantilevered members.

1459826810-4c7fd5bf-87a0-4e71-8020-c1cf26e2304a

A light-gathering device for concentrating light. The first and second control modules are on-board first and second powered vehicles coupled by at least a third vehicle in a vehicle consist. The anaphora analysis section analyzes whether a correct anaphora relation is included in the text data acquired by the text input section. Preferably, two rings are formed, and the gaps of the rings are in staggered relationship about the circumferential direction. Because the pneumatic cylinder is not attached to the piano frame, the piano lid can be completely removed without the use of tools.

1459826810-59bcdd1b-a384-43a6-ace2-b78ab152af58

The subframe contains a framework which is cast as a single part and has profiled hollow members for the longitudinal and cross members. When the authentication has been successful, the authentication control unit acquires user attribute information associated with the login user name from the authentication server. In addition, the authorization request may be transmitted from the POS server to a payment gateway. The 111 orientation colony is an assembly of adjacent crystals in which the angle of 111 orientation vector for each of the crystals relative to the direction vector vertical to the rolling surface is within 15.

1459826811-2ec3939d-9b4e-4900-aaed-fea21a47b5f6

An error checking circuit that performs RS encoding and decoding operations and also generates CRC codes includes a configurable two-stage combinatorial circuit that carries out selected finite-field arithmetic operations associated with RS and CRC coding. Through the present invention, the UE is capable of configuring the timing advance information of the carrier group promptly and activating the secondary carrier quickly, resulting in reduction of uplink transmission delay. The accessory mounting device also includes an accessory mounting bracket that slides over the second portion of the slide connector. 1 to 20 parts by weight of a leveling agent. A flow control system may be supported by the housing assembly and be couplable to a source of pressurized control fluid.

1459826811-772978b6-1a70-4159-98c4-da11b9c266a6

An end system concluding that a bi-directional virtual circuit is operational if the other end system has determined that the virtual circuit is operable based on the loopback cells. A switch is preferably attached in series with an external resistor. The nanowire of the access transistor and the nanowire of the memory transistor can be formed by a single nanowire having two ends respectively forming a drain of the access transistor and a source of the memory transistor. The processing component is capable of generating an acuity level based at least in part on the acuity value.

1459826811-82244e2e-3716-4727-aa51-f2f21255f3ea

Methods and apparatus for performing content inspection across packet boundaries using stateful packet content matching mechanisms. In one exemplary implementation, there is provided a method for processing gunshot information via identification of characteristics of detected gunfire. The catalysts demonstrate high activity and



selectivity for linear \u03b1-olefins. This permits unification of the cross-sectional structure of the sealing material formation region. Then, the front cables are reconnected to the lifting legs for lifting of the pallet and load thereon.

1459826812-09c180bc-dc9f-466c-9f1f-e58ed8b41da4

An airtime sensor for board sports includes a detector for generating signals representative of vibration associated with motion of a board sports vehicle along a surface. In a typical application, a user of the mobile telephone calls a server. The line is held off-hook for a predetermined amount of time to allow the user to switch telephones. The foam is then directed onto the surfaces of the plant to be covered. With this, a robust, cheap and safe in operation glare protection device for various applications is created.

1459826812-a6cae533-a7cb-4833-aa83-c7f8a9562579

A method for operating a commissioned e-commerce service provider provides services to businesses on a computerized network such as the Internet in exchange for a small commission on the commercial transactions generated using those services. Then, control is performed such that the first display image is displayed on a first display apparatus. In accordance with one embodiment of the present invention, the current system timer comprises the current clock time of the communication system. A plurality of longitudinally extending edges parallel to the axis of the screw are defined at junctures between the cutouts and central portion of the pilot hole.

1459826812-c51b905d-5eaa-4ce6-aadf-ee6038cdf345

This invention provides systems and methods that allow a user to change the size of a background used with a graphics-based user interface. The anaxisymmetric deformable leading edge 20 can be formed by an angled leading edge 19 which presents only a portion of the leading edge 18 to a well bore obstruction and allows the edge 19 to move past the obstruction with little or no longitudinal force. The Entertainment System including a database subsystem, a registration subsystem, a server subsystem, and a virtual world providing subsystem.

1459826812-c6c4b91f-ebab-4509-8d54-ff309b1903ff

method for making a mount for at least two electronic devices forming a first mounting surface from a material, and forming a second mounting surface from the material. In this mouse, human HB-EGF precursors are expressed specifically in islet beta cells, and by injection of diphtheria toxin, islet beta cells are selectively destroyed, resulting in that the mouse shows diabetes two or three days after the injection. The semiconductor membrane layer is initially formed from a substrate of standard thickness, and all but a thin surface layer of the substrate is then etched or polished away. The apparatus may also include a skirt and a skirt cover structured to substantially enclose a lower portion of the base, while the apparatus is not in use. An apparatus and method for spin-forming the end closure with the improved geometry is also provided herein. Nozzle lips of a nozzle body of the feed device are configured so that the desired dimension of the open surface of the liquid sump and the depth of immersion of the nozzle lips into the liquid sump, and thereby the level of the liquid sump are adjustable.

1459826813-5b5fd7d3-26db-4ff2-b5b0-754c91fcff09

Electrical devices which incorporate electrodes coated with carbon nanotubes. Such methods involve administering to the mammal a diet containing viscous polysaccharides. Using the information processor, a user then specifies an image output sequence by rearranging the thumbnail images with a pointing device. The probes are useful for detecting the organisms in test samples such as sputum, laryngeal swabs, gastric lavage, bronchial washings, biopsies, aspirates, expectorates, body fluids, urine, tissue sections as well as food samples, soil, air and water samples, and cultures thereof.

1459826813-6b7323e3-8dd5-4667-964f-d0e20dd153b0

In displaying a price label, the price can be displayed at low resolution without any problem, but a bar code requires a high resolution display. During playing, players move their own balls to the target area by skipping, raising, hitting balls or throwing balls. The bit string represents a file specification of a file containing application code written by an application developer. The process may further allocate the lowest performing agents and or the least \u201cdemographic matchable\u201d agents to those callers that are predicted have the longest duration, or may not allocate the lowest performing agents to any callers at all. At least one rotating member is rotatably joined to at least one of the limbs, and the rotating member defines a first portion of a sheave having an eccentric profile.

1459826814-45c45bb9-25ba-4b11-8177-f4f43ff374af

A logical relationship is established among peripherals in a wireless local area network managed by a system manager. In addition, the present invention provides novel compounds having enhancing activity for nerve growth factor production. The resistors enable squib identification. In another embodiment of the invention, the basic approach is used to obtain an initial estimate of the signals transmitted by one terminal unit, and the contribution of those signals is removed from the received signals prior to detecting the signals of other terminal units. In many instances, the content server stores many hours of live media stream data and allows a user to select a particular starting point.

1459826814-81847e13-99a1-494e-982e-eceb4898eddc

A light emitting apparatus includes a light emitting device emitting primary light and a wavelength conversion unit absorbing a part of the primary light to emit secondary light. The motherboard system includes a central processing unit, a control unit and an interface connector. If no non-common address is available, then a common virtual importexport element address is assigned to the data storage device. The coding can be spatial, for example, by using an aperture mask and/or temporal, for example, by coded injection of ions for analysis. Using these transcription factors in novel formulations, as shown by examples, will confer value-added traits to transgenic plants, including, but not limited to, higher levels of heterologous gene expression, drought and salt tolerance, viability and productivity under stress, and enhanced nutrient reserves and seed properties.

1459826814-8de1911c-7643-40ef-ad5e-f9a0f2a79102

Arylsulfonamide compounds of formula I are described and have therapeutic utility, particularly in the treatment of diabetes, obesity and related conditions and disorders. In addition, a method is provided for preventing, inhibiting or treating the progression or onset of pathological conditions associated with the estrogen receptor and to pharmaceutical compositions containing such compounds. The thickness of the SiNx layer is expressed by  $d=\lambda kb^{1/3}$  where k is an integer not smaller than zero and not larger than 5. Each of the panels has a pair of the hinge assemblies coupled thereto to permit the panels to pivot with respect to the cargo bed.

1459826814-9cb34a11-753b-4c5b-954a-417b130e50f3

In etching using an etching solution, irradiating ultraviolet light is irradiated into a resist patterned on an etching substrate or a film formed on the etching substrate and then an etching solution is applied to the etching substrate while rotating the etching substrate. The combinations have greater efficacy than would be expected from combinations of the individual components. A plurality of equalizers is communicatively coupled with the plurality of noise prediction filters. The framing includes, among other things, adding a flag to identify command and event packets from data packets, and a sequence number to help ensure synchronization. In yet another embodiment, the torquing device has a tapered shape

and includes a ring that is slideable over the device to compress a wire in a channel. The presence of the R10 groups on the support surface prevents or reduces non-specific binding of the catalytic species with the support surface by minimizing hydrophobic interactions and providing no or substantially no surface charge in the region of the support having catalytic species attached thereto.

1459826814-d6fdb3aa-2810-4ce2-8e0d-6c3442475d43

A process for production of nickel oxyhydroxide by electrolytic oxidation of nickel hydroxide in the presence of an alkali metal halide. The graphics files are sorted into lossless and lossy file groups. When the speed of the vehicle is higher than or equal to a predetermined threshold and predetermined conditions determined by physical quantities relating to power generation conditions of the fuel cell are satisfied, the control section determines that freeze prevention processing is necessary even if the fuel cell is generating electric power and performs the processing. The gear portion of the movable plate is in operating engagement with the gear portion of the fixed plate and defines an annular race between an outer surface of the first raised collar and an inner surface of the second raised collar. When the invention is employed in direct methanol fuel cells, water transport and methanol crossover through the membrane are decreased compared to conventional direct methanol fuel cells employing sulfonic acid membranes.

1459826815-2b5c2707-1c61-41f1-82c4-28102922b2cf

A method for selection of a DRAM refresh timing in a DRAM memory system is disclosed. The stabilizing weight assembly, in one embodiment, includes a weight holder rotatably connected to a weight holder wheel. A pair of pivot pins is formed on opposite lateral sides of the body respectively, and a pair of pivot holes is defined in opposite lateral sides of the top lid respectively. In order to reduce the level of these contaminants, a purging system extracts gas from the enclosure and passes the gas through a desiccant, an organic vapor trapping material, and a particulate matter filter then returns the extracted gas to the enclosure. The sockets each have cylindrically shaped outer surfaces, and when engaged with one another define the loading interface.

1459826815-389bef7b-4a8e-43df-802d-1674dc4d18f2

The present disclosure relates to antibodies specific for urokinase-type plasminogen activator. A method of assembly of a downhole magnet tool comprises mounting a magnet on the mandrel and inserting the centralizer stem into the centralizer receptacle. The physical interface system comprises a first physical layer interface for the base station for processing the communication signals upstream and downstream between the subscriber station and the base station and a second physical layer interface for the subscriber station for processing the communication signals upstream and downstream between the subscriber station and the base station. At the user's request, the server selects corresponding voice data and sells it to the user. As one of the tasks, the system has a training function which can be used to prompt for additional information for incomplete commands. The user applies force to the driver, thereby urging the frozen solid past the directional controller and out via the exit aperture.

1459826815-b4c0077d-00b2-489a-b80c-1559f53fa591

A turbine vane ID support system usable to support the ID of a turbine vane and including a transition seal system and a turbine vane ID forward rail seal system. The system includes forming heat slug pillars on the substrate, positioning a heat slug on the heat slug pillars, and encapsulating the substrate, the die, the heat slug pillars, and the heat slug in a mold compound. The tip, with the particle, is moved into the second position where the particle can be accelerated towards the entrance opening. A subcutaneous tunnel is created, and the first end of the tunnel is near the incision. The position and size of the pattern could be controlled accurately and efficiently, instead of inefficient complex procedures of alignment.

1459826816-129dfd41-325b-468d-9e7b-adff81f2bc6a

Disclosed is a method, apparatus and system for processing a broadcast application in digital broadcasting. The semiconductor memory device includes memory cell blocks, row decoders, sense amps, block control circuits, and sense amp drive circuits. An embodiment of the present invention utilizes a DPD feedback signal in conjunction with a low power band-pass filter in the DPD feedback path. The system of this invention preferably utilizes DSP circuitry for determining the occurrence of a Twave event and the timing of the Twave, from which the QT interval is calculated. The function temporarily reduces error input to the brake controller during a perceived brake fill condition or running clearance condition thereby facilitating smooth application of the brakes during initial braking and/or under anti-skid conditions.

1459826816-28513807-cbc7-4562-88e1-6838dc0439bc

An apparatus for latching a tailgate to supporting structure of a vehicle generally includes a latch, a keeper, and a member for rotating the keeper relative to the latch. The air bladder actuator is made with lightweight aluminum end plates and utilizes a unique stud assembly for attaching the actuator to the retarder pivot arms. A portion of the pockets are coated with a first type of wavelength converting material while other portions of the pockets are coated with a different type of wavelength converting material. The magazine is configured to deliver successive ring airfoils to the breech or rear end of the chuck for launching. In the flying optical recording/playback head, a device for controlling the relative position between a slider and the optical lens based on a thermal expansion or a piezoelectric effect of an optical lens supporting member for holding the optical lens on the slider, or a thermal expansion of a portion of the optical lens. The first and second cache lines are scanned for unset done bits.

1459826816-7cee0cd7-5263-46ff-b752-0ed364a7dbf0

In an electronic system having logic agents that communicate with each other through one or more signal lines, a method for testing high speed digital signaling on the signal lines is disclosed. The system can search data communications, such as HTTP requests and responses, for proxy strings that are indicative of a string pattern associated with corresponding proxy software. In the packing box of liquid crystal panel, the content closely contacts with the packaging material, which avoids the displacement of the content generating secondary impacts during transportation and decreases the damages of the external impacts to the package. A syndiotactic polypropylene comprising a melting temperature of greater than 170°C. A method and a system for effecting currency transactions between two users over the Internet or other communication network are also described.

1459826817-1c9ad6b9-1026-42d6-99fe-fed5cdd4064e

A light-emitting module and a driving method thereof are disclosed. A conductor is formed on the sloped sidewalls. The first outer sidewall surface has a first minimum refractive index. A crown, defined by a raised band of the shell, extends between the front and rear regions of the shell.

1459826817-2f4ccf53-14ed-4ed4-8d6b-a6ce22a87ebe

The invention is based on a wiper system with at least one wiper support, which, in a pre-mounted state, has a part that is guided through a mounting opening of a vehicle and is fastened to it. The medicating device includes a control computer that sends instructions to a dispensing device. A surface coating material is disposed along the exterior and interior faces of the wall structure and in contact with the interstitial blocks. The clock generating section generates a higher operating frequency when the control section executes printing processing than when the image-capturing section obtains an image, for the control section. The electrical cable includes an outer shield connected to the chassis ground of the trolling motor; an inner shield connected to the signal ground of the transducer; and a pair of signal carrying conductors comprising a twisted pair.

1459826817-5494439b-833d-48e1-b894-61c6b71757d9

Some embodiments of the present invention generally relate to pillow devices comprising a pair of opposing lobe cushions connected by a cross member comprising a neck supporting cushion. To accelerate the weighted spool assembly, a user applies a pulling force to a strap assembly. The housing is configured so that it may easily be removed from the wire feeding module, thereby allowing the housing to be easily replaced or exchanged as needed by the user.

1459826817-d7e09cdb-f055-473b-89c5-b3856e78eb27

An alignment apparatus for optical components includes chemically co-etched parts which may be assembled with high tolerances and in a repeatable manner. There is a cylindrical external housing 1 with a through hole 1c in a central position in the closed end. Further provided are methods for making and using thermotolerant phytases, e. Subscribing dual-mode phones can use this list to only scan for Wi-Fi availability when they are associated with a cell tower which is on the list.

1459826817-d90fefbb-4fae-4f57-91b8-e4c77778a643

An ink cartridge has a first partitioning wall 5 and a third partitioning wall 7 for dividing the inside of a case 2 into a first ink chamber 9 and a second ink chamber 10, and a second partitioning wall 6 for demarcating an atmosphere connection chamber 11. The composition contains an epoxy resin, a fluxing agent, a linear polyanhydride and a catalyst. The ordering may be based on any number of factors. A semicircular wall extends between end caps that hold a roller shade. Operators thus can evaluate candidate colorant patterns in context of many different tones of the sky and other customer colors. The system can include a computer readable medium having code for receiving fluid introduction data indicative of a fluid introduction parameter, and for receiving response data indicative of a response of the patient at a time related to a time of the fluid introduction data.

1459826818-6dc99a0e-5f4d-4e26-8201-6b30b611a5d0

A configurable logic device configured to add or subtract inputs using a carry signal with a fixed value of 0 is described. The orthotic device includes a tray for receiving the user's upper teeth, a guide ramp for position the user's lower jaw, and a plurality of spacers for providing a gap between the tray and the user's lower posterior teeth during fitting of the orthotic device. A pressure relief valve is to open in response to pressure in the print head reaching or exceeding a predetermined value by the provision of gas to the print head by the source of pressurized gas.

1459826818-a1fd9fb6-c4ff-4600-a4c9-48e715edea3c

A network system includes a plurality of communication nodes. A second plate member is extended from the first plate member such that a first part thereof opposes to a traveling path of a carriage which carries a plurality of liquid containers each provided with an IC chip and a receiving antenna. The synchronizing converters operate in parallel as a multi-phase converter. The elastomer material is removed by peeling prior to adhesion bonding of the heat sink to the die. A second region is exposed to radiation through a second photomask.

1459826818-d8df421d-0866-43b4-8940-2fbc474787b9

A fluid dynamic bearing including a bearing bush having a central bearing bore in which a shaft is rotatably supported. The electron source is for coupling to an image display member to form an image display apparatus, and the image display member is for displaying an image in response to being irradiated by electrons. The method and apparatus then activates the web interface and allows the subscriber to specify a sequence of both digits and letters as the subscriber's initial web password and username.

1459826819-180f60e3-8d12-4d9a-9c44-6bf5f5ffe268

A method comprises analyzing the psychology of a typical consumer and defining first key stages wherein customers drop out and second key stages wherein sales could be maximized. Since the setting was revised, the revision history including the setup content and the data of the setting is stored in a revision history storage. Output circuitry provides an output based upon the compensated process variable. The piezoelectric element is in contact with the second member.

1459826819-19bad3f4-b520-4512-bc5d-499b2dc73746

Aspects of the invention may provide a method and system for adjusting a gain and/or a frequency response of an input signal for a multimode PHY device. The punching dies and corresponding shaving dies are located symmetrically on opposite sides of an intermediate location along the path. In this embodiment, before the downlink signals are transmitted, the mapping rule used by each cooperative cell for CoMP transmission is negotiated between the cooperative cells, and therefore, the UE can accurately receive the signal sent by multiple cooperative cells and the performance of CoMP transmission in the system is improved. Numerical clauses represent constraints that govern the configuration of the product. Surface roughness of the rough structures is greater than surface roughness of the black matrix distributed corresponding to the display area. The capabilities of introduction of three functional groups into a molecule in one step using Baylis-Hillman reaction encouraged us to synthesize some highly functionalized derivatives of artemisinin.

1459826819-d0af83d6-8a6a-49ca-a838-e77eaa61f3a1

For invention enables torque-compensation of alternating interference-torques in a printing machine. The method includes the steps of detecting a first movement, capturing a first profile corresponding to the first movement, comparing the first profile with a second profile, the second profile corresponding to a second movement, and activating a user interface behavior if the first profile and the second profile are substantially similar. The segment is selectively coupled to another scan register element to form a portion of scan chain.

1459826819-d6668768-8423-43a1-a661-01b3ea003729

A method and system for resilient routing reconfiguration, which provides provably congestion-free rerouting under a large number of failure scenarios and achieves efficiency and flexibility in accommodating different performance requirements, is disclosed. Embodiments of methods may include monitoring a patient to produce a signal comprising a sequence of numerical values for a physiological parameter over a time period, calculating an index from the signal, comparing the index to a reported index, and if the index is greater than the reported index, setting the reported index to the value of the index. The at least one alkane can be pentane isomers, hexane isomers, heptane isomers, octane isomers and combinations thereof.

1459826819-e9030568-b153-45b2-94d2-8ed505500401

In one aspect of the invention there is a system for establishing a parimutuel fund comprising a first mobile phone and a second mobile phone and a parimutuel administrator. The brace includes a first strap having a first end directly attached to the first side of the proximal frame element and a second end attached to the first side of the distal frame element so as to spiral from the first side of the proximal frame element to the first side of the distal frame element about posterior and anterior sides of the knee brace. The inner fabric and the outer fabric form a gap for receiving the suspension jet and jointly wrap around the forming element at least partially in a wraparound region. The areas are arranged concentrically around each other such that the first area is inward of the second area which is inward of a third area and the like. A roller assembly may then receive the letterpress assembly in the closed configuration and may exert a compressive force on the letterpress assembly. The optical waveguide layer includes an incident-side channel waveguide to which a light signal is incident and plural

outgoing-side channel waveguides branched from the incident-side channel waveguide.

1459826819-eea6d66d-6124-4298-8229-dadbef15d795

A method is presented for employing radio frequency identifier transponder tags to create a unique identifier, termed an RFID signature, for use within a data processing system with respect to a person or an object. The device provides a retrofit solution for overcoming problems associated with liquid entering a pressure sensing lines and pressure noises that collectively harm the ability to accurately measure fuel and oxidizer levels. Each micro-channel has a width less than or equal to 20 microns.

1459826820-28c301ca-ec57-4612-b6c9-726a586c3cd4

A fixture includes an elongated rod, a first jaw and a second jaw. The converter converts an offset voltage to a bit stream. More particularly, a process is provided for the preparation of the above concentrate employing ketonic solvents. The entered sequence and timing element are compared with stored values and access is granted only if the entered and stored values match. Annular grooves with varying depth are provided between the gear and the front flange with balls therein for adjusting the spacing between the gear and front flange depending on their rotation position. The inventive agents permit hair coloring with outstanding fastness.

1459826820-7b88e32f-eed9-4688-b3b7-a913764bd6ce

A processing chamber may be effectively cleaned by a remote plasma flowed through the chamber in a direction opposite to the direction of gas flowed during wafer processing. A cardiac stimulus device lead is provided according to one aspect. Also disclosed are methods for fabricating optical integrated circuits employing the gap and actuator. The operational range is discovered by testing points, as defined by the plurality of varying operating parameters, to discover an operational boundary of the device.

1459826821-6ebfa4fe-276f-4921-8968-352347b6b48f

A resource allocation with dynamic bit control to achieve the greatest fairness for all users and minimize transmission power over orthogonal frequency division multiplexing systems is presented. The relaxed SiGe allows for a plethora of strained Si layers that possess enhanced electronic properties. Arrays of slots extend about the disk for simultaneously directing the fluid core to the inner profile of a conduit and the outer perimeter flow toward the fluid core. During a heating operation, the high-pressure side of the circuit during the cooling operation becomes the low-pressure side and the low-pressure side of the circuit during the cooling operation becomes the high-pressure side. The reclining mechanism may include three or four release mechanisms that are all coaxially attached to the vehicle seat to permit the seat back to pivot about a single axis. Upon connecting with a wireless client, a neighboring wireless access point determines if the wireless client matches the stored predictive roaming information.

1459826821-a242b718-9865-44f5-a0b1-f159584d1ae2

A steel rule die for cutting cloth and synthetic materials. Also, a method for performing a surgical procedure is provided including the steps of providing a surgical instrument including a first cartridge assembly and a first anvil assembly having an anvil shaft, approximating the first anvil assembly and first cartridge assembly and ejecting staples from the first cartridge assembly. keeps the frequency of the cantilever oscillation constant by applying a suitable DC voltage to the probe while, at the same time, a conservative AC excitation is applied thereto.

1459826822-57856873-7c72-453b-8b52-cff23f62ee04

A method is provided to create a proof mass supported by a dual-suspension system

for Micro-Electro-Mechanical Systems using crystalline silicon. The semiconductor apparatus comprises a gate electrode formed on a surface of a semiconductor substrate with a gate insulating film provided therebetween. The target device has sensor means for detecting this radiation and for converting it into electrical signals, which are supplied to an evaluation unit, as well as transmitting means which, in accordance with decisions made by the evaluation unit, return messages to receiving means located inside or outside of the transmitter. The data set is transformed to produce a partition table of data points with one column including the fluorescence at cycle and a second column including the fluorescence at cycle, where  $i$  is typically 1 or greater. These ethanol-based, biomass-derived fuels are fully renewable, may be formulated to have a wide range of octane values and energy, and may effectively be used to replace 100 LL aviation fuel, as well as high-octane, rocket, diesel, turbine engine fuels, as well as two-cycle, spark-ignited engine fuels.

1459826822-978dc247-22da-4693-a51b-d1077ca6d188

Biology and medicine for cleaning biological fluids. The supplemental window, in one embodiment, comprises a frame with plastic sheet material stretched across it. Dog teeth of the dog clutch include steps different in axial height from each other between a portion abutted against a lateral wall surface of a dog hole when the rotational drive force is transmitted by the dog clutch, and a portion abutted against a lateral wall surface of the dog hole when the rotational drive force is not transmitted by the dog clutch. The at least one reinforcing metal strap has a width of no less than about 1 mm. A control unit 31 has a traction controller 32, whereby when the ground contact load value output from one of the ground contact load sensors 36 while the vehicle is traveling straight is outside a predetermined range, the drive wheel 34 is controlled so as to return the ground contact load value to the original value. A first electrode layer that extends over the plurality of nano elements and is in electrical contact with at least a portion of the second conductivity type semiconductor, and a mirror provided on a second conductivity type semiconductor side of the structure.

1459826823-1e3254a3-9ce1-4848-a26c-d362f6f8bbac

An inner ring of a bearing is affixed to an end of the rotor spindle and is immovable relative to the rotor spindle in the axial direction. Non-invasively measured blood sugar level values obtained by a temperature measurement scheme are corrected by blood oxygen saturation and blood flow volume, thereby stabilizing the measurement data. Edge portions of the flexible sheet form element are secured to the lower portions of the wall form panels thereby forming a general U-shape and extending longitudinally under the wall form assembly. The accessory carrier can also be pivoted by removal of a single pin. The present invention is used for anti-fake of motor-vehicle-identity-status and provides to the enforcement organ for recognizing the legal status of motor-vehicle-identity.

1459826823-2ce4b35f-a6d8-4ec6-bec7-06b5176ea0a1

A space-saving, high-density modular data center and an energy-efficient cooling system for a modular data center are disclosed. In one embodiment, the context switching system includes a context switch requesting subsystem configured to: detect a device request from a thread executing within the multi-thread execution pipeline loop for access to a device having a fulfillment latency exceeding the pipeline latency, and generate a context switch request for the thread. The gases are directed to a first dust collector to remove the entrained particulates, after which a sorbent or chemical reagent is injected in the gases to interact with the contaminants and form a contaminant containing product that is entrained in the gases. For example, streaming audio data downloaded from the Internet may be configured via frequency modulation for radio frequency transmission to an RF receiver in proximity to the mobile communication device.

1459826823-7a3f17dc-1f80-4900-8460-4246e3f20df3



A computer implemented method searches for keywords within a document and displays a surrounding context. By reducing the frequency of the output signal, circuit blocks in the integrated circuit that operate at a lower frequency than the HIP block are able to capture the output signal. The seer lever pivots relative to the trigger housing.

1459826823-cade5f01-bd61-432d-9cc1-0133894bc05b

An airborne time domain electromagnetic survey system is provided. The SIM card includes a plurality of sets of subscription parameters from which to select and activate a single set of parameters. The home network issued IDP includes said RN. This invention has a wide variety of applications and is particularly useful for the solid phase combinatorial synthesis of polymers. An engaging edge projects from one side of a base of the resilient contact piece and is fit into a locking hole formed in a sidewall to position the base of the resilient contact piece and prevent it from being raised. The first resonator and the second resonator may be coupled to transfer electromagnetic energy from said first resonator to said second resonator as the second resonator moves freely within the near field region, and where the region may include distances greater than the characteristic size of the smaller of the first resonator and the second resonator.

1459826824-415e37be-7519-4a36-b042-7d08bb49e56e

A turbomachine includes a compressor portion having an intake and a filtration system having an interior and an exterior. The component also includes contact bumps on the die embedded in a circuit side polymer layer, and terminal contacts on the contact bumps in a dense area array. The simultaneous actuation of the first and second brake clutches takes place at least intermittently with the third brake clutch in a slipping state, controlling the speed of the torque converter relative to the engine. When one of the CPU module and the plurality of IO modules is removed from the processing device, the power supply senses that the insert line is no longer grounded, and removes power from the CPU module and the plurality of IO modules. Network e access decisions can be made based on ambient data already accessible to a host environment such that network access decisions can be made in a more automated manner.

1459826824-4c006610-7019-4984-9541-68ba0b9c3bad

Provided herein is a computer-based system for viewing a two-dimensional electronic drawing, including processes for pointing to similar components in different views, animation of views, hyperlinking components between views and virtual folding of an electronic drawing. The open regions expose areas of underlying substrate. The at least one service device function module transmits the messages to a user handheld device from the back-site device function module, and the at least one service device function module includes a WiFi device and a processing device function module. The sleeve and the shank together define a size conversion structure for the shackle. The fertilizer containing polymer is formed to continue to biodegrade over a period of several years during which time fertilizer substance will continue to be released. Payment systems, phone exchange systems, and other features may also be integrated to provide detailed conversion tracking to producers of targeted content and business owners.

1459826825-adb3b115-39d3-4530-8697-551a1a07b94b

A method that allows for uniform, simultaneous epitaxial growth of a semiconductor material on dissimilarly doped semiconductor surfaces that does not impart substrate thinning via a novel surface preparation scheme, as well as a structure that results from the implementation of this scheme into the process integration flow for integrated circuitry are provided. Each mobile terminal measures pilot signal strengths of transmissions from adjacent base stations. Still further alternative embodiments may comprise more than an initial effective dose administered to a patient's maxillary sinus, so that the therapeutic substance may be delivered over time, thereby requiring a larger dose be deposited within at

least one of the maxillary sinuses so that the maxillary sinus serve as a therapeutic substance depot for long-term release to the target structure. The central station transmitter wirelessly transmits control data information via each of the guard bands. If the verification process is completed successfully, the user may be logged into the website.

1459826825-bef6dbcc-2bb8-4762-97fd-c4570120ac1b

An exemplary implementation of an aircraft interior table includes a base unit which includes a storage compartment having laterally projecting ends. A related system, fitting, and adapter are also disclosed. , blending lithium hydride and/or lithium aluminum hydride with the carbon-coated powder; and heating the carbon-coated powder at a temperature between 200\xb0 C. The filter may be used for filtering the generated baseband frequency signal.

1459826826-43d2f101-ece0-4bc4-8a4a-7d006fb4e2cf

Data is recorded on a data recording medium as a code that can be optically read by using a manual scanning process. Both the processor and co-processors can connect asynchronously to the dual ported memory. Furthermore, a method of determining the presence and location of leaks in, or thefts from, the conduit by determining whether or not the magnitude of the intensity function satisfies pre-determined criteria is disclosed. The stress calculation unit includes as individual calculation units that calculate separately different types of mean stress, a contact surface pressure stress calculation unit, a thermal stress calculation unit, and a residual stress calculation unit, as well as a mean stress calculation unit that sums these mean stresses. The uprights of the small door and the uprights of the large door are shaped in such a manner as to engage in pairs one in another when said small door is in the closed position so as to present a maximum thickness taken perpendicularly to the door, that is less than the sum of the first and second thicknesses.

1459826826-4deafaf0-0b21-4c58-92a0-2cb81e77aad5

A submersible motor is provided for the drive of a submersible pump, with a rotor which is mounted in the motor housing via a thrust bearing. The acquisition unit is configured to acquire video streams. The information processing apparatus includes an information transmission control unit that divides processed image information so as to generate a plurality of division information to be then transmitted through the plurality of information transmission devices.

1459826826-a69278f2-c27b-433d-a2ea-c28d2772e9f1

A display switch unit is provided for a vehicle and a method for producing the display switch unit. The first pinhole layout is formed by four rows of pinholes, including first and second pinhole rows. The handle is manually shiftable between a locked state and an unlocked state to connect and disconnect the fuse from the circuit.

1459826826-c732ae01-46e8-4cc3-9250-438dc7aa31ca

A lost circulation material and method for well treatment employing the material that is effective at sealing or plugging small fissures and large fractures and has utility over a wide range of temperatures, including high temperatures. Also disclosed are compositions and methods involving novel p53 adenovirus constructs, including methods for restoring p53 function and tumor suppression in cells and animals having abnormal p53. The simulation including the formation of a droplet. Thereafter, appearance of at least one facial event in the selected portion of the image is captured. A routing device including a formatting module formatting an advertisement message having a dedicated preferred route to one of a first physical entity and a first logical entity of a first autonomous system, the dedicated preferred route being based on at least two routing attributes, and a transmitting module transmitting the advertisement message from the first AS to a second AS. Additionally, the method includes processing the silicon ingot material to free the

thickness of detachable material at a vicinity of the cleave region and causing formation of a free-standing thickness of material characterized by a carrier lifetime about 10 microseconds and a thickness ranging from about 20 microns to about 150 microns with a thickness variation of less than about five percent.

1459826827-53ada9fe-3223-49f0-b8f1-5fc4463bc74c

A method for communicating with a network is presented. The sole portion and the crown portion are configured such that a ratio of a rigidity of the sole portion to a rigidity of the crown portion is 1: 0. When an access right for a subordinate document component is changed, the change is automatically propagated to one or more superordinate document components, if permitted by the associated rules. In a mold consisting of three mold parts, the middle part may be rotatable in relation to the two outermost mold parts.

1459826827-ff858649-8769-4074-a530-20bd5726d4ad

A system, apparatus and methods are described that wirelessly communicate with its environment in response to stimuli generated locally within a communication device or within a remote activation device. In the transmitter, a control signal for controlling a function of the amplifier comprises an output signal from the compensation signal generator, and an input signal to the amplifier comprises an output from the mixer having been modulated to a desired frequency. In one embodiment, the wordline voltage signal is determined as a function of the metastability voltage of the SRAM cells and an adjusted most positive down level voltage that is a function of a predetermined voltage margin and a most positive down level voltage that corresponds to the read-disturb voltage of the SRAM cells. Charge exchange is driven by the electric field applied at the charged droplet sprayer sample solution outlet. At least one measuring apparatus is arranged on the frame between the running rollers.

1459826828-6904ada8-d7c7-452b-abe3-89d35891b4da

Provided herein is a pharmaceutical composition comprising an antagonist, an agonist, a seal coat, and a sequestering polymer, wherein the antagonist, agonist, seal coat and at least one sequestering polymer are all components of a single unit, and wherein the seal coat forms a layer physically separating the antagonist from the agonist from one another. The sensor may include an integrated circuit substrate for receiving a user's finger adjacent thereto, and a first set of biometric sensing pixels on the substrate for sensing a first finger biometric characteristic to generate first finger biometric characteristic data having a first matching selectivity. The first magnetic film and the second magnetic film are magnetically joined with each other at a joint as viewed backward from the first pole chip and the second pole chip. For example, the process could be a low voltage CMOS process.

1459826828-e55fb730-2b51-4c7a-b574-a1e7bea31429

Variable stretch composites having one or more first elastomeric members disposed on a first region of an extensible substrate, and one or more second elastomeric members disposed on a second region of the extensible substrate which different from the first elastomeric members to provide variable properties to said regions of the composite. The measuring center sends the obtained measured data to a design center using communication apparatus. Example embodiments reduce power-up time and minimize current surges in the supply by selectively charging and discharging capacitance to the circuit during power-up and power-down of the bias circuit. 7% to about 5% by weight based on the total weight of the uranium component of the triuranium disilicide.

1459826828-f41ef0d1-0a03-4c18-ab9e-f3b489f5a2e8

An optical element includes a dichroic surface formed by a multilayer dielectric film or the like and a polarized beam splitter surface formed by a multilayer dielectric film or the like. A memory cell of interest can be read using a

reference value based on a level of charge read from a neighboring memory cell. For example, each router comprises control logic that implements a security protocol dictated, at least in part, by contents of at least two separate external storage devices, each storage device separate from, but coupled to, one of the ports of said router. The handle portion has a length equal to or larger than half a length of the object along the passage opening when the handle portion is extended in a direction along the passage opening. In another embodiment, trenches are formed between every floating gate along a row, a sourcedrain diffusion extending along the bottom of the trench and upwards along one side with the opposite side of the trench being the select transistor channel for a cell. Information that causes insurance costs to vary may be highlighted.

1459826829-39bbe04d-0e49-49c9-b466-d24f6e482d3b

A method of screen printing positionally synchronizes a plurality of pallet assemblies on a first screen printing machine with a plurality of pallet assemblies on a second screen printing machine. In one embodiment, an optical switching system is provided. The recess is formed in the semiconductor layer adjacent to the first sidewall of the select gate. Based on the backup path, the server generates a list of files and/or directories to backup. Such wire meets SAE J1678 specifications at 125 C. Also described is an apparatus and method for activating and authenticating the communications device interchangeable device combinations, thereby providing device compatibility and security.

1459826829-60a0f878-66d3-4c59-beed-8a883c809be7

A structure for implementation of back-illuminated CMOS or CCD imagers. First, a set of administrative function steps to be performed are identified. The image processing of the image by the second image pickup unit is an image matching with a template image. The trench structure may include a textured surface for increased solar radiation collection. The coin is preferably provided with a decorative design and the LEDs are preferably arranged within or around the design so as to draw attention thereto during flashing action. The operation time for the synchronized ripping operation is reduced accordingly.

1459826829-8c0f8dc4-86c0-491b-8108-579c519a0184

Methods and apparatus are provided to measure isotopic characteristics of a number of sample types. The connector includes an elongated housing, a plurality of terminals retained in the elongated housing, and at least one lock mechanism for locking the daughter card. This makes mounting the electrical leads on the instrument panel particularly easy.

1459826829-f8e9119e-7080-49e8-8618-f9c47573f195

A method and apparatus provide for rapid power control based on a quality related value, e. An opening extends in a continuous manner upward into the back portion, and downward into the seat portion. At least part of instructions for monitoring and detecting the one or more trigger events is provided to an asset used to implement the application.

1459826830-3087938c-27cd-4048-a0fc-8a7f65a9bb7d

A switched-mode power amplifier is configured for performing power amplification of a plurality of signals input thereto and integrally summing those signals. If the permission grant is delayed, however, the delivery of the mobile subscriber's information can be provided at a later time to the requesting party if the mobile subscriber subsequently grants permission. The axle transmitter assembly is mounted on the vehicle frame such that the actuator lever arm rests on the axle. The method also includes identifying a slave processing element associated with the portion of the three-dimensional image. The preferred polymeric compositions are produced through the copolymerization of one or more aromatic-substituted polysiloxane prepolymers with one or more aromatic monomers, alkylated monomers or hydrophilic monomers.

1459826830-973c3e62-dde4-44eb-946f-ff632c5c3333

A method and system for decoding symbols of variable length in a digital video bit stream in real time, using Very Long Instruction Word architecture. A first table comprising one or more rows is processed through a hardware accelerator. Then longitudinally copying and laterally copying block data is longitudinally and laterally copied after entering the size and basic shape type of the work.

1459826830-a0dc968f-78e8-416e-ba89-a9b9a6b58867

Described herein is a data collection and warehousing system that collects log files from a plurality of servers, and that transforms the entries of the log files prior to using them to populate a database. More particularly, a program is described having a capability of displaying a single character at a time, more than one character at a time or all of otherwise disguised characters of a password in an undisguised form in response to a successful pre-password check. The digital identity is provided to a first party, where the digital identity includes a self-asserted claim. A first barrier layer is conformably formed on the titanium layer in the opening. The strength of such amorphous polymers is enhanced by annealing to increase crystallinity without substantially increasing the biodegradation time. Hyperpolarized xenon-129 is introduced into two compartments between which xenon-129 can be exchanged, for example, into the blood vessels of mammal organs and the tissue of said organ or into compartments within inorganic objects.

1459826830-dbb5ae4a-9b5b-4bba-93bd-433c24b2061c

The invention concerns a method and system for generating a dummy bidirectional predictive picture which can be repeated during display with substantially no vibration in which the dummy bidirectional predictive picture contains at least two fields. The sensor assembly includes a sensor tube located in the tank and a gauging rod assembly positioned in the sensor tube. In one embodiment of the present invention, various criteria are used such as mechanical energy, metabolic energy and/or a stability equilibrium factor. The MOSFET fabrication methodology and device structure further results in a device having a lower gate conductor width less than the minimum lithographic minimum image, and a wider upper gate conductor portion width which may be greater than the minimum lithographic image.

1459826831-29100e2f-0881-42cb-96ee-9c361c9b6c6a

A ball screw which is little subject to deterioration of operating characteristics and occurrence of wear, torque change, noise, vibration, etc. The method includes providing a default preloading scheme. Left and right upper rails extend longitudinally above the front wheels and outboard of the left and right frame rails and are connected respectively to the left and right frame rails by left and right braces. A collar is provided on the tube adjacent the distal end of the syringe barrel. Accidental removal of the shield is thus prevented.

1459826831-5d801789-ba56-466b-a62b-837aa5ac7fba

Cement compositions comprising carboxylated inulin and methods of using the same to cement a workspace. The device is provided on a front end of a metal cylinder thereof having therein an LED assembly and a battery assembly with a socket to receive the LED. An interface displays a generated alarm to an operator and receives a dynamic rating value from the operator related to the generated alarm. The displacement device has an actuator which directly or indirectly moves the first drum about the center axis. The portable meter user can thus set the tester to match the commercial tester which will be testing his grain and can also perform calibration offset adjustments to further conform measurements between his meter and the particular commercial tester actually used, relative to the default moisture curves for each commercial tester, and each type of grain.

1459826831-db997b2e-c763-4fad-be42-11163084818f

Embodiments of the invention relate to an invention for accessing a remotely

located mobile device of a user based on certain events. A drive transistor has a gate for receiving the charge in the photo diode to output as an electrical signal, and a drain to which a power voltage is applied. A coupling element is coupled to the light source at one of its end to receive the light beam therefrom. The third layer comprises a non-polar thermoplastic such as high density polyethylene, low density polyethylene, linear low density polyethylene, or a blend thereof. As such, tissue products can pickup bacteria from a surface and substantially hold the bacteria in the sheet to help prevent spreading bacteria to other surfaces.

1459826832-4573643c-3872-42f7-8a78-0a066c293557

A friction clutch includes a clutch boss and a pressure member that change in a relative position in a rotation direction. The method involves the steps of first obtaining a material having a via. Thereby, it is achieved that the lower space can be brought to contain different amounts of granules.

1459826832-55fbe899-d7ff-4c4d-b40b-84123657b70e

A vehicle seat, particularly a commercial-vehicle seat is provided with a scissor-type stand which is able to vibrate and which is provided with a top frame, two first rocker arms and two second rocker arms, which intersect in pairs at a scissor axis extending in a transverse seat direction. The length of the channel can be minimized by exposing light through the apertures in an exposure mask when forming the channel. The present invention also provides a novel intermediate useful in producing the compound of the present invention. The multiplication operation is determined by a condition under which the element in the finite field is placed in an algebraic torus. A first power supply connection circuit selectively electrically connects a power supply line having a first potential to the second bit line. At least one capacity unit can be allocated to a given base station group which comprises at least two base transceiver stations.

1459826832-b1536cf9-c1a7-41d9-824e-aab7305f8d37

A method of caching contextually variant objects in a common cache. A domain configuration manager is described which interactively receives domain configuration information corresponding to a data structure element, reads a reflection of the program and produces a data domain according to domain configuration information. If desired, DC power output can be accommodated as zero power-frequency operation. The dispensing head and the tilt-type valve may be configured such that actuation of the tilt-type valve may be achieved only by applying a force on the tilt-type valve in a direction lateral to the tilt-type valve.

1459826832-c5814c71-b63e-435d-a4de-9168e3faabe1

Methods and apparatus for correcting defects, such as rounded corners and line end shortening, in patterns formed via lithography are provided. The method requires the use of gate electrode materials having lower electron affinities than the channel, source and drain regions. In accordance with the invention either the displacement member or the cam element or the control member may be driven, whereas depending on which component is driven the cam element or the displacement member is mounted so as to be freely adjustable, and the remaining third component is accommodated integral with the housing. A second receiver chip includes a second tuner, and a second demodulator directly connected to the second tuner. The method includes receiving a message from a calling party to a receiving party and performing a lookup of information relating to the calling party in a database, wherein the lookup is based on an identifier associated with the message. Thereafter, an alert is sent to the alert party if the calling party information is unavailable in a contact list of the receiving party.

1459826832-d6c03edc-64a3-476c-85b2-29a5bb250564

Optical infinite impulse response filters are efficient polarization mode dispersion compensators, requiring fewer stages than finite impulse response

filters. The method further includes performing a cleavage ion implantation step on one of the pair of wafers by ion implanting a second species to define a cleavage plane across a diameter of the wafer at the predetermined depth below the top surface of the one wafer. The snoop queue circuitry has a snoop request queue for storing a plurality of entries.

1459826833-2568e7f8-213a-4b44-a75d-37be8921aa53

A nonvolatile ferroelectric memory device is provided so as to control readwrite operations of a nonvolatile memory cell using a channel resistance of the memory cell which is differentiated by polarity states of a ferroelectric material. A sail assembly is affixed to the main mast with a rotational joint wherein the sail assembly is rotatable about a vertical axis of the main mast in a first direction and is also rotatable about a horizontal axis substantially at right angles with respect to the main mast in a second direction. The time of signal integration is different for each detector, allowing one detector to have a higher sensitivity by integrating over a longer time period while the second detector using shorter integration periods is able to measure kinetic events. The gate insulation layer is disposed on the source electrode, the first channel layers and the drain electrode. If the device is not recognized, the command is forwarded to another zone within a set of zones until either the device is found or no such device is located. The chipping of the wafer can be prevented, and in coating the wafer with a photoresist, forming an epiaxially grown layer on the wafer, etc.

1459826833-a4a9945e-9336-4e0a-8227-18c36c058cc7

A method and apparatus for anodizing a component. An infrared wave-collecting device is disposed at the front end in the main body. An assembly includes a first component configured to be attached to a first member of the anatomical joint; a second component configured to be attached to a second member of the anatomical joint; and a joint joining the first and second components. Alternatively, the surfactant can also be applied to the photo-resist layer after it has been developed into a photo-resist pattern. A registration control unit performs control to assign the car stop call, including a second and later responses to the registration floor of the car stop call, based on a determination result of the boarding possibility. Upon the occurrence of an abrupt torque change on at least one monitored element, the monitoring device generates an output signal associated with a web break.

1459826833-e37b20ef-2c32-4d19-a66c-9dc97bb571ad

If the temperature  $T_1$  of the middle part of a heat roller 2 is higher than the temperature  $T_2$  of the end parts of the heat roller 2  $T_1 \setminus u2267$ , the operating time B of side coils 5 and 6 is set longer than the operating time A of a center coil. Various subsequent manipulations can be performed to obtain either antibodies per se or analogs thereof. The phase change cell is formed of material having at least two solid phases, and the lateral extent of the upper and lower phase change members is substantially greater than that of the kernel member. This configuration eliminates margins provided by software at ends of the movement range of the focusing ring 5. The inner facial features can include a pair of eyes, a nose and a mouth.

1459826834-2b4e779a-1952-411e-bce6-96f702c939d0

Propellant modules for Micro Pulsed Plasma Thrusters, and techniques for bundling propellant modules and for using a two-stage discharge process to increase MicroPPT propellant throughput, and decrease the output voltage required from the power-processing unit are provided. The vehicular and marine fire suppression system including a first canister, a second canister and an actuation mechanism. Control logic monitors activity by the processor to alert the co-processors of communications by the processor written to the memory and otherwise allows the processor and co-processors to think they are interfacing directly with one another. A central cut out is provided in the platform into which a stainpaint

applicator is mounted in a floating arrangement within the cut out and biased downwardly as to dispense paintstain onto the opposing board edges in the joints.

1459826834-462c3372-cc73-405c-8056-67d2fcc21925

A method for positioning a wireless terminal, and a related device and system are provided. Pharmaceutical compositions comprising the compounds are also provided, as are methods of using the compounds in a variety of therapeutic applications, including the treatment of a cognitive disorder, psychotic disorder, neurotransmitter-mediated disorder and/or a neuronal disorder. The cementitious systems are infrared reflective and may be toppings mixed with water for application to existing concrete surfaces, or dry-shake hardeners for application to freshly-placed plastic concrete. Using this method it is not necessary to infer the actual \u201cfilter load\u201d per-se or, the actual particle mass trapped in the filter.

1459826834-b9a6bde8-8475-42a1-a687-308bc88c12f2

A Zener diode and at least one transistor are connected in series in a reverse direction between a drain of a field effect transistor and a gate thereof. A plurality of multi-purpose input/output blocks is configured to provide analog-to-digital conversion and other IO functionality. The retardation of the retardation film has smaller temperature dependency than the retardation of the liquid crystal layer. The method includes storing contents of a current entry in a frame list in a next pointer in the queue head. The head band has a free end that is adjustably insertable into the channel of the brim to select a size of the head band for the head of the wearer.

1459826835-60ee7742-d9c2-4bde-b561-cdcb3b42995e

The present invention relates to an apparatus packaging components of an optical reading device which may include illumination optical elements, receive optical elements, and signal processing elements. The identification system identifies one or more characteristic relating to the organic photo conducting drum. 5-fold relative to that of a layer which does not comprise said air interface control agent. The labeler/printer can be easily loaded with label and webs of different widths. of from about 2 mm<sup>2</sup>s to about 50 mm<sup>2</sup>s, containing 90 wt % or more saturates, having less than about 5 ppm sulfur, and wherein the base oil is derived from a waxy feed; said composition being free of a tallow diamine/propane dioleate; and containing a minor amount of a polyester of an aliphatic carboxylic acid having 12 to 24 carbon atoms and an oil soluble or oil dispersible molybdenum compound. The medical apparatus includes a contractible snare and a plurality of axially moveable snare pushing arms.

1459826835-723b3ae1-fd0c-4c35-b041-67975d0ca563

An on-vehicle antenna system which offers a superior receiving performance, by suppressing reception of reflected/scattered waves coming from inside of the vehicle's cabin; these reflected/scattered waves being an adverse factor which deteriorates signal receiving performance of an antenna. % of an oligomeric esteramine or oligomeric esterquat, obtainable by reaction of an alkanol amine with a polycarboxylic acid and with a fatty alcohol and optionally a fatty acid, optionally followed by quaternization. The ink receiving layer includes a non-film forming polymer, a binder chosen from any of water dispersible binders or water soluble binders, and a pigment. A novel ULK dual damascene structure is disclosed with densified interfaces and no hard-masks. The cam profile is shaped to adjust the position of the beam relative to the pedal arm as the pedal arm swings relative to the vehicle.

1459826835-9d78b5cb-b2fc-4137-a936-2bdc34cba797

A vertical semiconductor device having a vertical channel region is disclosed. The device has a moveable member which may be a shaft, a sensor for measuring force applied to the shaft; and a resistance means to vary the resistance to movement of



the moveable member such as an electric brake. Consequently, after completion of metering process and before injection process, the screw is moved forward after the screw has been rotated in reverse a predetermined amount to prevent resin backflow. Moreover, computation of the keep-alive value is performed only once for a given NAT device rather than being an on-going process for that NAT device. The invention also provides a process in which a reactant is converted to a product by passing through a reaction chamber containing the catalyst. This invention further relates to the use of the compounds of this invention for mediating the bone modeling and remodeling processes of the osteoblasts and osteoclasts.

1459826835-d01721eb-187b-4c6c-b220-d432456fe59a

A semiconductor package and its production method in which the semiconductor package is produced by having via holes for electrically connecting top and bottom surface of a double-sided copper clad substrate and cutting the substrate at a line separating the via holes into half. A plurality of permanent magnet elements are associated with the drive module and each are switchable between a non-shunted state when adjacent the hull and a shunted state when not adjacent the hull. An integrated circuit buffer device enables configurable effective memory organization of the plurality of integrated circuit memory devices.

1459826836-3ec991c0-9a4c-4bd7-ba5c-84bc19ebc3d9

Systems and methods of fabricating a U-shaped memory device with a recessed channel and a segmentedseparated ONO layer are provided. The heads can be tailored to different performance criteria depending on the needs of the measurement operation that is to take place. Furthermore, these materials exhibit selectivity relative to other gases such as nitrogen, methane, and oxygen.

1459826836-74e8e91b-adc5-4532-ad5d-5c4adb42504d

An architecture for customizing the amount of web page banner advertising content presented to a user. The index nodes contain index data which is sorted in the indexing tree according to one or several given criteria. The invention further relates to a computer system, a user terminal and a program storage device readable by a processing apparatus. , will indicate a non-zero flow during a period of zero flow.

1459826836-8e8b7c90-2b66-460e-9cfa-e735b46012c0

A electrosurgical electrode specifically adapted for use in a surgical procedure for removing lymphoid tissue, specifically a tonsillectomy or adenoidectomy procedure. The optical sight has a shrouded array of fiber optics sight pins which are removable from the sight housing with their support as a single unit. The location of fiducial marks using the method of the invention is about 1 micron or less. Hole-doped Li<sub>1-x</sub>BC can then be produced, such as through vacuum de-intercalation from the LiBC. A tab portion may be integral with the plate and the tab portion engaged the nut.

1459826836-bc51ce50-8968-46be-94a9-cedae7afe7d2

A new distinct cultivar of *Sanvitalia speciosa* plant named \u2018DANVITAL4\u2019, characterized by its mounding and trailing plant habit; compact growth habit with good branching; about 200 inflorescences per plant, consisting of ray florets that are primarily yellow in color and disc florets that are primarily green in color; and medium tolerance to heat. The indexing tool turret assembly includes a tool turret assembly rotatably supported on the machine tool, an indexing assembly for selectively rotating the tool turret assembly to a desired location. When the structure is scanned, the targets are identified and can then be used in other operations, such as registration. The first cradle is mountable to the turret structure.

1459826837-348cf4c7-e173-48ad-a2ee-a9c1f3b42c4b

Performance sound is produced with a muffler that includes a casing with front,

rear and side walls, first and second compartment walls each with a central passage and side circular passages. The composition contains a functionalized dimethicone, nonionic surfactants, emulsifiers, a silicone fluid, an oxidized wax, an alkamidoalkyl dialkylamine, and water. Following bonding and handle folding, a cutter, such as a die cutter, is employed to cut through the layers to form individual pads. Preferred cytochrome P450 variants include those having an improved capability to hydroxylate alkanes and epoxidate alkenes comprising less than 8 carbons, and have amino acid substitutions corresponding to V78A, H236Q, and E252G of cytochrome P450 BM-3. A number of electrically conducting paths are formed on the surface of the material. Apertures located on the front side of the impeller may be formed in any suitable place, such as a hub of the impeller or an airfoil surface, to set forth just two non-limiting examples.

1459826837-50443a91-93c2-4a7e-b54e-4f4fb4766cb8

The invention relates to a method for bonding two substrates, in particular, two semiconductor substrates that, in order to be able to improve the reliability of the process, provides the step of providing a gaseous flow over the bonding surfaces of the substrates. The invention also provides methods of using the copper thick film paste composition to make a copper conductor on a substrate. In response to the reading of the stored file, at least part of the at least a portion of the stored file that has been read may be deleted. A switchgear transmits a driving force to the developer or blocks the driving force from being transmitted to the developer according to whether the cover opens or closes the body. The prism plate is laid on the light guide plate with the second protrusion and the edge of the prism plate abutting the first protrusion.

1459826837-70f8ebf4-7a2a-42ed-9e99-e80a322d1473

A control apparatus and method for a vehicle that has at least one detector that detects a running state of the vehicle, and a controller that receives a result of detection by the detector and controls a predetermined vehicle-installed apparatus. In particular, the substance may have excellent solubility and can be easily formed into a thin film. The communication system synchronizes the receiver by employing the signal stream. Thereafter, a comparison between values for the points in time may be used to correlate the two conditions during query processing.

1459826837-fbb36ae7-74b8-47b6-a7d8-4a4f089f5aeb

A server proxy, which is arranged between a distribution server and a router, adds quality information to a packet from the distribution server to output a packet. In some examples, multiplicative coefficients are represented digitally, and are transformed to configure the reconfigurable circuitry to achieve a linear relationship between a desired coefficient and a degree of charge transfer. The isolation resistance is a function of the coolant conductivity. The systems and methods may be incorporated into collaborative online video editing environments. In consequence, a user viewing the display with the active glasses can view the private data while unauthorized viewers without the active glasses can view only the private data obscured by the obscuring lights.

1459826838-53a0482b-1f0b-4b6f-864f-e281ce2c47b6

The invention relates to a method for preparing a product having a low content of microorganisms by using steam. Some embodiments of the invention allow an agent of a server to detect human interaction events on a client system. The metal seat is configured to be installed on a first electronic device.

1459826838-7029b318-8453-4bfd-a25a-eb6b90ad3a8f

A portable device has a rear facing camera assembly and a front facing display assembly that includes at least a protective cover layer, a display stack that includes a plurality of display components arranged in a plurality of interconnected layers, the display stack providing an imaging service, and a flat support chassis arranged to provide support for the display stack. The method

further includes generating with said client abstraction layer a request for information from said management layer database, wherein said database comprises information describing each managed object of said object-oriented model. Also provided is the distillation apparatus including a flow rate control means in the line for directing the bottom liquid of the high-pressure part to the low-pressure part. A drive assembly is disposed within the housing which moves the jaw members.

1459826838-be6ef99c-f07a-4499-aa57-5f089b4ae68b

A magnetic tape apparatus prevents dirt from being deposited on a magnetic tape even when the tape is repeatedly moved in a short interval. An integrated circuit is attached to a target, such as an optical disc or electronic device. A heat-dissipation sheet is set at the bottom of the substrate.

1459826839-2e271dfb-468e-493b-967e-cff644e6c178

An organic light-emitting display and methods of manufacturing the same are disclosed. Conductive traces are formed on the printed circuit board to define a contact area. The battery pack 31 has an output section 34 that is provided in orthogonal to a virtual plane including a mount reference plane for the electronic equipment of the case 32, with a space between the virtual plane and the output section 34. A port is formed through the bulkhead fitting by cutting a hole through the valve assembly. A node is able to detect a switching event and the output power levels of signals leaving the node are maintained at a predetermined level. The frequency modulation and/or amplitude modulation may include continuously variable modulations and/or substantially instantaneous transitions between a first frequency and a second frequency and/or a first amplitude and a second amplitude.

1459826839-34cddcf6-de5a-467c-b86a-d70e30f44d95

A method for coating a metallic substrate includes applying a powder coating composition to a majority of a surface of the metallic substrate, and applying an autodepositable coating composition to less than the majority of the surface of the metallic substrate. Such information can be used for various purposes, including identifying an image as originating from a particular source. and the exhaust pipe is heated at 100°C. A user may obtain an objective measurement of oral cavity soft tissue health by determining an objective measurement of the component color values of a gingival tissue image region and performing statistical analysis on the color values.

1459826839-ab31cd10-c517-4cc7-aa09-f5509f035e66

A computer system for managing security information for an organization includes a scanner execution module configured to automatically execute at least two scanners in a predetermined interval to analyze potential vulnerabilities of a computer environment. A cavity is provided at one end of the body and an arc discharge tube that provides a substantially spherical light source is positioned in the cavity and disposed on the longitudinal axis. A method for packaging, in sequence, a first beverage comprising particulates in a liquid and a second beverage comprising a carbonated beverage.

1459826839-de44f549-1902-4cfe-b8a3-9cd44b298625

A laser processing method is provided, which, even when a substrate formed with a laminate part including a plurality of functional devices is thick, can cut the substrate and laminate part with a high precision. The sensor has, for example, a substrate, a recessed channel formed in the substrate, and conductive material disposed in the recessed channel to form a working electrode. A first AC power converter provides DC power to a common DC bus of the power supply. The fastening screw is thereby temporarily attached to the installation and removal tool during installation and removal of the fastening screw. Therefore, it is possible to improve the uniformity of the temperature of the wafer 28 which is to be heated by the heater plate 16.

1459826839-e7cbd6d8-ad1f-4fac-89cb-0ac8f7e0a0c7

Example embodiments relate to providing pixel-based visualizations of time series data using nested helices. The second antenna group includes individually-controllable, longitudinal second antenna elements. In the formula,  $n$  is 1 or 2;  $R_1$  and  $R_2$  are H, a halogen atom, cyano group, optionally substituted alkyl group, optionally substituted aryl group or the like;  $R_3$  is H, a halogen atom, optionally substituted alkyl group or the like;  $R_4$  and  $R_5$  are H, a halogen atom, OH or the like; and  $R_6$  and  $R_X$  are H or OH;  $R_Y$  is F or OH. The invention also relates to soybean cultivars or breeding cultivars, and plant parts derived from soybean cultivar UA 5213C.

1459826840-b57c79cb-f3b5-4e0a-83bb-b835d4d14714

A form assembly for forming a concrete structure during drying of the concrete. The received composite signal is demultiplexed into the sub-signals by automatically detecting the boundary indicators between the sub-signals in the composite signal. The mapping is generated in two phases. These systems may be useful in any suitable imaging context, including navigation, targeting, search and rescue, law enforcement, and/or surveillance, among others.

1459826840-e41fd1a4-22e7-4aac-8bca-4eed90e6f15d

Methods for fabricating sublithographic, nanoscale microchannels utilizing an aqueous emulsion of an amphiphilic agent and a water-soluble, hydrogel-forming polymer, and films and devices formed from these methods are provided. The system includes an IV pump having pump operation circuitry for monitoring preselected characteristics of pump operation indicative of IV administration of medication to a patient. When the camera module is in a photographing state, the magnetism generating part is arranged at a position distant from the magnetism detecting element by at least the distance of  $D$  mm or more, where  $D = \frac{\text{magnetic force}}{\text{the magnetism generating part gauss}}$ .

1459826841-3f8b746a-1965-45a9-9b8e-2e9c2e0b3bc6

A gas sensor and nitrogen oxide sensor, which, when fitted to the exhaust system of an internal combustion engine, can suppress the influence of harmful substances contained in a measurement gas and can prevent the reduction in sensitivity over time. Each sample includes one or more lubricating oil additives, or a combination of one or more lubricant base oils and one or more lubricating oil additives. Specialized clamps provide adjustable and releasable securing of the flag to the sleeve. The ends of the wire are also coupled to the anode and cathode of the fuel cell. Similarly, by repeating movement of and exposure with the exposure unit, the entire surface of the powdered body is exposed. The hair coloring applicator may simultaneously apply one or more colors of hair coloring material to strands of hair.

1459826841-9850f983-8872-4203-b8ad-943a516a1405

A dye sensitized solar cell having a structured electrode. The portable electronic device may include a first and a second image capturing unit. On the ground glass, a parting frame appropriate to a design illumination region is formed. Thus, a driven member having the vane rotor can be made smaller. The radar apparatus further uses a complex amplitude monopulse ratio and a weighted target angle histogram to distinguish between closely separated targets that would otherwise be viewed as a single target by conventional monopulse radar apparatuses. In this manner, the corresponding tapers of the first and second orthopedic components may be seated.

1459826842-0ea55a04-e519-4c0e-835d-9d968005b692

A surgical instrument particular suited to endoscopic use is disclosed. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention

fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Additionally, it is possible to firmly clamp the flange end to upstanding frame parts of the fixture with fastening elements, thereby providing a stable connection between a console of the fixture and the upstanding frame parts. Accordingly, the sound emitted by the sound and heartbeat playback system may aid in calming infants when they are agitated and/or tired. Methods of treating a disorder or symptom of a disorder related to aberrant ABC transporter activity are also provided. The laser is activated when the golf ball mechanism is in the fallen position, and deactivated when the golf ball mechanism is upright and ready for a golfer to strike.

1459826842-4990c462-c8dd-4c5a-9281-edaf2ec9d45e

A system and method for determining an adequate sample size for statistics collection is disclosed. The ultra-low loss waveguide element may be adapted to fabricate a number of devices, including a wedge resonator and a ultra-low loss optical delay line having an extended waveguide length. The group of spherical bodies C comprises a first group of spherical bodies C1.

1459826843-22947e33-778e-458e-8af5-6a2429ae09a9

An input image signal is coded by an encoder to be outputted as a basic code string, and the basic code string is delayed by a code-string delay circuit for a predetermined period of time to be outputted as an additional code string. Information packets are encapsulated and decapsulated along the route as the information packet is forwarded among the various networks on its path to the destination address; either the mobile node on a foreign network or a correspondence node on a virtual private network. The services manager may maintain a list of authorized users. A method of mixing process gas in a chemical processing region of a chemical processing system is provided in which a first process gas and a second process gas are injected into the chemical processing region and mixed. The time delay generator exhibits reduced phase noise and a linear time delay response.

1459826843-86b1de20-2046-489c-a402-5d8490d4e17c

The present invention relates to the analysis of cytological material. The transfer of data from an old database to a new database is structured as a set of small transactions. A second spring for urging the cap body forward is received in the inner tube. A charging circuit is operative to generate an electrostatic charge so that the brake dust is attracted to the charged collector plate. 6 to about 500 milligrams, more preferably from about 35 to about 100 milligrams, of one or more methylxanthine alkaloids per 1 gram of the chocolate product.

1459826843-a14e444a-4116-4836-8b9a-98a0d2449128

According to an aspect, a mobile electronic device includes a touch panel and a control unit. The method and the apparatus make it feasible to produce commercially titanium metal suitable for a variety of applications from titanium oxide. An alley is provided outside the boxes for the female hogs to defecate, urinate, and move to feed and water stations outside the boxes.

1459826843-a4cdb22b-2e57-41da-8e67-5324043c54fc

A method and apparatus for color plane interpolation are provided which interpolates the color values of pixels differently depending on an edge direction and whether a pixel is at an edge within an image. The non-redundant elements are ignored or removed from the critical area analysis performed for undesired opens. The bitmap can include an array or grid of characters wherein each row has a unique orientation, for example, ranging from zero to ninety degrees. By delivering commands to the central processing unit, the application specific integrated circuit can be caused to transition between playback states to provide desired playback of said digital video and audio.

1459826843-cbbbfd05-3fa3-4cc6-a26f-c784c40834ea

A method and apparatus for receiving control information in a digital broadcasting communication system. The video of the external world and the image-processed image of the display area A can be viewed simultaneously by an observer on the display section 10. Part of the display can be statically mounted on the display window, in particular, printed thereon. Due to the Doppler Effect, a unique lower frequency is generated.

1459826843-f68f731c-8a32-472f-a138-0594209e0bcd

A search facility is used to predict the impact of change on events detected in application logic, where the change may involve a computing resource used by or referenced by the application logic and/or by event detection logic. Several user profiles are provided from which a user may be associated. The task network represents the relationships between the tasks of the first process. The second upright portion is biased towards and yieldingly interlocks with the channel. The invention thereby provides a timing generation circuit which can contribute to miniaturization and reduction of the cost of the set and a display apparatus of the active matrix type in which the timing generation circuit is incorporated.

1459826844-c686e649-df52-4cb5-863f-940c89584c65

The present invention provides a plastic container containing albumin solution and a packaged plastic container containing an albumin solution. The host may be a portable device that includes a memory, a memory controller, and a communication interface for communication with the external host. The other program or station specific text is separated from the associated text string, decoded, processed and stored in function specific memories. The activity and inactivity of each of the EEPROM circuits may also be controlled by a logical combination of a master chip enable signal and a chip enable signal of each of the individual EEPROM circuits.

1459826844-f15d6d85-b8e8-4edf-85e0-a289aae8d85f

A joint synchronizer and decoder that implements two decision aided processes, which are referred to as \u201cdecision aided candidate selection\u201d and \u201cdecision aided synchronization and decoding. The number of parts used are reduced and the removal and installation of the swing arm is facilitated. The botanical article may include flower petals, leaves, skeleton leaves, plant skins, and combinations thereof. A single-ended, context-independent code is realized by assigning limited-weight codes using a frequency-based mapping technique.

1459826845-2d863fd0-5515-47ce-8372-67b44b09d10f

An embodiment of the invention provides a method for processing a secure electronic transaction over a network from a sender to a receiver, which includes the process of generating a first unique representation of information included in the transaction, encrypting the information with a first encryption layer, and forming an encryption packet which includes the first encryption layer. 1 to about 10% by weight of an alkyl polyglycoside of formula I:. An image sensor may implement an in-pixel charge summing readout mode in which charges from pairs of pixels are summed onto a common node and then read out from the common node. For example, the phosphorescent dopant compound may be comprised of platinum octaethylporphine, which is a compound having the chemical structure with the formula:. As a result, a highly decorative sequin sewn member in which a plurality of sequins are overlapped can be produced with ease.

1459826845-62631368-f1c2-4ada-a2ba-c1c70db756e8

A condenser for a power module combines a plurality of aluminum materials to form a casing equipped with a channel for coolant therein, thus making it possible to keep material costs low. In a passage of methane gas prior to combustion, there is positioned absorbent material produced by mixing at least carbon with tourmaline as an absorption material of absorptivity higher than that of the material of the

methane gas passage. The ODN is an active or passive network.

1459826845-7130024d-a397-4852-bce5-bac1b761cbf8

One or more preambles are inserted into frames of Orthogonal Frequency Multiplexing-Multiple Input, Multiple Output signals. A via cavity is formed in the first dielectric layer, which exposes the first conductive layer. The switching device has a first terminal coupled with the output node of the control circuit.

1459826845-e9fb7f34-8937-404f-98b2-5cfb81d76586

In a first embodiment of the present invention, in order to increase the number of holes injected into the emissive layer, an intermixed layer is formed from the intermixing of the hole transport layer and the emissive layer. This new variety has rose-pink colored flowers and dark green foliage. Sealing is achieved through a dielectric sealing element, such as a spring-loaded polytetrafluoroethylene ring. The remote control includes a receiver for receiving the locate signal. The exhaust gas purifying catalyst includes: noble metal particles ; and supports, each support supporting the noble metal particles, wherein at least a certain amount of the noble metal particles is provided on an outermost surface of the support, or provided within a range of 10% inside of a diameter of the support from the outermost surface in a direction toward a center of the support.

1459826846-09491696-3f0f-4a5f-b748-275d84bcffff

A deliverable four dimensional intensity modulated radiation therapy planning method is disclosed, for delivery using a linear accelerator with a dynamic multi-leaf collimator. One device includes a plurality of spaced-apart buried fin contact structures positioned within a recess in a raised isolation structure on opposite sides of a gate structure. for a period between 10 minutes to 36 hours. At least one of the clubs of the set includes a sandwich-type construction for the hitting face having a dampening element disposed between a hitting face insert and a lightweight reinforcing core. Further, the notification includes an identification information of the application and an identification information of the user action provided by the application.

1459826846-3a531220-418c-4c79-8a58-dee36d57cd22

Drilling systems and methods for enlarging a borehole that include an expandable reamer and an expandable stabilizer axially coupled above the expandable reamer are disclosed. A light-emitting device emits an optical signal. The device control comprises a programmed controller for operating the load control device responsive to control commands and a communication circuit for receiving control commands. The response allows the user to be validated against a stored record of the pass code allocated to the user. These compounds may be used to scavenge mercaptans, sulfides, cyanides, and primary or secondary amines; either alone or in combination. One example of a suitable ester compound is acetyl triethyl citrate.

1459826846-6675a660-2411-42af-9331-6c1cffffbb585

A petunia cultivar particularly distinguished by purple colored flowers, compact habit and good basal branching. The method includes measuring a smoothed periodicity of an audio signal segment, such as an audio frame, wherein the smoothed periodicity is measured by low-pass filtering an instantaneous periodicity of the audio signal segment. Methods for producing a maize plant that comprises crossing hybrid maize variety X08D395 with another maize plant.

1459826846-a526715e-c13e-4378-82e6-bd852f6fc871

A chemical mechanical polishing apparatus includes a polishing pad. The composition cures at room temperature or lower temperature while it is fully adhesive to metal and plastic substrates. The process then selects a set of conductive paths in the radio frequency identification tag corresponding to the desired operative range.

1459826847-1dfe910e-46ae-460d-9941-e9587c8dcb1c

A rotational speed-reduction device is disclosed. A subnet manager can determine whether there is a path record change when a fault occurs in the middleware machine environment. Each opening is dimensioned to receive one or more cables entering and/or exiting the housing. A swivel ball is disposed within the concave ball-retaining member, and a rigid Catch retainer arm is affixed to the swivel ball at one end. Ink-aware applications may call on methods of the electronic ink object to adjust formatting, search recognized ink along with text, and perform other functions.

1459826847-a348e6fb-dd8a-4074-a88c-ef6e2002c003

The present invention relates to a universal line usage information reporting system. In one aspect, the apparatus uses a liquid crystal dispensing unit to dispense liquid crystal. The second electrode is disposed between the first electrode and the one of the substrates, the second electrode is overlapped with the first electrode in the pixel region, is overlapped with the gate signal line, and is connected with the second electrode of an adjacent pixel region.

1459826848-b2d3555e-bd26-49f4-a3c4-26dfb6d04535

A data structure, database management system, and methods of validating data are disclosed. In one embodiment, a containment ring and a heat resistance ring are shrink interference fit on the inside diameter of the fan case, the containment ring where the large fan blades turn, and the heat resistance ring where heated air from backfiring heats up the fan case. The containers enable the user to organize and easily access the personal items being carried. The method includes receiving at least a packet header of a packet at a first node and based on the packet header, determining whether to transmit the packet to a second node in either layer L, layer L+1, or layer L+2. The N-oxide compound has an oxidation potential above the positive electrode recharged potential and serves as a cyclable redox chemical shuttle providing cell overcharge protection.

1459826849-1076cf6d-83c2-40c8-9c2b-8f99cd68d865

The invention in various embodiments is directed to quantum information processing elements and quantum information processing platforms employing such elements. The first amplifier includes a first output corresponding to a logarithm of the first input. The optical reader is controlled based on this determination. Use is made of a dispersoid having metal-oxygen bonds which is obtained by mixing a metal compound having at least three hydrolyzable groups with at least  $\text{H}_2\text{O}$ . An ultrasonic wave beam B is projected from one of the elements into a fluid passing through the conduit, the beam is reflected by an opposite surface of the conduit urged against the groove 2a, and the reflected beam is received by the other element. A bore is drilled through a frame encasing an insulating glass unit to expose the peripheral spacer of the unit, and a hole is drilled through a wall of the spacer to enable air to enter the space between the panes.

1459826849-fc7a7497-c897-4bc6-8eca-f4186f55a099

An apparatus, method and system are disclosed for providing a default mode for authentication failures in a mobile telecommunication network. A structure built with these columns can be constructed using a cost-effective and relatively safe method of lifting. The digital system further includes a static memory element having an input at the dynamic node and is configured to reside in an operational state in accordance with the data signal and the ramped clock signal. Other audio sub-band signals are processed to obtain enhanced audio sub-band signals.

1459826850-7d7b3290-a818-40c3-9afe-d89f2d4b8d8c

An ammonium hydroxyfluoroalkanesulfinic acid is obtained by using an organic base while sulfinating a bromofluoroalcohol with a sulfinating agent. The inorganic alignment film makes direct contact with the liquid crystal layer and is made of a crystalline conductive film where crystal grains are oriented in a predetermined direction preferentially. The illumination optics flood illuminates a grating



modulator with reduced light beams. A set point indicative of an allowable mass flow rate of oxygen within the exhaust gas exiting the diesel oxidation catalyst is received. The acceleration/deceleration system may further comprise a plurality of insulated conductors disposed proximate the plurality of voltage grading components to modify an electrical field about the plurality of voltage grading components. The panning input may be a dragging of a pan grip control.

1459826850-95088f8d-9e63-4b70-b467-e72dc97ef7e5

A sheet metal component includes a three dimensionally shaped first surface, a three dimensionally shaped second surface opposite and extending substantially parallel to the first surface and an edge interconnecting and extending about the perimeter of the first and second shaped surfaces. Flux directors conduct flux from a magnet in the lid to the magnet sensor. If so, an attempt is made to acquire the new lock and, on the failure to acquire, the administrator is informed that the lock has already been acquired by a prior administrator. The store uses the metadata to determine the storage layout for instances of the type.

1459826850-af5612cd-291c-477d-8070-2605741a428a

New compounds useful as synthetic intermediates to synthesize perindopril, a new process for synthesizing perindopril, and new salts of perindopril. Neurodegeneration mutants are obtained in the method and causal mutations are characterized. The heat absorption layer has deformability in shape in conformity with a prescribed part of the human body and is heated using human body temperature so as to cause a temperature difference between the upper and lower substrates, thus generating electricity in the thermoelectric transducer module. The serial communication requests include a request to transmit the control signal and requests generated by the microprocessor. The resistor and the release member are commonly connected to the third lead of the motor driver circuit.

1459826850-c340ff48-4f2c-408c-9242-ab2e221a4a34

A support body is described which has an adsorber material for adsorbing nitrogen oxides in an exhaust gas which is generated in at least one combustion chamber of an internal-combustion engine. Slippage is determined by monitoring the shaft speed into the clutch as well as the shaft speed downstream of the clutch. The arrays of test tubes is attached to the flanges via living hinges that enable the flexing to occur.

1459826850-c8570cf0-a6f5-4229-b129-c9e7c89bbfa3

A process for the steam reforming of hydrocarbons comprises partially oxidising a feedgas comprising a hydrocarbon feedstock with an oxygen-containing gas in the presence of steam to form a partially oxidised hydrocarbon gas mixture at a temperature  $>1200^{\circ}\text{C}$ . Drains of the amplifying transistors of the photosensitive cells are connected to a power supply line, and a pulsed power supply voltage is applied to the power supply line. The electrical conductors can be electrically connected with each other when the sample is secured, and a negative electric potential is applied to the electrical conductors. The stress buffering structure includes a first gasket and a second gasket. The measurements are repeated at least one additional depth of the BHA. The present invention provides an antireflective film material comprising a polymer comprising copolymerized repeating units expressed by the Formula and/or the Formula, an organic solvent, an acid generator and an optional crosslinking agent.

1459826851-4b379d39-9dab-4bf9-87d0-0dce63008d9a

A steering apparatus for a marine craft has a first bracket connectable to the stern of the marine craft. The apparatus comprises a container that includes a housing, an inlet located at a first end of the housing and an outlet located at a second end opposite the first end. Further, the substrate in at least a superficial layer on the liquid-layer side, and the III nitride source-material baseplate can be formed of a III nitride single crystal, while the face on the liquid-layer side

of the substrate can be made a III-atom surface, and the face on the liquid-layer side of the III nitride source-material baseplate can be made a nitrogen-atom surface. The mapping system may then match map tile data to the geographic location data extracted from the user activity data and send the matched map tile data to the mobile computing device for cache storage at the mobile computing device. An onboard intelligent electronic processing unit uses sensory feedback for autopilot, or assistive navigation, during certain scenarios such as performing user-requested optimum stopping maneuvers.

1459826851-63ed8274-e65b-43a4-9626-10407644e1bd

A high throughput, short batch cycle commercial ice making machine produces commercial ice which resists melting in convenient sizes for mobile food carts, market produce, or fish displays. The delay lock loop may include two phase shifters in series, and one or both of these may include a phase interpolator. The manipulation members thus have increased length-to-diameter ratio and column strength, and the cam provides positive lateral jaw support and stability during opening and closing. The first to fourth transistors share a well, and an output signal of the first transistor and an output signal of the second transistor have phases opposite to each other. In operation, when the multiplexing device is coupled via one of the device ports to a single ported device such as a single ported disk drive, the active multiplexer is activated and the bypass circuitry is deactivated and the multiplexed port is coupled to the device port. Biasing means applies pressure on the lateral plate sealing member to the end portion of the heat transfer unit and seals the end portions of the first and second flow passages.

1459826851-dc89c760-5878-40d4-a13d-eb633094ed7f

A nozzle or retaining cap for a plasma arc torch that includes a surface defining a conductive contact portion for exchanging heat with an adjacent torch component. In an exemplary embodiment, a physical layer test system, such as an integrated testing and analysis system, communicates with a broadband network management system, which in turn communicates with an element management system for a frame relay and/or ATM network. The UE device then uses the first and second radio resources to communicate cooperation data between the first and second access points to mitigate interference thereinbetween.

1459826852-888f5715-4b5f-4d9c-952b-267715ced143

Digital camera contrast enhancement with piecewise-linear transform with lower and upper cutoffs for the transform determined from histogram analysis with a green color conversion approximation for images and IIR parameter filtering for videos. The data is initially transmitted in an initial mode and the selection of the subsequent mode is based on a selection of first-order and second-order statistical parameters of short-term and long-term quality parameters. Due to the pronounced degree of tapering, enhanced deposition conditions may be accomplished during the subsequent electrochemical deposition process for commonly filling the via opening and a wide trench connected thereto.

1459826852-8c736ea8-39d4-479e-8e0e-77bb1b2247b6

A pick-up head for a mobile sweeping vehicle comprises a housing defining a substantially hollow interior and a suctioning bottom opening for suctioning dust and small debris. Compounds of particular interest are defined by Formula V: . And, rotation prevention pins are elastically supported by springs in a moving direction of the transfer nut, and are selectively locked, thereby allowing the transfer nut to perform an idle operation. The list includes, in order of preference, the last known good channel, golden channels that are likely to support cable modem services, \u201cleared\u201d golden channels consisting of previous last known good channels, and other channels within the frequency plan range. Reduction in overhead is achieved by providing a more efficient mechanism for user terminal and bearer identification as compared to using GTP-u and associated UDPIP headers. The implant provides a spinal extension stop while allowing freedom of spinal flexion.

1459826853-02844606-4594-4038-a8c5-04e1e3c07725

A trip actuator reset assembly for a circuit breaker includes a cradle assembly, a reset lever, a trip actuator, and a rigid element. Also, the object of the present invention is to provide a laminated glass produced by using the above-mentioned interlayer film. The matching and selecting steps are performed by at least one signal processing electronic device. Each of the separate command sequencers packs the received commands into a plurality of instruction packets and sending the instruction packets to a plurality of instruction dispatch units, in which each of the instruction packets includes one or more instructions. One image is generated from the respective data and the respective sensitivity maps. The label distribution sessions facilitate association of labels with either Radio Frequency channels or groups of the RF channels that extend from the remote PHYs to one or more cable modems.

1459826853-337ac892-c029-4f00-812c-5904fab2a8d6

An autosensor or other communication system processing device determines which of a number of available link variants is required for a particular communication link that couples customer premises equipment or another type of device to a network. A hardened layer is formed on the inner surface of the outer race and each portion where the outer race tracks are formed. The growth surface has a root-mean-square roughness of 3 nm or less, or is free of steps or protrusions larger than 3 nm.

1459826853-49332b2d-af69-472b-8a2d-10b6c9d20043

To detect an MSK modulation mark from an MSK-modulated wobble signal without fail. The system retrieves information related to a specific reticle set from various data sources and determines a price for the reticle set. These controls may contain definitions of data stores tag which produces a W3C compliant DOM with built-in parsing for XML documents) which may either locally define their data or cause the browser to request the data from a server on the network. A FEC decoder is arranged to accept the FEC metrics as input, and to process the metrics in an iterative FEC decoding process so as to decode the FEC code and reconstruct the data.

1459826853-b7120391-97df-43e9-874a-71f7a1bedc45

This disclosure describes techniques for improving mode selection decisions during the encoding of macroblocks of multimedia frames of a multimedia sequence. With this configuration, the voltage and power of the mixer circuit can be reduced. The eccentric cam may have a smooth outer edge defining an indiscrete range of positions or a profile outer surface that defines discrete depth setting positions. The control device determines a geometric shape defined by a time axis and a lift-height change of the needle. The circuit breaker actuating mechanism is driven to move through the transmission of the intermediate transmission mechanism, such that the closing action of the circuit breaker is ultimately realized.

1459826853-bdf4b782-7c40-4cbf-8a85-2c3b19b93f43

An apparatus for adjusting a thrust load on a rotor assembly of a gas turbine engine includes an impeller rear cavity defined between a rear face of an impeller of the rotor assembly and a stationary wall spaced axially apart from the rear surface of the impeller. The bicycle rack has a frame pivotally connected to a bracket which is connectable to a front of a bus. The golf club may be included in a set having a progressive sole configuration that provides desired bounce for each club within the set. Separating devices are in contact with the plates radially inward of the friction interface.

1459826854-ea26a1b9-882d-4de9-9b40-dcc5e95e9810

A resonator system wherein a plurality of resonators each including piezoelectric material are suspended relative to a substrate. Respective images constituting a panoramic picture are photographed, and image photography information is checked that includes focus distance and optical magnification to calculate actual

photography range distance of the images. The transmission of packet rate control messages can be triggered upon a determination that a packet arrival rate over a set of ingress ports exceeds a packet processing rate of a packet processing unit bound to the set of ingress ports. A withdrawing jig comes into sliding contact with the jig contact portion to deform the lock away from the terminal fitting to cancel the locked state. Thus, a conductive path can be formed by the conductive material between the electrically conductive pads of the circuit boards, thereby establishing electrical connection between the two circuit boards. The electronic display is used as the photonic source.

1459826855-3170f8f8-236c-4466-87ea-b9276191764d

A mobile terminal prompts a user to make a voice message upon detection of an abnormally interrupted call, and records the message. A stator is mounted in the housing and receives the first cooling flow. The sensing element mounts with the body, fixedly at two ends. A position pressed by the first pressing member on the sheet bundle and another position pressed by the second pressing member on the sheet bundle are shifted with respect to each other in the direction of the fold of the sheet bundle. Abrasive elements include bristle and porous structures.

1459826855-65320a6c-26d5-41e1-89e5-f6f0bb3c0d01

A method, system and apparatus for performing selective data processing based upon a static analysis of the code of a compiled object. The apparatus has a first computer system, a second computer system, and a rules engine. Each control and display unit includes a display element and a sensor associated with each container. In at least one embodiment, this is facilitated by providing user-selectable options for responding to incoming calls in an options menu, which can be accessed by a user but is not initially displayed to the user when an incoming call is first received. Excitation of a given phase causes induction of magnetic fluxes traversing a region substantially confined to the region of the stators and rotor segments corresponding to the given phase, and causes a substantial amount of flux to enter rotor segments not in the radial direction but perpendicular to the radial direction. With this, a function of a nonvolatile semiconductor device can be ensured and a variation in a threshold voltage of a floating gate can be suppressed.

1459826855-f10d14d2-97db-492c-8405-03853adbd36a

A securing apparatus includes a receiving portion, and two resilient arms. The first circuit may be configured to generate one or more command signals, a read data path control signal and one or more write data path control signals in response to an integrity protection control signal and one or more arbitration signals. Each of the nozzle opening arrays has plural nozzle openings. The image processing device is adapted to generate at least one three-dimensional image data set of the object volume based on obtained image data and is further adapted to compute a transfer function range for use in volume rendering. The second substrate includes a third electrode that faces the first and second electrodes.

1459826855-fa2bad44-dde8-46e5-b1af-9dca3bf429a2

Methods and apparatuses to obtain an ordered set of satellite positioning system satellites, in view of a mobile SPS receiver, via one or two-way communication with the mobile SPS receiver. A display apparatus for displaying an image by impressing a voltage on pixels by row electrodes and column electrodes disposed in a matrix, for example, a metal deposition type electrochemical display apparatus. For each software application contained in an application kit, one or more offerings are created, each offering including at least some of the additional application related data in the application kit and pricing terms for hosting of the application, and a server upon which the software application may be hosted is identified. The present application includes a database arrangement that stores data types in a table as components and searches the components for desired data entries. The cells can be used alone or in an array to make useful devices by

adding an insulating substrate and contact electrodes.

1459826856-0cad54b5-aae4-4415-9bc7-3670ecd95476

A controller for a vehicle may include communication channels and control logic. At least one optical amplifier is controlled based on an in situ performance characterization of the at least one optical amplifier and the transmission fiber. This enables an IC card connected to a client to be accessed using secure communication.

1459826856-909365f1-ef87-4f3c-9aba-c3799ac7b111

A junction for connecting two waveguides having substantially a 90-degree angular offset between longitudinal symmetry axes of their cross-sections. This technique avoids the use of chemical mechanical planarization with a combination of implantation and, in some instances, low cost batch etching. The first housing section includes a vertical side wall, and a horizontal contact section extending from a top edge of the vertical side wall in a horizontal direction and having a folded section formed by folding a portion of the horizontal contact section to form the non-coated surface as a part of an upper surface of the horizontal contact section. The auxiliary mirror assembly is detachably connected to the cover and has an auxiliary mirror mounted in one of the mounting recesses of the body to increase the viewing range of the vehicle rearview mirror. The detector provides a received call to the first output if it is a voice call and provides it to the second output if it is a data call. The NMOS gate work function exceeds the PMOS gate work function so as to compensate for a difference in the respective NMOS and PMOS threshold voltages.

1459826856-aff0b252-4787-4c56-97ab-ee85ca879507

A chopper arrangement for a harvesting machine comprises a body that is rotated in a predominantly vertical axis of rotation. Externally-stored descriptors are used to specify information on which a graphical editor engine operates to create a graphical editor. The pixel region includes a light shielding region and a transmitting region partitioned by the light shielding region. The process makes it possible to produce dense hard microcrystalline ceramic coatings of thickness up to 150 microns.

1459826857-4473f376-fc4e-41e0-9c03-8211618413d6

An improved method and apparatus for a liquid filling system is herein disclosed incorporating means for generating greater overall production rate efficiencies for automatic systems utilizing diverter valve and/or walking beam filling technologies with, for example, non-traditional ratios between the number of filling stations and the number of filling nozzles. The method is conducted by using a mechanism applicable to cephalometric X-ray imaging, which comprises an X-ray source in front of an object, an X-ray receiving element behind the object, and patient positioning implements. Also described is a method of determining the end of the period of use of the accessory. 02 wherein X is a refractive index of the first matrix plastic.

1459826857-9c54bc7e-453e-4889-964a-2320582d3065

Expected data signals are generated for a series of applied data signals having a known sequence to determine if groups of the data signals were properly captured. The controller controls the production of hydrogen by the hydrogen production facility based on inputs including energy resource availability. The panel loudspeakers can be supported by an existing stable wall. The first electrical connector assembly is releasably coupled to the exterior portion of the first module and includes a first connector having a first end adapted for electrical coupling to an electrical line. The wireless streaming link is inactive during the data receive window.

1459826857-f94cc245-d14e-4a86-a8ed-3850e3f77a19

This device is a compressible chamber designed to inject a liquid medication

through a plurality of needles. Each time-based code is valid for a predetermined time period. Furthermore, the fuel element includes parallel plates delimiting spaces between them.

1459826858-9fe2e4e4-c792-466b-b8b3-e428d2c9955b

With the recent yearly increase in cell density, use of the same slurry as a conventional one for forcibly depositing a solid, e. The fan is connected to an air distribution apparatus in the seat, and includes a flow region that is open to the environment. The first circuit is configured to monitor an electrical operating parameter associated with operation of the CAN bus.

1459826858-aa8d2d0e-bd8a-4601-b3be-e54693560f5b

A method for performing a voltage drop analysis in a logic circuit that takes into consideration voltage drop\current drain dependency. An oil sump may be formed within the housing or bearing which contains a supply of lubricant for the bearing. The resilient arm has a locked position fixing the receiving member relative to the elongated member and the length of the implant, and an unlocked position.

1459826858-c6221bbc-1cb4-4d0e-8137-4a2efba98117

A gas turbine blade includes an inlet edge region of a platform. The earth terminal includes a fixing member fixed to a vehicle body by a bolt, a barrel member to which an earth wire is inserted and fixed, and a cut member for connecting the fixing member and the barrel member, in which the cut member is broken or disengaged by bending. Unlike SLR, the pulse is designed using the full inverse scattering data rather than the flip angle profile. A method for producing an intermediate floor and to the use of an intermediate floor. The inter-polysilicon insulating film is arranged so as to be interposed between the floating gate and the lower and inner side surfaces of the control gate and between the floating gate and the lower surface of the control gate line. Thereby, halation caused by back scattering electrons reentering a phosphor is reduced.

1459826858-d562ba63-b1f8-4009-8a5d-871083c0a89e

A spring energized stapler includes a \high start\ design wherein a striker has a rest position above the staple track. This is accomplished by beamforming the downconverted RF signals instead of using their baseband representation. When multiple users wish to consume the content, a component or module determines which presentation position to use, or creates a new presentation position for use.

1459826858-fda8a1a7-b719-43dd-b1c4-26904a755ecb

A system and method is disclosed for providing DRM in a broadcast environment. The housing has two scanning tables connected to each other. We showed that apigenin inhibited cancer cell proliferation, tumor growth and angiogenesis. In the plasmatron according to the invention, said opening is configured as a continuous circular axial gap between said parts of said anode orifice, while the size of said gap can be smaller or larger than the diameter of the inlet part of said anode orifice and the diameter of the outlet part of said anode orifice can also be smaller or larger than the inlet part of said anode orifice. A method of producing such a facade panel is also described.

1459826859-29ae9313-187e-4e2f-a589-936c77b1daa5

Efficient methods and compositions are provided for the targeted delivery of effective concentrations of compounds, including nucleic acid molecules and oligonucleotides such as EGSSs, ribozymes and antisense, proteins, peptides, carbohydrate, and synthetic organic and inorganic molecules, or combinations thereof, to cells, especially hepatocytes. A piston is disposed in the piston channel and has a contact portion that contacts the channel wall, which is integrally formed with the cylinder block, as it slides within the channel. The collected data may be associated with a region, with portions of the collected data

associated with subregions. The hood member may be attachable to the building and may have a hood member aperture sized and configured to accommodate at least two of the plurality of air-conditioning lines so as to extend the air-conditioning lines from within the building to the air-conditioning unit located about the building exterior. The interconnection element typically includes a plurality of terminals in conductive communication with the metal posts. The connector may also include a seal at the open end of the housing passage, the seal either cooperating with the slider to seal the open end of the connector, or sealing the open end of the connector without interaction with the slider, for example taking the form of a slit septum.

1459826860-2366e6dd-f04c-477e-8f11-4f11bb6ab32a

The invention is basically an animal attractant that is made from human urine and animal urine. The structure includes a frame having first and second sides and configured to support the cooling system module, first and second mounting points coaxially mounted along the first side and a third mounting point mounted along the second side. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure.

1459826860-36027949-dc81-4c05-80f8-685578d3798e

The present invention refers to new active nanocomposite materials, comprising a matrix and additives. If the server crashes before a write can complete, the data remains safely stored in non-volatile memory. The resin layer covering the exposed portion of the electrolyte layer, the other end of the anode lead, and a connecting part between the other end of the anode lead and the anode terminal.

1459826860-6a557c17-645c-4d51-873f-1e9dcc3042ca

\u2018Kakegawa AU16\u2019 is a new *Osteospermum* cultivar particularly distinguished by its non-fading purple inflorescence color, basal branching and compact growth habit. Between the electrode layer having concave structures and a substrate is a passivation layer that is dented by the concave structures. Accordingly, the locking protrusion comes into linear contact with the corner of the locking recess in loading/unloading operations of the tape cassette so that the stopping of the ascending and descending movements of the tape cassette housing is prevented during the loading/unloading operations of the tape cassette. A variety of means for securing the membranes in place are disclosed. Determining or specifying, tracking or watching, and providing the information is accomplished using at least one customizable dynamic encapsulated object, a \u201cticket,\u201d that when paired with a \u201cviewer,\u201d provides peripheral awareness of information to the user. The soft magnetic underlayer includes first and second ferromagnetically coupled multilayer structures and a coupling layer positioned between the first and second multilayer structures for antiferromagnetically coupling the first and second multilayer structures.

1459826860-78be1551-2edd-4e8c-8a7a-66015f5a98a0

Methods of securely authenticating a host to a storage system are provided. A crude feed is contacted with a hydrogen source and a catalyst comprising a transition metal sulfide under conditions controlled such that the crude product has a residue content of at most the 30% of the residue content of the crude feed. The method also includes measuring responses of the detection medium in the predefined regions to generate a calibration that relates subsequent responses to ionizing radiation dose. The peeling film and the insulating film are etched by using the resist pattern as a mask, so as to form an interconnect groove continuous with the hole in the insulating film. The relative position and posture of the workpiece to the camera 20 is also stored in association with the teaching model.

1459826860-c4bdd8bc-3ee1-4c25-9143-90790805d5b5

A deployable template structure is described. An ink charge port is provided in an

end wall of the ink container body and an inner plug is mounted on the ink charge port. The detection device comprises a resistor having a first terminal connected to said ground contacts of the first wells and a second terminal connected to said substrate contacts; and a comparator connected in with the resistor configured to detect a potential difference across the resistor.

1459826861-4e425ccb-fc6d-4b0e-a9a5-6b9605e3f449

The invention relates to a method for fluorimetrically or photometrically identifying gaseous substances or substances, which can be converted into a gaseous state, in samples. The separating mechanism moves the refillable cartridge linearly in a direction that is different from a sliding direction of the sliding member when the sliding member makes the sliding movement. The third differential pair of transistors include respective gates connected together and in parallel to gates of the first and second differential pairs of transistors. According to another aspect, the powder mass is thermally pretreated to induce an irreversible increase in its dielectric loss factor prior to melting by microwave irradiation.

1459826861-50f13585-5f2b-4f8b-b7c7-6863730e763e

An electronic circuit for a satellite receiver. The invention is characterized in that the measuring sensor is supplied with current by a separate energy accumulator. The heating drum has a temperature and a rotation speed such that the egg liquid sprayed onto the inner surface of the heating drum is solidified and then the solidified egg liquid is detached from the inner surface before the heating drum rotates by 360°. A value of  $\mu\text{S}$  is within a range of 0. According to the present invention, it can store and manage a variety of information generated from the production location or the pre-production process and share the information by all staffs participating in the production, thereby making it possible to accurately record the information and smoothly communicate between the staffs.

1459826862-12066b69-82a6-44d2-913d-f51ac214ab8d

A gate electrode structure may be formed on the basis of a silicon nitride cap material in combination with a very thin yet uniform silicon oxide based etch stop material, which may be formed on the basis of a chemically driven oxidation process. 1 mole percent of one or more cationic monomers, from about 0. A second data track adjacent the first data track is read to generate a second read signal that is sampled to generate second signal samples. The dynamic update of power supply pump circuit results in an efficient use of the power supply pump circuit and thus results in a reduction of the number of dry cell batteries to only a single cell.

1459826862-86cb740b-42bb-43b2-9bc0-7a41b48e9322

A portable lower back support having a center section, a right articulated section and a left articulated section. The receptacle is preferably cylindrically shaped with a closed base, an open top and a sidewall that extends from the base to the top. A resonant load tuning capacitance is utilized across the input of the inverter subsequent to the DC link input to the inverter. The demodulated digital signal is further downconverted to the appropriate baseband signal.

1459826862-a5481d44-8435-4437-9b9c-c153edb6ab9b

A magnetic resonance imaging method includes generating first and second spin populations within each of a plurality of pixels of a slice of an object. In one aspect, for each input-to-output sampling rate ratio obtained, anti-aliasing filter coefficients are interpolated based upon the pitch from two filters selected based upon the pitch. 1 micron with acceptable manufacturing yields, reliable measurement of electrical charge distribution and the placement of dopants is essential, yet no conventional technique exists to obtain distortion-free cross-sectional images. A flexible hose is at least partially disposed within the pipe, with a discharge end secured to the collar and an inlet end in fluid communication with the frame-



mounted exhaust system components. A gate produces a switch signal according to the state signals. A rare earth-rare earth alloy incorporated metal nitride layer is formed above a gate dielectric.

1459826862-a7f212ca-2e2a-4849-bdc9-ff208d71c087

An approach is provided for signaling gateway management. The devices can assess the statuses of the cells. When appropriate formulations are provided within biodegradable polymers, this relief can be continued for at least three days. The diagnostic feature provides on-line status of the overall status of the field transmitter. In the event such a collision occurs, the interfering signal may have been demodulated by a receiver system, or SCS, at another site, and the demodulated data be known by the TLP.

1459826862-d64c60dc-5dc1-44c2-9874-2cb73a2cf54b

An action structure is composed of a handle part, an action part, a tenon part, and a trajectory adjusting device. The assembly comprises a base, a split ring, and a clamp. The second set of components is scaled.

1459826863-2a999247-5e19-4c96-80ea-bbae3a116552

An apparatus and method for establishing an IP session between a host 105 using a session initiation protocol and a device or mobile station 103 without an IP address is described. The double SOI wafer includes at least a base layer of silicon, a first layer of silicon, and a second layer of silicon, the layers of silicon are separated by an oxide layer. A differential amplifier coupled to the image pickup plate and the reference plate provides noise cancellation. Using the context and point data, the system loads points in a region near the seed point, and determines the dimensions and orientation of an initial surface component in the context that corresponds to those points.

1459826863-57338985-8add-4795-b518-9fbc1805b48d

This invention provides compounds of Formula I having the structure . The GCIB is injected into a processing chamber containing the substrate. The NSI may be modified to effectively extend the length of the NSI field, thus providing more registers or more range than otherwise available to the NSI instruction according to the instruction set architecture. In dyed pile fabrics, the illuminated areas can be selected to change the dye distribution within the pile material to provide an altered coloration.

1459826863-79a1f41b-63e0-4185-8d53-a68ab70eb076

The present invention relates to the field of organic synthesis and describes the synthesis of specific intermediates suitable for the preparation of triazolopyrimidine compounds such as ticagrelor. That is, at the time when power is turned on, this microcomputer determines whether or not image processing data compatible with the new processor is present in the old electronic endoscope. In addition, heat treated bent flanges are typically used to provide additional strength.

1459826863-b1cb74cc-bb0e-4d91-89d2-9e6b5c07637f

A valve actuator assembly for an engine includes a movable engine valve. A radio signal transmitter device communicatively coupled to the portable audio device transmits an audio signal of an audio file on a first radio frequency channel, a forward control signal on a second radio frequency channel, and a backward control signal on a third radio frequency channel to a radio signal receiver device. Upon such an isolation signal shifting low and isolating the adjacent memory section, a timing circuit triggers a wordline decoder to activate a select wordline. A pulsed dye laser light from the pulsed dye laser delivery device is directed onto the tissue, to reach hemoglobin in a collagen layer up to about 1. As the human operator uses the visible scanning-zone pattern to guide the transport of a package bearing a bar code symbol through the workspace environment, the package is

automatically identified by the laser scanning system supported above the workspace environment. The light shielding section makes light shielding quantity of the light from the light source in a vertical scanning direction different in positions in a horizontal scanning direction and in a light advancing direction.

1459826864-a635821b-8165-40bf-b449-56c7e858241a

Four electromagnetic shock absorbers are provided with motors. The new catalysts are characterized by the presence of two homo-morphic phospholanic rings set in adjacent positions of an aromatic pentatomic heterocycle. A power plant installation can execute the above method.

1459826864-da825954-16d3-4d76-8658-712d028b848d

Techniques are provided for preventing program disturb of unselected memory cells during programming of a selected memory cell in a NAND string which includes a continuous charge-trapping layer, either in a two-dimensional or three-dimensional configuration. Using the target metallic solutions results in damage free use to surrounding optical components since no debris are formed. If one or more of the frames depict the object and also satisfy the one or more predetermined quality control criteria, the method further includes automatically capturing an image of the object.

1459826864-ef05635b-1d61-45bc-942c-a8f839bd2710

The present invention discloses an interactive infant or child blanket with a tactile apparatus for removably attaching small toys such as pacifiers, teethingers, rattles, and developmental toys. The ocular devices may maintain the patency of Schlemm's canal without substantially interfering with transmurial fluid flow across the canal. Then, in an exponent part subtractor 20, differences are obtained between the values of exponent parts of the plurality of inputted floating point data and the value of an exponent part of the maximum floating point data. In one embodiment, the invention can further include detecting registered content from the registered document being contained in the intercepted object, if the comparison results in a match of at least one of the signatures in the set of signatures with one or more of the plurality of stored signatures. A regulatory-compliant software package is also described. The boxes can be sized and proportioned so as to be conveniently assembled in such structures and to be easily transported via intermodal transportation media.

1459826865-2ed154c3-2b95-411b-87f7-423689e20129

A magnetoresistive head including a first magnetic shield, a first electrode terminal provided on the first magnetic shield and having a first width, and a magnetoresistive film provided on the first electrode terminal and having a second width less than or equal to the first width. In one aspect of the invention, a method is performed that includes performing a process for developing a business initiative to apply to the business network and performing a process for designing a test for the initiative. When trying to copy the printed image in which the specific image information is embedded, the copy machine which has detected the specific image information will not output the copied image or output a copy sheet having thereon characters such as "Copy Prohibited". In the base member 110, first terminals 120 are provided on a first surface 112 whereas second terminals 124 are provided on a second surface 114. The coolant guide guides a coolant therealong in a circumferential direction of the end portion of the stator coil while guiding, through the holes, a part of the coolant to the end portion of the stator coil.

1459826865-780bcdbd-e32b-4953-b171-ae4fbbbeafa13

An extrusion molding apparatus for a ceramic molded product which is capable of passing a ceramic material smoothly through a filter unit is disclosed. The polymerisation process involves distilling water from the emulsion in the presence of sufficient non-aqueous liquid to prevent breakage of the emulsion and then

washing the polymer particles with isopropanol or other suitable solvent and evaporating the solvent. The strip is affixed across the bowl by moistening at each end and pressing against the sides of the bowl.

1459826866-3b44b636-5e1b-47f9-a9e6-fe1c296aa475

A lamp module for use in a backlight module of a flat panel display comprises a first transformer, a second transformer, a plurality of first lamps and a plurality of second lamps. The queue may store the resources of more than one thread in the processing device such that the entries of one thread may be interspersed among the entries of another thread. In one embodiment, a pedicle screw assembly includes a pedicle screw, a rod holding element, an insert, a rod, and a set screw. One embodiment performs a modulo operation on a function of the multi-cast address and the number of communicable PDSNs, wherein the result of the modulo operation corresponds to a unique identifier.

1459826866-c47a2c5d-84b0-4735-b464-f79bce63617a

Methods and systems for processing, e. The human and mouse amino acid sequences have been identified. Such tubular films involve a significant improvement in the seal seam strength, in particular at low sealing temperatures, a high impermeability to oxygen and a comparable to markedly higher resistance to puncturing compared to prior art films. The database can be used by a system in a vehicle that provides convenience features to the vehicle's driver. The second circuit produces a second rich electrolyte solution, which is also forwarded to primary metal value recovery. Hextrees are used to represent the pixels of the image, such as one hextree for each subset of the image's pixels, where alpha channel data distribution may be used to determine each segment.

1459826866-daf79558-a94e-4a80-990b-efe96d9b8668

A production line for carrying out machining and cleaning operations on rectangular frameworks, is provided. A handheld device is capable of communicating with the data processing apparatus. One end of the flexible printed circuit board has plurality of feeder wires that connect to one of the terminal lands of each of the recording elements. An extension of the actuation sleeve over the atraumatic forceps jaws proximal ends may be configured to gradually close the atraumatic forceps jaws wherein the atraumatic forceps jaws initially contact at the atraumatic forceps jaws distal ends. The cMUT allows variable operation voltage by requiring only one AC component. The conductive line includes a conductive layer and a barrier layer separating the conductive layer from a portion of the semiconductor device.

1459826866-f84067e5-fb90-443d-98cd-200372449f75

Methods and related systems for modulating neural activity by repetitively blocking conduction in peripheral neural structures with electrical stimuli are disclosed. One such system includes an electromagnetically shielded enclosure and a detector configured to detect an electromagnetic field event occurring in the proximity of the enclosure. Dynamic extension is prevented during a test mode. Next, the system stores the action component in a first store and the data component in a second store so they can be reused without repeated decoding. The control section calculates the battery capacity of the secondary battery by different methods in accordance with respective cases where the secondary battery is being charged, being discharged, and in a fully charged state. The first elastic piece of the elastic contact can be soldered to the circuit board by a SMT machine, thus the assembly efficiency is improved.

1459826867-63afbd02-ee57-428f-a91f-27b48c8e64c1

Element fixing mounting portions are formed in the shape of bridge beams on both the side surfaces or the like of the first optical surface, which is disposed in confrontation with an image display element, of a Free-Form-Surface prism 61 acting as an optical element, the side surfaces being located externally of the effective

light beam range of the first optical surface. The simulated nervous system is based on an intricate anatomy and physiology of the hippocampus and its surrounding neuronal regions including the cortex. Thus, the wrench body can drive the driving member to rotate through 360 degrees reciprocally so as to rotate and unscrew the nut successively, so that the driving member can be used to unscrew the workpiece easily and rapidly. A third logical gate generates an up signal based upon the multiple internal up signals. , along an upper surface that overlies the plurality of tape reels. The fasteners are then used to secure a fill zone to the container.

1459826867-c272d316-6006-4613-a1ce-adb0426f19ab

The invention provides a method of preparing a sirtuin complex, a method for detecting a sirtuin in a sample, and a method of screening for compounds which inhibit the deacetylase activity of a sirtuin. The sealing element is corrosion-resistant, essentially impermeable to corrosive and critical fluids, essentially free of leachable impurities and is made with a material having a Shore A hardness between about 70 and about 95. The photovoltaic cell is oriented at the perimeter so that it can both receive the concentrated light and receive direct light as well. The system may use the cost and retail sales information to generate financial data. The key is configured to fit within a key hole of the lock tumbler. The CSCF sends a VoIP call to the second P-CSCF if the user terminal performs the second registration procedure and the user terminal then receives an incoming VoIP call.

1459826867-e44961ac-c81e-4340-882b-74fd36f477c1

A hair transplantation method and apparatus utilizes a stereotactic robot, which includes a robotic arm, having a hair follicle introducer associated with the robotic arm. Query activity vectors are extracted from database logs. In the case where a semiconductor film transferred first and a semiconductor film transferred later are provided adjacently, the latter transfer is carried out using a bond substrate with its end portion partially removed. The first connecting element is connected between the first segment and the second segment. The encoder and decoder may use sub-block pattern codes to indicate the presence or absence of information for the sub-blocks of particular blocks. The assembly includes an upper showerhead electrode which is mechanically attached to a backing plate by a series of spaced apart cam locks.

1459826868-06ea9ffd-b938-4fa9-bfed-048ac6d21b47

A data manipulation method to make local chromatography data more usable and comparable to a reference. The golfer alignment system generally includes a first alignment member comprised of an elongated configuration, a second alignment member comprised of an elongated configuration, wherein the second alignment member is substantially parallel to the first alignment member and at least one diagonal member attached between the first alignment member and the second alignment member. The frame is encoded in manner that provides a substantially uniform apparent quality of the plurality of locations to the viewer when the viewer is observing the facial region of the video. The support rod members protrude outward in a stacking direction to support the cover member at the front ends of the support rod members. In another aspect, the present invention uses the signal to control a force applied to a top conductive surface of a workpiece during electrotreatment. The method comprises providing a remote server connected to a network communications channel, pinning a reserve memory segment program to the memory in the remote server to control a reserve memory segment allocated within the memory in the remote server when a memory constraint arises.

1459826868-09ef7789-8a32-4000-9946-c2904329b72d

A deterioration detection apparatus for an oxygen sensor is able to detect an abnormality of the oxygen sensor constantly with high precision, without being affected by the temperature characteristic of the element impedance. The double wheel structure has braking pads that are connected to bridging plates which are in

turn connected to a connecting seat, and positioning of the braking pads is controlled by the upward or downward movement of the connecting seat as the bridging plates act as a lever structure with the axial rod as the axis. Each layer of metamaterial includes a matrix material and a plurality of nano-particles.

1459826868-135ed52f-0f6e-4843-a5bb-862dd9520e30

Catheter connectors, systems, and methods of use in which a catheter is attached to a connector such that the catheter is retained on the connector by inward radial compression between an outer surface of a hollow pin located within the catheter and a collet fitted over the portion of the catheter containing the pin. The foldable input apparatus includes a connection part, a first input part, a second input part, a first housing and a second housing. A first element list can be extracted from the one or more documents based at least in part on the plurality of entity names and based at least in part on one or more heuristic rules.

1459826868-3a9ceda7-7fca-44a3-86f4-840da10cfea3

A DMT signal conforming to a first DMT standard is sampled at a sampling rate for the first DMT standard, filtered to attenuate a subset of the tones of the first DMT standard, and subsampled to provide a subsampled, filtered signal that can be further processed using components designed to operate under a second, different DMT standard. The pallet includes air ventilation apertures which allow an upper product-containing bag to breathe. The sink device detects a change of session key by decrypting only the key check block field with a plurality of candidate keys. Quartz glass sealing surfaces of the component also can be finished by the methods. Elongated fasteners are insertable through the slotted member and the sets of spacers and are engagable with the retainers for securing the electronic device to the support. or lower and a mineral oil component comprising sulfur components, wherein the ratio of amounts by weight of component to component is in the range of 25:75 to 99:1 and the amount of the sulfur components derived from component in the composition is in the range of 5 to 1,000 ppm.

1459826868-7965448a-d45a-45c4-b3ef-959de1d12f4a

A fully inverted type SOI-MOSFET has a channel region 18 constructed of a portion that belongs to a top silicon layer 13 and is located just under a gate electrode 15 and a source region 16 and a drain region 17, which belong to the top silicon layer 13 and are located adjacent to this channel region 18. The methods basically comprise the steps of contacting the oil external-water internal emulsion with an aqueous acid solution containing an anionic sulfonate surfactant for preventing aqueous acid solution-crude oil emulsions and crude oil sludging and a chemical for preventing the anionic sulfonate surfactant from reacting with the emulsifier in the oil external-water internal emulsion. The fork mount includes a head portion adapted to selectively clamp the fork mount to one of the cross bars, and a skewer assembly adapted to selectively secure forks of a bicycle to the head portion.

1459826869-c4eb84df-d752-4ba3-ae4f-5080b3a2d46f

The present invention discloses apparatus and methods for a lightweight subsea intervention package that may be installed using vessels with a smaller lifting capacity than semi-submersible platforms so that the subsea intervention package can be transported, installed, and removed from a subsea well in less time and with less cost. In general, the sacrificial layer should facilitate the recrystallization of the ultra thin layer into single crystal material. The lock-out-bar, when in the horizontal position, is locked in place to a panel-left-side-L-bracket. According to the invention the handle section includes an electronic interlock device which is deactivated by an encoded interlock canceling element on the cleaning tool only when the cleaning tool is coupled to the handle section. By the above-described structure, it is achieved to facilitate handling, in assembly of mass production, of a bobbincoil and an outer yoke of an outer yoke body constituting the linear motor and reduce the size of the outer shape of a casing. The process, starting from olefin mixtures which comprise less than 30% by weight

of linear hexene isomers and utilizing a catalyst which contains nickel, prepares olefin mixtures having a predominant fraction of branched dodecenes, which are subsequently derivatized to give surfactant alcohols and then optionally alkoxyated.

1459826869-d90475a1-95a8-411e-8ca3-f4f546913c4a

A barley cultivar, designated Champion, is disclosed. The stent includes a coil which defines a lumen and has an initial length when in an expanded rest state. The method provides an efficient, effective and semi-automated post-blocking method, such that each post-blocked group of containers has a similar desired remote destination, so that the containers can be easily located, loaded, handed-off and transported to a desired location.

1459826870-18455d3b-d865-4636-9554-3c577d1ba5ff

A method for real-time RL and/or ROSL dose rate measuring in an environment exposed to a radiation source. A second electronic device module that comprises a stackable rack component that is attached to and supports an electronic device is stackable on and detachably coupled to the first electronic device module. Lower surface-side lands with solder balls coupled thereto respectively and testing lands with solder balls not coupled thereto are formed on a lower surface of a wiring substrate. First and second dielectric segments are coupled to the inner conductor and disposed between the proximal cylindrical dielectric sleeve and the distal cylindrical dielectric sleeve. The monitoring device restricts usage of the system if the processor activates the security levels in a sequence contrary to the security rules.

1459826870-a0671d4c-cfc3-40d9-bf1a-2b14398f3121

A method for managing, storing, and disseminating compliance assurance information using a web-based system is provided. When the primary actuator initiates a seek there are two torque components acting on the center of mass of the secondary actuator's moving portion. The interface is capable of internal light reflection and impurities isolation. A third embodiment combines the first and second-embodiments. The at least one ventilation opening is provided within a housing that at least partially accommodates the support structure and the covering in the stowage position. The gate is released once for approximately {fraction} of a cycle interval during each trigger operating interval.

1459826870-d1f935e4-afb4-4c04-b268-410d44a30dc1

Disclosed are compounds of Formula 1, N-oxides, and salts thereof, wherein Q is and Z1, Z2, J1, J2, M, R1a, R1b, R2a, R2b, R2c, R2d and R14 are as defined in the disclosure. Permselective hollow fiber membranes having rigidity are cheese-wound in a plurality of layers, thereby forming a hollow fiber membrane bundle. The detector assembly includes first and second signal generators and first and second signal detectors vectoring the location of the conveyance.

1459826871-3d7b2ae1-e14e-46d7-b616-80bbbfd4facd

A tuck mounted attenuator is constructed to minimize length during use in a horizontal position and height in a vertical transport position, as well as to minimize wind resistance and buffeting at highway speeds. A fuel cell mounting chamber for containing the fuel cell is provided inside the hold portion. The grinding members may be provided in a variety of different combination of elevated ridges and/or valleys used to dry and classify materials. Thus the voltage level of the first signal can be determined according to the first output voltage and the second output voltage.

1459826871-cadae17a-0b07-4ae8-ac64-1befa97d06c7

A particle material for anisotropic conductive connection, is comprised of a conductive particle and an insulating resin layer covering the surface thereof, wherein the insulating resin layer includes an insulating gelled resin with a gel

proportion of at least 90%. When there are two stator modules, the rotational angle is 90 electrically, and when there are m stator modules, the rotational angle is 360/m electrically, where m is an integer and is greater than 2. The light absorption layer includes light refracting structures and light absorption elements, wherein each of the light absorption elements is positioned in the light refracting structures. There is an increase in the maximum length parallel to the longitudinal axis of cells from the at least one nodal cell to a first distal cell in the row that is closer to the first or second end of the tubular stent.

1459826871-dabb299a-9c0a-42b6-b3c6-d404cb7fe6fa

A moisture sensing apparatus, system and method. The data memory is an error correction code memory or a non-error correction code memory. 0.1 mole-hour without loss of selectivity is disclosed, as well as use of the process for insertion of a perfluorinated olefin with an initial rate of 0. Subsequently, the semiconductor substrate can be patterned to form a body plate for the print head jet stack. The server then processes the user communication in the profile decoder to identify user content preferences by matching user content preferences with available server content, employing the profile server.

1459826871-e5dbe2b4-5b7b-4244-89e2-a2004a6ff162

A system for enhancing absorption of a substance to be provided on a region of a patient's skin, includes a probe configured to provide the substance to the region of the patient's skin, the probe including a flexible tape with a plurality of cavities, and with an electrically conductive element, such as a conductive wire, provided at one end of each of the cavities. The access member, which is adapted to extend from the outside of the body through a canal extending from the user's abdominal wall to the bladder and into the bladder, has at least one cavity extending substantially throughout the length of the access member. Air from the atmosphere can be transferred via an intake valve into the pressurized air supply vessel via the compressor and the air dryer. The compensation circuit may be configured to compensate a non-linearity effect generated by the at least one FET. The systems may further comprise a subsea shut off and disconnect device.

1459826872-42ba0036-ba14-4b43-ae1e-d0510ac2d71f

An access control system enables a computer network to prevent execution of computer code that may contain computer viruses. The silver coating nanoparticle scaffold can be used for numerous applications in metal-enhanced fluorescence. Also disclosed are techniques and apparatus directed to presenting member-specific out-of-pocket expenses for a selected procedure offered by at least one health-care provider. The filter circuitry filters signals outside a signal band of interest. Advantages of this process include higher working pressure ranges, as well as reduced manufacturing costs and assembly time. Of note, the method also can include receiving configuration parameter values for the artifacts of the result set through the identified panels in the single window and applying the received configuration parameter values for the artifacts of the result set.

1459826872-c35bb442-37f2-4532-a35b-c551deb089cf

A fixing device for fixing a toner image formed on a recording medium conveyed to a nip for fixation of the present invention includes a rotary body, a stationary heating member not forming the nip, a fixing belt passed over the rotary body and heating member, and a pressing member held in contact with the fixing belt. The annuity rate reflects potential medical and social advancement, prudence, interest, expenses, and commissions as well as other related factors in determining premiums to be paid by individuals. The carriage is provided with at least one wheel at the rear. In addition, a hook portion is formed on the elastic locking arm. In the present invention, when a bobbin rotates, a rubber roller rotatably provided on a movable mounting plate alternately comes into contact with an inner surface of a support ring and a rubber acceleration prevention member provided on the inner surface of the support ring, so that the speed of the bobbin can be smoothly and

reliably reduced. The method comprises the step of: providing an apparatus that provides resistance and assistance during core muscle training using dynamic therapeutic movement for chest, back, abdominal and leg musculature to strengthen and condition muscles of the axial skeleton and lower extremities of a performing user.

1459826873-2bc48868-9fa7-4439-9bae-a6b44451f642

Systems and methods are provided for fabricating a static random access memory cell in a multi-layer semiconductor device structure. The non-volatile memory device includes a first conductivity type semiconductor substrate, a first conductivity type inversion layer-forming region, second conductivity type accumulation layer-forming regions, second conductivity type regions, an insulating film and a first conductive layer formed on the inversion layer-forming region. The process according to the invention for the surface treatment of a component proposes that at least repeatedly a measurement voltage be applied to the component, resulting in the flow of a current, the time profile of which represents the state of the surface treatment and is used to decide upon when to terminate or interrupt the acid treatment. The plurality of fibers can be a plurality of nanofibers which may or may not be oxide nanofibers.

1459826873-903ed87d-4df8-47be-9e31-4933404ece2a

This invention provides isolated polynucleotides that encode the MurF protein of *Pseudomonas aeruginosa*. One or more formations for emitting heat are also provided, the formations for emitting heat being in thermal communication with the contact portions. In addition, in the package structure described above, the difference in height between the thin floor and the thick floor is the same as, or larger than, the thickness of the electronic component mounted on the thin floor. A closed portion is provided on the front grille which closes the entirety of a portion of the front grille which faces the air-intake port.

1459826873-92e3a394-4430-4d23-9801-eed88a17081a

A method and system for enabling user interaction with computer software running in a computer system via an interface surface and a sensing device. The fluid discharge device is arranged to be actuated by one or more levers so as to apply a force transversely to the fluid discharge device which is used to move a container forming part of the fluid discharge device along a longitudinal axis of the fluid discharge device to cause actuation of a pump forming part of the fluid discharge device. One alternative of the invention utilizes card edge connectors on the first side. The ground plate is proximate the firing electrode to define a spark gap between the firing electrode and a first end of the ground plate. Example processes to construct such a heterogeneous channel NoC interconnect are disclosed herein, wherein the channel width may be determined based upon the provided specification of bandwidth and latency between various components of the system.

1459826874-0409df6c-1914-4776-81be-c835ead2083c

An improved cosmetic composition comprises at least one cosmetically effective ingredient and water, where at least a portion of the water has been replaced by a distillate of a green plant juice. The wide-angle lens includes, from an object side to an image plane side: a first lens group including a first lens having a negative refractivity and a second lens having a positive refractivity; and a second lens group including a third lens having a negative refractivity, a fourth lens having a positive refractivity, and a fifth lens having a positive refractivity. A tracking controller is adapted to receive the control signal and based on the control signal, the controller is adapted to control a tracking motor for adjusting the system so that electrical power generated by the photovoltaic cells is increased. Grooves are formed in both sides of the thermistor, and connection portions for electrically connecting the electrodes formed on both surfaces of the thermistor are formed through the inside of the grooves or through the sides except the grooves. Two or more images with reflection artifacts can be



created and subsequently recombined through image processing into a composite artifact-free image.

1459826874-38bc4070-4ed3-4b77-b38a-b880f1729fb3

Aspects of the invention relate to a system for monitoring the wear of a component. A method of detecting the presence of a wheel is also provided. Test components, instrument components, support objects and a test system interface component are communicatively coupled to the test kernel component.

1459826874-6d193dc7-5b1d-4073-ab19-c4090c697384

A lapping device comprises a mounting surface for coupling at least one non-parted slider row. This makes installation of said device in a laying site easier. Distal ends of the protuberant members are radially disposable within a concentric ring to a clamp axis of rotation, the ring being sized for an interference fit with an outer diameter of the motor hub.

1459826874-c2af20a6-1acb-4740-a853-764bc3b26b55

The invention concerns a method for separating fractions of a mixture using a chromatography device. Each activation phrase is associated with a respective application. The tissue securing member is preferably configured to pass through only one of the tissue structures, and is movable from a first configuration to a second configuration which results in a compressive force being applied to the tissue structures. In this way, the portable wireless system increases the utilization of existing wireless network infrastructures by making one or more unused wireless channels available to other devices. To this end, a plurality of pistons supporting, at one of their respective ends, lower mold cavities have the other ends thereof slidably inserted in hydraulic cylinder blocks installed on lower mold sets. In addition, the catheter assembly may include a planar tip which, when extended outside the distal end of the assembly, assumes a substantially flat unbiased configuration for use.

1459826875-bdca8e6f-4a94-45ac-be06-746873040a1e

An optical collimator includes an optical fiber, a metal ferrule, a Graded Index lens and an outer metal tube. Fluorine may be introduced into the bonding layer by exposure to a fluorine-containing solution, vapor or gas or by implantation. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into PH1D7S through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. The system also includes at least one valve that receives the substantially dry and clean air flow that has passed through the adsorption unit.

1459826875-d0ee44da-37ff-4d48-8bce-6cd7f319004d

A bussed electrical center for providing customizable current flow to electrical output components. In one embodiment, the rotating disk storage device includes a disk enclosure, an FPC supporting portion, and a flexible printed circuit board assembly provided with an FPC terminal area that extends along a front surface of the FPC supporting portion and further beyond an end portion of the FPC supporting portion. At least one item of connection is located within the cavity. The network also includes a second network Ethernet switch having a second network interface and a second service interface. The speakerphone indication active and inactive signals can be, e. The water exiting the rear chamber as viewed relative to the jet disk can for example pass through the front chamber in a sealed channel or as a jet, which passes through a larger opening of the jet disk.

1459826875-d783cde7-7b6c-4e33-972f-deb3b3eea4e6

The present invention discloses methods and apparatuses to design an integrated circuit. The connector is provided with a conductor for electrically connecting the chassis and the ground wire. An elongate longitudinally-extending slot divides the heel end of the upper member into a lateral pylon support and a medial pylon

support and further divides the upper member into a lateral upper section and a medial upper section. Movable partitions include one or more such protective clips. The preset invention is capable of working in different time zones by converting the calendar information into the current time zone of the telephone. The frame can further include a seat that attaches to the upper cross member of the frame.

1459826876-0916de2a-dc9c-4bef-b845-df3a7889c8a6

The invention combines systems and methods for heat containment and cold air isolation for managing airflow and temperature in data centers. The frame body includes a main member formed with an accommodating space, a seat-connecting rod, and a front member connected to a front end of the main member. A fraud score is calculated for each case, and a result of score calculation is specified using at least one of the calculated scores. The cell includes a charge storage layer disposed above the bottom oxide layer, a dielectric tunneling layer disposed above the charge storage layer and a control gate formed above the dielectric tunneling layer. The remote devices can further interact with at least the interactive media content. The processor generates at least one control signal when the designated pulsator pulsating vacuum level is at a vacuum level outside of the predetermined vacuum range.

1459826876-3462f2d9-d181-47da-b3d9-16f070c048c3

A page-width array printing device includes a page-width array printing mechanism including at least one page-width array printing module. In order to avoid a permanent correction in the length of the driving shaft, the spare stator is connected to the instantaneously operated stator or is configured in a single piece. An etched-back first conductive filling is produced by etching back the first conductive filling down to a depth below the first source and drain regions and second source and drain regions are formed.

1459826876-71c49eef-7954-4794-ab03-c4e32449402e

Self-removal of enterprise application data is disclosed. The method of fabricating includes the steps of forming a sacrificial layer on a substrate; patterning said sacrificial layer; establishing a layer consisting essentially of polycrystalline SiGe on said sacrificial layer; depositing an infrared absorber on said polycrystalline SiGe layer; and thereafter removing the sacrificial layer. The panel may be composed of multiple laminated sheets. Methods include simultaneously supporting a plurality of types of imaging media on an imaging device having a single pick roller, and selectively picking either the first imaging media or the second imaging media from the respective media tray. The supporting member has a protrusion adapted to pass through the apertures in the display stand and the anchor member to engage selectively with the anchor member.

1459826876-cb5caf30-5706-4f19-8a9c-d308a2b4cbd9

A user interfaces can deliver enhanced information regarding media assets stored on a portable media device. A security policy may be determined for a multimedia terminal based on high-level requirements by various system users. The tow rope attachment mechanism includes a bridle having two bridle limbs terminating at respective bridle limb retention points. In another embodiment, the single nozzle includes an exit point and a flat or curved plate to direct the spray. The memory stores the N data blocks encoded by the encoder. The means for scrolling through the plurality of selections is located on an upper surface of a spoke of a steering wheel and the selector switch is located on a lower surface of the spoke.

1459826876-ec50a2cc-5ad7-4ebf-a211-1f48030c18a9

Described are techniques for processing requests for a device. e, is coupled to the two-way data communication network. If the content provider platform responds within a given time limit, the query processing server forwards the response to the inquiring entity and updates cache data based upon the response.

1459826877-08e9ec00-b4f6-41d9-a32d-905bd7f45a41

A metal powder produced by a process which comprises directing at least three successive gas beams at a molten metal stream inside an atomization chamber, the at least three gas beams being oriented in different directions. The light source and light detector are located remote from the housing. The crown has a rear crown portion.

1459826878-19b68077-6df3-4ed2-b91f-d914a68afc5e

A spray-gun line-connecting device is provided for the connection of a plurality of lines between a robotic arm and a spray device. The porous matrix yields upon contact with an aqueous medium nanoparticles and microparticles of celecoxib having a mean diameter between about 0. An acceptance width of the alignment pattern detector is determined so that the acceptance width satisfies a relation with a writing density of the image forming apparatus and a line width of the alignment pattern, as follows:  $\text{acceptance width} \geq \text{line width} \times 22120$ . The memory unit not only has the advantage of high speed operation of a static random access memory, but also functions as a non-volatile memory for saving data. The divided ends along one side of the groove are separately provided with expanded portions whose cross-sections are expanded. The securing members secure the portion of the cord proximate the securing member to at least one other portion of the electric cord or an external structure.

1459826878-4140f2a0-7d6b-4e6b-b81d-9050ca4a2387

A data recording device for recording data on an optical disc by irradiating a laser pulse on the optical disc while controlling rotation of the optical disc at a constant angular velocity. The proposed method is characterized in the forming of a dual-layer NiVCu metallization structure, rather than a triple-layer AlNiVCu metallization structure, over each aluminum-based PBP, which includes a bottom layer of nickel-vanadium deposited over the aluminum-based PBP and an upper layer of copper deposited over the nickel-vanadium layer. The resultant natural frequency response is detected and recorded. The sneak path prevention logic may also include one or more diodes coupled to the one or more GSHE MTJ elements to prevent a preset current from flowing into input circuitry or a charge current generation circuit. The price associated with each limit order is indicated by a first axis of the graphical display and the time associated with each limit order is indicated by a second axis of the graphical display.

1459826878-57f30c67-2558-4129-88ac-eaf0cf051be9

A portable mapping tool for use in a horizontal drilling system and associated methods use a boring tool configured for transmitting a locating signal. In one pass of a multi-pass programming operation, a programming speed-indicating program voltage is obtained. When the repair line is employed, a part of the peripheral lines could be separated by a laser optionally, and it subsequently could be welded to the repair line by the laser to improve the ability of the repair line.

1459826878-92c3274d-92e6-49d5-93e9-9c58d3086dca

An improved dispenser for thin, flexible hand coverings includes a unique mechanism to retain the opposing edges of the flexible film as it is advanced and applied to the hand, thereby promoting a controlled stretching, adherence and release. Each of the lower core assy and the upper core assy is unitarily formed so as to have a predetermined shape by resin-molding a core and a coil that form an electromagnet as well as an armature bearing, etc. Analysis can include, for example, generating a thickness map, a cartilage curve, or a point cloud. A photosensor element may be located inside the housing and adapted to be optically coupled to the scintillator. Frame processing further refines the current background model by determining whether a substantial change has occurred in the actual background and, if so, providing a more accurate background model.

1459826879-4f1633cc-5a8b-4548-ace8-e1461a184ed9

A multilayer printed circuit board has an IC chip included in a core substrate in advance, and an intermediate layer provided on a pad of the IC chip. To this end, the codebooks are divided into a plurality of node-tables, each table corresponding to a node. The gripping ball chain is attached to the pivoting gripping member and extends through the inner tube to the gripping trigger. The primary data store may communicate an acknowledgment of success in committing the data at the primary data store as well as of success in writing the data to the secondary data store. The content sharing device may provide, to the dongle device and based on determining the dongle device identifier, information that identifies the content.

1459826879-53388cc3-a6f6-48c5-9356-938986460a68

A technique is provided for forming a gravel pack at a well zone. From an incoming data packet that includes data and a training sequence, a modified data packet is generated that includes the data, the training sequence, and at least one additional copy of the training sequence. There are means of separation of grounds for the chosen user station and the other user stations. The present invention reduces the cost of a group delay equalizer by simplifying the use of multiple three-port WDM devices into a single channel four-port WDM device. With this plastic identifying apparatus, it is possible to realize a plastic identifying method of the present invention, and to identify the types of plastics contained in items to be identified with good accuracy, and continuously, regardless of the size of the items.

1459826879-ca12c254-96e9-421a-b980-258e790ea9d9

The invention pertains to a sealing arrangement 10, 10a, which acts between a housing 12 and a component 14 installed in the housing 12, with a stop 16, permanently connected to the housing 12; with a spring 20, which is supported on the stop 16; and, with at least one first sealing element 22 in working connection with the spring 20. The shaft may be capable of an angled configuration where at least a portion of the shaft is manually movable to a direction in which it extends at an angle to another portion of the shaft. The package substrate has a metal core with via openings, power conductors connecting a top and bottom surface of the substrate and passing through the via openings, and ground conductors interconnecting the metal core with the top and bottom surface of the package substrate. If the word type is found in the electronically stored list of known word types, it is determined whether the word type is a known solid compound word or not in accordance with the indication in the electronically stored list of known word types. By pulling up the output, the input buffer circuit enjoys improved margin, and is able to reliably signal a low power condition even when both inputs are low. The concave portion is recessed relative to a bottom surface of the insulating pattern.

1459826880-331f9c0f-7d95-4b3c-a582-137a8de4526f

The specification discloses a support system for parts standardization, a method therefore, a computer program for executing the method and a recording medium storing the computer program capable of being read out by a computer. The method includes evaluating, by the first storage processor and as part of a first batch process, the set of enclosures relative to a set of identification rules. The extensions are sized to be substantially coextensive with the maximum projection of the binder's rings along an axis that is perpendicular to the inside surface of the spine, and the rings and associated structures are either mounted on the inside of the spine or inside of the back extension depending on the ring type. This enables the balance between positive and negative air ions and its stability to be improved while reducing the hardware configuration in size and weight.

1459826880-8df40fdd-2bc0-4c31-acc7-99db99c3ache

A vacuum cleaner includes an electric air blower; a dust separator placed at an upstream side of the electric air blower and having a filtration filter for taking in dust-containing air sucked by the electric air blower and separating the dust

from the air; and a dust accommodating section for accommodating the dust separated by the dust separator. Alternatively, a layer of SiGe having a Ge content greater than 0. From within the 3D image object, cross layer planar views spanning various depths of the 3D digital slide are constructed as well as 3D prisms and other shaped image areas.

1459826880-8e32e0e5-4937-4b1f-b923-523692eaa1b0

An integrated circuit may have a clock input pin coupled to a buffer. This compound is useful as a proteasome inhibitor and/or an antitumor agent. The method also includes producing an upper wafer including an etched substrate and interconnect metal, bonding the device wafer and the upper wafer, and dicing the bonded upper wafer and device wafer into individual MEMS devices.

1459826880-9d82bb71-96f4-4087-b707-1e4020fadd7f

An output driver for enhancing initial output data using timing includes a selection signal generation unit for generating a selection signal, a reference data generation unit for generating reference data, and a selection unit. Scalars are represented using a generic multibase form combined with the non-adjacency property, which greatly reduces the nonzero density in the representation. Embodiments adapt a software application for loading of a trigger and an extension library for interfacing a feature module with the software application. The heat sink has a mounting surface on which the substrate is arranged. In one embodiment, the number of active instruction schedulers and one or more associated functional blocks may be increased or decreased to improve power efficiency of the cluster micro-architecture. The client can then iterate through the result set, either by viewing different subsets or selecting different EJBs from the list.

1459826881-2da3cf02-8d4a-49ed-a250-12dd3b8f8015

A novel maize variety designated PHR1C and seed, plants and plant parts thereof. The apparatus comprises a dielectric reflector, a plurality of ridges disposed on the dielectric reflector and a plurality of grooves disposed intermediate adjacent ridges to form a diffraction grating. Each instruction includes an operation code, and each data manipulation instruction is specific to a particular data type.

1459826881-4f14846d-3071-49f2-9d45-e92098274f1f

A method for tilling needleless injector capsules with liquid drug, whereby dissolved gas within the drug is replaced by a less soluble gas in order to reduce the inclusion of gas bubbles, or to prevent the growth of bubbles during storage and thereby prevent breakage of the capsules. The self centering system is comprised of a series of arms that provide tension to hold the right and left sides in place. A heat-shrinkable tube has an inner surface and is disposed on the adhesive material so that the portion of the strength member is disposed between the inner surface of the heat-shrinkable tube and the outer periphery of the stop ring. An impingement annulus surrounding the impingement sleeve is divided into more than one region, with each region forced to have a pressure equal, pressure, with the pressure induced being sufficient to provide adequate backflow margin.

1459826881-ee17b24c-cd1a-4900-8ba7-941f81ba54b2

From an MPEG image data, an MPEG2 encoder circuit extracts a quantum scale of each macro block which has been used for quantization of the MPEG2 in the encoding process. In particular, certain microRNAs are useful to the response to chemotherapy of ovarian cancer patients. The product catalog system includes a product alternatives module that identifies product alternatives based on information regarding a multitude of received queries and information regarding products that were selected from other products presented in response to the queries. 05 wt %; converting said first slurry by means of heating at a temperature greater than 90°C. The transform coefficients are filtered to provide modified transform coefficients associated with an output bit sequence.

1459826882-5b049a96-02fa-43aa-a4de-bd7a5175caec

Light that has entered a lens held by a barrel portion of a three-dimensional circuit board transmitting virtually no visible light enters a semiconductor imaging device held inside the three-dimensional circuit board. In the printer, a machine plate is mounted on the outer circumference of a machine-plate cylinder section 12 fixedly provided on a machine-plate drive shaft 1. The method further includes dispatching the at least one write request to the memory in response to the first ordering queue entry. The mixer 7 mixes intermediate quadrature signal ISQR and the input shift signal SSFT to generate a quadrature signal SQR.

1459826882-5da222ac-b3bd-4720-a1b8-c1a66006e0b4

An applicator for applying a friction modifying material to the top of rails. Preferably, the batt is made from about 60% to about 90% by weight natural fiber and about 10% to about 40% synthetic fiber. The system may be utilized in-situ and may comprise a movable probe mount configured to hold the eddy current probe and to traverse the calibration standard and the nuclear fuel rod to be measured. In the open position, the washer has external upsets which are received within two entrances located in the fixed bushing. The conductive layer is passed through the dielectric layer and connected between the outer pad and the inner pad, wherein the outer pad and the conductive block are formed as an integrative unit, and an outer diameter of the outer pad is substantially equal to an outer diameter of the conductive block. The invention concerns in particular such a support having two separate frame elements which respectively have a bearing sub-surface and a base sub-surface, as well as a bridge member which can be coupled to the frame elements in the region of the bearing sub-surfaces for the transfer of force between the frame elements in a substantially horizontal direction.

1459826882-9c1368e9-4d17-435b-b512-bf9ae10d4e11

A system, method and computer program product are provided for computer graphics processing. This memory device including a first bit line and a second bit line having a current path independently of the first bit line, and renders write current paths of the first and second bit lines in common. The preamble signal is provided as a periodic plurality of preamble sequences, each preamble sequence being generated in accordance with:  $13215k=0bkbmod^*=\{1,n=00,n0$ . The switch element comprises a multitude of contact pairs of the contact matrix, whereby these contact pairs can be closed according to the position of the input element based on an arbitrarily made selection. The nth shift register includes an input unit, an output unit, an output pull-down unit and a threshold voltage memory unit. A getter layer is deposited over the non-insulative, silicon-including region, the getter layer reacting with at least one of the one or more contaminants in the non-insulative, silicon-including region at approximately room temperature.

1459826882-d72ead14-0a3f-455a-83c0-d748153292e8

A tibial prosthesis assembly can comprise a tibial tray and a tibial insert. At a pre-processing stage before the voltage signal detection, an offset current included in the detected current signal and having no relation to the terahertz wave is drawn. The resulting simulation results are subsequently assembled according to the functional layout. When the magnetic semiconductor is changed to the ferromagnetic state, the ferromagnetic material is magnetized in a predetermined direction due to the magnetic coupling with the magnetic semiconductor.

1459826882-e729f3e7-a40b-4219-89af-e6b7713a6e82

An adaptable hand operated tool for tensioning safety cable to a predetermined tension limit, crimping a ferrule onto the cable, and cutting the cable. The contact mass is prepared by premixing metallic silicon and a tin compound and heat treating the premix at 300-600°C. The cover lifting structure includes a first rotating member, a second rotating member, an elastic member and a pushing member. One implementation of the invention pertains to functional testing, and another

implementation of the invention pertains to site analysis. Inputs supply data to the microcomputer that processes the data.

1459826883-1ec894b4-b31c-4d3e-80c1-8d609bac2b22

Steels having a pearlitic structure and containing 0. A method for producing a cartilage replacement implant is also proposed. The method includes publishing the at least one OSGi object to the SOA registry. Between the top of the cable cap, and at the top of the cable cap, the cap is shaped so that there are no substantial horizontal surfaces that are of sufficient dimension to permit rodents or other vermin to sit on the cable cap and chew on the cables. The communication device can be a set-top box.

1459826883-6544c53e-c7f7-4325-b33d-554cd27fe3cf

The present invention relates to a method and apparatus for issuing and redeeming a gift certificate drawn on a credit card or other financial account. An SR flip-flop generates an output signal which is switched to the second upper voltage upon receiving a positive edge via its set terminal, and is switched to the second lower voltage upon receiving a positive edge via its reset terminal. When the functional block is about to require an increased level of power, the associated clock is provided to drive the at least one regulator switches overriding their normal drive signal, which has a lower frequency. A plurality of manually-adjustable tuning screws with engagement tips are threadedly disposed in the rocker arm. With the magnetic head, demagnetization produced in the recording track of the magnetic tape is prevented from being produced.

1459826883-8762f389-d2f4-4825-9baa-88fbd785e1ae

In a cooling structure for the secondary battery, a first exhaust duct is connected to a first battery pack. The call log is displayed for the user and includes a status indicator for each of the events. The first portions of the light beams are directed in the same direction above or below a plane defined by the second portions of the light beams. Combining the appropriate running calculations for a particular window position yields the final result for that position. The connecting element has at least one spring which can be embodied as a compression spring or as a coil spring. In an alternative embodiment, all references to a given type's supertype hierarchy may be stored in a type data structure.

1459826883-c681ebf3-1a76-4b5b-948c-4b117288d92b

A method for making an alkyl 3-hydroxybutyrate is provided. In some examples, the system determines a media component to be exported, determines the media component is in the media library for a specific process, and exports the media component after the process is completed. A further embodiment uses drain extension implants to provide good channel connection. Lesion candidates are segmented corresponding to the liver lesion center candidates, and lesions are detected from the segmented lesion candidates using learning based verification.

1459826884-3fc23604-d8a1-40ca-9d2e-485fc9701127

A small hand-operated sprayer for spraying small volumes of content includes a main body coupled to a top of a container and a hand-operated pump mounted inside the main body to pump content out of the container through movement of a button mounted on top of the hand-operated pump. The method discontinues the extraction of materials from the oil well, disposing the mixture of petroleum distillates and terpenoid compounds into the oil well, and disposes the salt extraction formulation into the oil well. In another aspect, an RFID tag includes an antenna having a first section and a second section short relative to the first section; and the antenna is adjustable to disconnect the first and second sections from each other at a predetermined location. The abrasive cleaning sheet is located proximate to the leading end of the base material.

1459826884-86b3a616-e908-418b-8d19-23d784eb3931

A display array element including a substrate, a prism rotatable relative to the substrate, and a fluid conduit defined in part by the substrate. A control unit in this device selects one value among values obtained by adding 1 to four PUCCH resource indexes, which have been preset for PUCCH resource 1 by the base station, on the basis of values for transmission power control information in a PDCCH, for which notification has been received at the start of SPS. Further, selection of a downstream flow and a downstream neighbor node may be based on the estimation. The instruction unit selects one of a plurality of colors associated with the game in response to the actuation of the mechanical number selection device, and causes the first output device to provide a sensory perceptible output corresponding to the color selected by the instruction unit. For example, the system may be configured to determine multiple properties of a specimen including, but not limited to, critical dimension and a presence of defects. The bridging section is integrally formed with some portion of the first section or second section.

1459826884-bd6089b9-9f62-423d-9053-deeec0024820

A process for the fabrication of semiconductor devices on a substrate, the semiconductor devices including at least one metal layer. The pre-stored digital word generator includes a edge memory used to store a primary preset information; an edge address counter used to point to an address of the edge memory; a reloadable down counter used to count according to the primary preset information and trigger the edge address counter; and multiple word generating circuits having a secondary preset information. A sensing period when the backlight is turned on and a sensing period when the backlight is turned off are set once, respectively, in the one-frame period.

1459826885-0c7a896e-63ea-4cae-8564-078e0ca4930c

A method, an apparatus and an article of manufacture for forecasting a meteorological parameter. First, a plurality of users are set to a logged-in status. , instead of a halogen-based flame retardant, as a flame retardant.

1459826886-239819be-d8b3-40be-bcfe-de5bd7cd35a7

Systems, methods, computer program product embodiments are provided for enhanced license management. The image identification apparatus includes a transformation module, a first comparing module, a second comparing module and a determination module. Each of the plurality of fringe sets intern have a structured-light pattern that is projected when one emitter group of at least one of the plurality of light emitters is emitting. When the first casing and the second casing are connected to each other, the first baffle plate is slidably inserted in the slit.

1459826886-9d2225e9-60de-4713-9bf9-5ca21fa51081

Process for the production of electrolytic capacitors with low equivalent series resistance and low residual current, having a solid electrolyte formed from conducting polymers and an outer layer containing conducting polymers and a binder, electrolytic capacitors produced by the process and their use. The microwave antenna has a radiating portion connected by a feedline to a power generating source, e. , a first storage device and a second storage device, in which the storage devices may both be active.

1459826888-197aa6cf-6727-4897-8ff6-305953aee695

The present invention uses invisible junctions which are a set of local features unique to every page of the electronic document to match the captured image to a part of an electronic document. As the valve is engaged with the bracket, a vapor vent fitting provided on the cover is received in the valve outlet and sealed by a seal ring. Normal memory access instructions may execute and will retrieve data from main memory in the event of a cache miss; however, these instructions are not allowed to allocate entries in the cache. The crystal holder holds the first and second crystal blocks at such angles to each other such that both crystal blocks diffract X-ray. Further, the synchronization control unit is configured to



synchronize refreshing of the display unit and the light transmission control unit, wherein a refreshing rate of the display unit equals to a refreshing rate of the light transmission control unit, and to dynamically adjust the view sequence based on the position information of the one or more viewers. The piston is associated with a compensating piston whose end face subjected to the pressure at one of the ports of the directional control valve is arranged before the valve seat when viewed in the closing direction.

1459826888-5709b1a0-27f0-4689-813f-599e89a725cc

An erectable, collapsible frame for a shelter, the frame being erectable to support a canopy in order to form the shelter. On the basis of the comparison, frequency bands of the input audio signal are selectively attenuated. The calibration signal is down-converted, with the receiver, to provide a down-converted calibration signal. The invention further provides a method for accessing and monitoring the operation off-site. The first timing unit transmits data to the second timing unit, and the second timing unit transmits data to the first timing unit. Protective means are placed in the environment of the chip to obtain an electrical and biological insulating effect for the active part with respect to the input and output contacts of the connector.

1459826888-d34dcfbd-6642-49a4-98c3-fa96e293f5e2

An insensitive crystalline high explosive molding powder, usable as a booster HE. The invention also relates methods in vitro and in vivo for testing hormones or another related molecules by cell proliferation or tumor proliferation. Blocking operations are eliminated from queries using a cost-based approach.

1459826889-00aa9267-db7a-4496-9a26-01cfad9889fd

A method of hydrogen recovery in refineries and petrochemical operations in which some or all of the feed streams for separate PSA units are combined and utilized as feed for a single PSA unit, and in which some or all of steam reformer product and refinery offgas streams being used as feed streams for separate PSA units are combined and utilized as feed for a single PSA unit. According to an aspect, correlated noise is reduced by coupling the reference inputs of imager amplifiers to common voltage sources. The first locking element is configured with a connector body for engaging and capturing an elongated rod and a transverse rod simultaneously. The weather information extraction may be performed according to a criterion such as extracting the weather information with a certain importance level or higher, extracting the weather information of top n th importance, or the like. An impedance matching network is additionally provided to make the operating frequency of the slot substantially the same as the operating frequency of the wireless communication device.

1459826889-36403bae-dc22-4949-9ba7-b77e8d61d486

An alignment mechanism to assist in antenna alignment is described. Structurally, the apparatus is provided with a cabinet body with an interior for placing test specimen. A job indicates that a certain application program is to be executed with a certain set of input. One disclosed embodiment comprises implementation of an EUV debris mitigation filter in an EUV source collector module utilizing a discharge-produced plasma light source.

1459826889-61cbb6b-271a-4984-9091-54b7577d4476

A method of humidifying a gas that includes supplying a gas to a surface of a humidification material that readily absorbs moisture and readily releases moisture when exposed to a dry environment and generating turbulence in the gas as it passes over the surface of the humidification material. More particularly, a gate stack of the transistor is formed to include an optional layer of poly-SiGe and a layer of poly-Si, where at least one or the layers comprises carbon. An insulating material is formed over the substrate, including the MRAM stacks with the upper layer of conductive material.

1459826889-cf54459c-2264-4d96-93e0-e2d61db1d008

A ventricular rate based on first candidate waveforms and second candidate waveforms within sensed ventricular waveforms is compared to an atrial rate. Lumber placing apparatus includes an actuating assembly that can be actuated to move a sticker support bracket that is operatively supported thereby in a substantially vertical direction and in a substantially horizontal direction during transferal, by the sticker support bracket, of a sticker from a sticker in-feed conveyor to a sticker tray. The compounds of the invention are suitable for use, for example, as hypolipidemics.

1459826890-2eca6507-6419-4b4f-bf89-af4c7ca487ba

Vertical cavity surface emitting laser arrays that emit light at different wavelengths and that are suitable for wavelength multiplexed applications. The system includes an injector for injecting a gaseous reductant into an exhaust gas stream, and a mixer attached to a surface of the injector. A measuring device is provided with the depth gauge for measuring the relative distance between the tip and the reference member, and the measuring device has a large, digital display for providing the relative distance. It suggested of a favourable prospect of application.

1459826890-4953ef15-0009-46a7-b192-b1aacbea6242

An electronic part and a complex electronic device each include a substrate that contains at least one material selected from a dielectric material and a magnetic material and two or more coils that are formed in the inside of the substrate. The print system reads out the job information spooled at the time of reception of a grouping start instruction from a spooler and stores the information. In so doing the mono-amine and di-amine derivatives of CL-20 are rendered and which in turn may be subsequently utilized as intermediates to generate further novel derivatives with differing physical and chemical properties to the parent compound. Other embodiments store more than the first page, or a part of the full file or document, thereby creating a safety margin in storing more than one page. A fixed logic processor, a first auxiliary processing interface, a second fixed logic processor, a second auxiliary processing interface enable communication with the configured processor, wherein the configured processor remains configured to enable both the fixed logic processor and the second fixed logic processor to access the configured processor to perform the fixed logic function. A thermal process is performed that reacts the metal with the p-type polysilicon in the presence of the catalytic surface to form a metal silicide.

1459826890-b47a0ba7-666c-4cfb-b33c-bcee83633135

A method is described for configuring a system having a plurality of processors to provide the system with at least one cluster of processors, where each cluster has one service point. A second level detector offset-controls a second output node in response to a pair of second reference signals. The method can include determining at least two performance values for the watermarks, determining some collective metric of the at least two performance values, and removing or preventing watermarks from being in the subset based on the same collective metric. This improved control is used to improve various engine control functions.

1459826891-42fe1dd7-90bb-44ac-bbd0-e1803a868b80

A DC-to-AC power inverter includes an input port, an output port, a switching circuit, and a system controller. In one embodiment, the contact probe device includes first and second contact probes connected to each other, the first contact probe including a first film, and a plurality of first wiring patterns formed on the first film, each first wiring pattern having a front end portion projecting from the first film so as to form contact pins. According to embodiments of the present invention, the two equalized signals are respectively demodulated according to a transmitting diversity mode, and then a maximum ratio combination is performed

on the two signals to get a demodulated signal, which improves the performance of the demodulated signal and the equalization system. The compliant biasing member is accessible for adjustments from the external environment. The stepped nozzles can be provided such that the exit diameter can independently dictate the drop mass and the entrance diameter can independently dictate the drop speed.

1459826891-7d9fb0fa-f914-48d4-9b72-1df621632828

A substantially pure capsular exopolysaccharide adhesin of coagulase-negative staphylococcal strains, and a gonoral method to prepare such adhesins, are described. When one of the left or right drive wheel moves backward and the controller detects that the user is behind the one of the left or right drive wheel, the controller suppresses or stops the wheel driver from driving the one of the left or right drive wheel. The graphics system has a graphics processor includes an embedded frame buffer for storing frame data prior to sending the frame data to an external location, such as main memory. Mating the insert housing, with the bore tube inside, to the muzzle portion engages the first angled surface with the second angled surface causing the first bore at the output end of the first bore tube to substantially align with the second bore at the input end of the muzzle portion. Transmission of the data user block is delayed until the next transmission slot. A controller trims a pulse-width of the first fuel injector until first and second AF ratios of respective exhaust of the first and second cylinder banks are equivalent.

1459826892-229642b6-8eb0-4211-9c85-5038c9f2ef8b

An object of the present invention is to quantitate with good accuracy, furthermore, quantitate absolutely, one or a plurality of biological molecules in a sample such as a tissue, a biological fluid, a cell, a cell organ or protein complex. An embodiment of the present invention includes a housing, an optical fiber, a collimating lens system comprising at least one lens, and an inner tube. For each Internet Protocol address block from which requests for content resources are expected to be received, the method generates a candidate list of data centers to be used to service the requests. The first device then piggybacks its discovery information in the SACK option of the ACK packet which completes the three-way handshake. The lithium secondary battery of the present invention can ensure its safety even when overcharged.

1459826892-6b866d79-3f75-4339-8354-cebd69052694

A method includes detecting an identity change instruction. Accordingly, when an axial impact force indicative of a sudden deceleration is applied to the shift lever, the support is broken. The inhaler comprises a release device which, upon actuation, releases the resisting force and allows the preload to actuate the aerosol valve.

1459826892-8ca426e8-5ceb-4001-8183-19a9971cc599

A system and methodology for implementing an all-Internet Protocol for voice and data communications on a code division multiple access network. In one embodiment, a buckle assembly is configured to detachably engage latch plates. This process makes it possible to improve the dielectric breakdown resistance of a copper interconnection formed by the damascene method. A wavelength-converted light generating apparatus and generating method capable of favorably generating light of a shorter wavelength than incident light of a predetermined wavelength by wavelength conversion is thus realized. The invention also relates to a computer program product comprising an algorithm defined by the above method. Therefore, the components such as high intensity discharge lamps and optical processing devices are unnecessary any more, reducing the bulk volume of the testing device and its related cost.

1459826893-6f19ff4c-6e2a-4825-a8ff-17b4ce036496

A hybrid IC card has an IC card and a housing. The third panel is retained by and

between the first and second panels in a manner in which at least part of the third panel is exposed. The tissue webs may be constructed so as to be relatively non-compressive and may have a resilient three-dimensional structure. The network is subdivided into logically defined rings, such that each working and protection circuit lies on one or more of the rings.

1459826893-8769f5b8-5c8a-461b-abe9-e6d0f81e8d4b

Embodiments of a user station and methods for synchronizing with devices in a wireless communication network are generally described herein. In one embodiment, an apparatus that includes a barrier component configured to be disposed within a plasma chamber. At least one of the light-emitting modules has a control unit and a bypass unit electrically connected to the light-emitting unit. Metadata associated with the key-points provides the user with additional information relating to the corresponding entities. Sesquiterpene-lactones form part of the prodrugs, and are designed to be linked to carrier moieties such as the peptides of the invention.

1459826893-89e9a28c-461b-43fd-b613-4a6c86c84531

It is a magnetic recording medium for which favorable values for all of reproduced output, noise level and error rate can be obtained, and which is also superior in terms of storage stability. The sharing model includes systems and methods that allow users to conveniently create and customize tabs and tab sets that define relationships between custom objects and fields, standard objects and fields, and applications. The second arm is pivotally biased to a wafer-hold position by a graphite bias member.

1459826893-fa05ae09-9cbd-4d97-bcaf-264088e8e204

A fastener installation tool is provided that is used to install a threaded nut onto a threaded fastener of the type having a non-circular recess in an end of the fastener that matingly engages with a male member that has a complementary shaped non-circular tip end to the non-circular recess. The container assembly includes a flexible pouch and a base. In addition, the second resin layer is provided over the first resin layer. The arm brace is configured to control an angle between the swimmer's elbow and wrist in order to promote early vertical forearm positioning as the swimmer's arm moves through a catch phase of a swimming stroke. The second side of the ear portion defines an exterior portion of the opening.

1459826894-0fc596df-67dc-4905-acdd-511aa64a9d45

This invention comprises a layout method to effectively protect electronic circuits against soft errors and circuit cells, which are protected against soft errors. The developer carrier bears a developer, and is disposed facing the image carrier at a first position. The second-order polarization mode dispersion is compensated by recognizing the separate sources of second-order PMD, and coupling of a portion of the optical signal into the orthogonal polarization relative to the main pulse with a different transmit time. Accordingly, the functionality of the SMM mode of various processors and the native mode of Itanium processors can be extended through add-on drivers written by parties other than the OEM from the computer system or the BIOS vendor for the system. The frame is effectively divided into two mutually exclusive groups of symbols; one group is copied M times and the other group is copied M+1 times.

1459826894-20e29582-1561-4c8f-b765-2617d1be804f

Swim goggles comprising first and second substantially rigid frames each having a base portion, an eye lens portion, an inner end portion and an outer end portion. The DC driver circuit includes a first capacitor coupled to a first switch where the first switch is coupled to an amplification circuit. The at least one anchoring unit includes at least one elongated member and at least one fastener. A shape memory alloy of elements refers to any molecular or crystalline combination which is a solid possessing the shape memory property of at least two solid phases in the

operating and storage conditions of a hard disk drive.

1459826895-03478ea6-0ccb-4d2a-ad27-e253f353e385

Apparatus includes a communication predelivery receiver, configured to communicate with and relay both IP addressed overhead and IP addressed payload data from an originating communication device. The object can include one or more optical elements such as a lens, or may include a plurality of fused fiber optics or collimated light tubes to convey the image appearing under the object to a different surface. A leadframe includes a member having a proximal end and a distal end. The trench is sealed with a sealing material such that the trench is air-tight.

1459826895-81f8335f-ea7d-4211-9abc-c3d2c7321165

The present invention concerns novel stent apparatuses for use in treating lesions at or near the bifurcation point in bifurcated cardiac, coronary, renal, peripheral vascular, gastrointestinal, pulmonary, urinary and neurovascular vessels and brain vessels. Consumables are categorized and displayed in lists associated with an appropriate color to draw attention to relative nutrition content and to facilitate quicker and easier evaluation of a consumable of interest. They also receive video signals from the server and frequency demultiplex them for transmission to the client. A light supply portion is mounted on the flexure and is provided between the flexure and the slider. In the first operating position, the run-off surface faces upward, while in the second position a surface of the work platform opposite the run-off surface faces upward, the surface forming a secure standing surface for a person.

1459826895-8a4d3a1e-8624-4d76-bc97-4dc43ca9c637

A pixel charge-discharge circuit charges and discharges a series circuit of a capacitor by alternately connecting two types of auxiliary capacitance wires to a high voltage source and a low voltage source by using four types of switches. Solids removal can be accomplished by electrophoresis in the same unit employed for electrolysis of brine to release chlorine, or in a separate unit. The system also includes a receiver having a photosensitive detector capable of detecting the modulated light signal and a decoder capable of decoding the predetermined signature.

1459826895-9dc3f12e-40dd-4b5e-8409-c7b2ebb886b6

A load disconnection lock having a locking device which is secured against unlocking by means of a safety device as long as the tensile load is not less than a predefined minimum value, and which unlocks automatically when the tensile load is less than the predefined minimum value. A stiffener is attached to the socket body. The serializer can be configurable to support other gearing ratios as well.

1459826895-bd17cb58-20b2-4852-9717-0c3565f7c7b7

A virtual device includes multiple devices connected to operate as a single device. The method includes connecting a pixel electrode overlapping a portion of the opened gate line to the gate line, and forming a metal pattern to electrically connect two adjacent pixel electrodes. The via sidewall surfaces have a first portion and a second portion. By changing the location of at least one zero in response to the measurement signal it is possible to dynamically change the compensation based on variations in the inductance of the inductor. The compounds are useful for the treatment and/or prophylaxis of diseases which are associated with 2,3-oxidosqualene-lanosterol cyclase such as hypercholesterolemia, hyperlipemia, arteriosclerosis, vascular diseases, mycoses, gallstones, tumors and/or hyperproliferative disorders, and treatment and/or prophylaxis of impaired glucose tolerance and diabetes.

1459826895-f3085cdc-61f9-44f6-a7f0-28392c218439

A servo system for writing servo information on a recording medium of a hard disk

drive and for determining head position based on the servo information with a tracking accuracy, the servo system including a first magnetic head and a servo writer. Each electrode includes a connector, all the connectors being located on the external periphery of the ring of detection elements. The radiating element is fed electro-magnetically by a parallel planar feed element connected to the antenna port and located near the radiating element, between it and the ground plane. The light guide reflection plate is configured to transmit light emitted by the light source. A noise countermeasure information determining unit determines noise countermeasure information based on an item selected by the user from the noise countermeasure list information, and transmits the determined noise countermeasure information to the user terminal. Carbon nanotube arrays are combined with a thermally conductive metal filler disposed between the nanotubes.

1459826896-63008ee7-b24e-46c2-be1b-4a0c9125bcdd

During an electronic call between two individuals, a sound localization point simulates a location in empty space from where an origin of a voice of one individual occurs for the other individual. In one embodiment, a method for obfuscation techniques for enhancing software security includes selecting a subset of code to obfuscate, and obfuscating the selected subset of the code. A step is formed between the first mounting section and the second mounting section.

1459826897-4efa9ac0-9026-493c-8f5d-637ec6831277

A lighting apparatus is disclosed. In some embodiments, the antenna parameter measurements comprise radiated power. The codec may include circuits for partitioning the image data into fixed-size blocks of image data and compressing the image data in each fixed-size block based on the image content in that block using a logarithm-based quantization of selected transform coefficients. During the grant pending absent state, the customer premises equipment sends no upstream data to the base station controller but can use the unicast request slot to request a data slot for sending upstream data to the base station controller. The system includes vehicle lamps according to the present invention, and can include sensor processors located within each of a plurality of lamps, or sensor processors that are centrally located within the vehicle. The passive infrared camera system includes: a lens; a refrigerated portion including the infrared sensor device and the optical bandpass filter.

1459826897-baf49ce8-3810-4c47-ba8b-e3206cc81fdb

The present invention belongs to the field of biomedical material, and is particularly related to a method of preparing bioactive glass coatings by liquid precursor thermal spray. The addition of an amino-containing compound to the self-dispersing pigment can improve the reliability and performance of the ink in an inkjet printhead. Each coil has forward extending arms including an angled portion and forward vertically coincident portions. The idea is to retrieve timely and spatially continuous upper level wind information from wind profiler measurements. This type of form panel allows the formwork fittings used with conventional plywood form panels to be used at the time of erection, is lightweight and has good workability, is durable, does not easily leak concrete, and can be recycled. The control method includes: controlling the current which is flowing through the superconductive magnet for limiting the fault current in the power net in the case of a short circuit fault event.

1459826897-bb2ff43f-6f4c-4081-b0a7-2df57ca28bd4

A fuel tank vent system includes a fuel vapor vent apparatus and a vent controller. The substrate has a {100} crystallographic orientation. The comparison may include segmenting the documents into blocks, where an arrangement of blocks of a document represents a layout of the document. In these embodiments, an overall EDA process is divided into a plurality of pipelined stages to accelerate the computational speed of the overall EDA process. The system controller is also configured to deactivate the power converter, while the contactor is maintained in the closed

position, when an alternating current power output has remained lower than a power level for a length of time. Such arrangement of the cooling system achieves satisfactory cooling of the vehicle even in a situation in which an air-intake port, for introducing air into the radiator, must be made small.

1459826898-975bfd06-4321-499a-b42d-9a1aeaf0c3b1

A mirror file systems is a virtual file system that links two or more file systems together and mirrors between them in real time. The air conditioning system includes a compressor, a condenser, an expansion device, and an evaporator connected to one another by refrigerant lines. The interactive entertainment phase may include multiple interrelated layers such that progress in one or more layers may affect the participant's experience in other layers. The self steering capability may be obtained by use of a longitudinally oriented rocker that may tend to permit resistance to deflection that is proportional to the weight carried across the interface. A control system is operable with each electric servo motor of each actuator for providing a simulated motion to the passenger platform including a heaving motion such that the vertical downward acceleration experienced by persons riding the elevator exceeds 1 g, by way of example.

1459826898-9b541605-779b-4a3a-a48b-fe2788654c52

Light sensors having a wide dynamic range are used in a variety of applications. The light-emitting device includes a first flexible substrate, a second flexible substrate, an element layer, a first bonding layer, and a second bonding layer. The array substrate also includes common electrode lines.

1459826898-c16829f8-a92e-42c6-bce5-4a149e53a75d

A tremolo assembly for a stringed instrument such as a guitar can be used in an instrument comprising a body, a neck and a head. These fasteners can be of any number and mounted on the top or sides of the body. These instructions are then sent to be installed on a network device that provides access to the network resource. Laterally spaced locking pins each include a pin connection link that is coupled to the cam. An application may request, from the storage system, an image of the file system. In particular, the luminaire generally comprises one or more light modules, each one of which comprising one or more light-emitting elements, and optionally comprising a heat sink in thermal contact therewith and output optics for managing light output from the one or more light emitting elements.

1459826899-3d62e99c-ea9c-48f2-a603-e22fa6377631

A continuously variable transmission for a motor vehicle, possessing a variator with a primary V-pulley set and a secondary V-pulley set. A radiance camera is described in which the microlenses in a microlens array are focused on the image plane of the main lens instead of on the main lens, as in conventional plenoptic cameras. The central adapter portion is a disk with an F-type or S-type adapter. In addition, a trigger signal can be generated by establishing an electrical connection between a signal contact element and the conductive element in the magnetic power connector so as to achieve the purpose of identification or control, thereby avoiding the functional failure caused by the damage of the contact element of the matching magnetic connector. The method is repeated until the set of orthogonal codes is complete.

1459826899-659ee15e-cd9a-4528-8e85-91099c96d026

A rotary finishing device including a generally circular hub having an inner periphery and an outer periphery. The method comprises the steps of producing a semiconductor substrate, depositing a binary chalcogenide layer onto the semiconductor substrate, depositing a sulphur-containing layer onto the binary chalcogenide layer, and creating a ternary chalcogenide layer comprising at least two different chalcogenide compounds ASexSy. Based on this indication, a technique may be selected for correlating a measured signal intensity to an analyte concentration or range of concentrations. To stow the cover, the side flaps are

released to return to their folded positions whereafter the cover is wound on to a roller at one end of the container. Comprising colostrum, lactoferrin, and with modified citrus pectin as an optional component, the dietary supplement is administered in mucosal delivery format: a dosage form that promotes effective absorption through the lining of the oral cavity. The lower end of the feeding reservoir includes a base portion having an opening therethrough for receiving fluid from a storage reservoir.

1459826899-7162ef02-4122-45de-a6b4-956911f1c9c5

A device and method to detect a gesture made by an object in touch-less communication with the device are described. In one example embodiment, a method of virtual defragmentation in a deduplication vault includes a virtual defragmentation phase. The transfer case further includes a powershift clutch assembly comprised of a first range clutch located between the carrier and the ring gear, a second range clutch located between the first sun gear and a stationary member, and a third range clutch located between the second sun gear and the stationary member. In response to receiving the funds, the kiosk may dispense a redeemable voucher to the user, including a redeemable voucher for any amount paid in excess of the amount due. Further, the method for separating the sound source from the mixed signal includes separating the frequency clusters by applying a blind source separation to signals in frequency domain for each frequency cluster; and integrating the spectrums of the separated signal to restore the sound source in a time domain wherein each of the separated signals expresses one sound source. Electrochemical parameters of the calibration batteries are measured.

1459826899-800bd258-235d-4d11-a7f1-f18ef4aff125

A method and system for physiological gating for radiation therapy is disclosed. The landmark pair forming unit forms general landmark pairs using of a distance between each of the reference landmarks and the general landmarks, and also forms general landmark pairs from the remaining general landmarks using the distances from the general landmarks included in the general landmark pairs. Each includes a zigzag portion with leads at different spatial locations. The microprocessor may execute the setup kernel to determine the operational characteristics on the device.

1459826900-29fbbcfcd-4f95-42ff-b735-9a377a4994a9

A vehicular mirror 12 having a first curved portion 18 and a second substantially planar portion 16. The various bearing types and the startergenerators are arranged in such a way as to share peak loads experienced by the engine shaft during maximum aircraft maneuvers. The retail performance metric type is determined as a function of the input received by the system. The second set of wireless link parameters corresponds to higher error tolerance than the first set of wireless link parameters.

1459826900-625aa803-4158-4023-a5a3-70196496b431

The present invention allows transmission of multiple signals between masthead electronics and base housing electronics in a base station environment. Additionally or alternatively, the method can include the utilizing a spatial mask and a variable splitting technique in the PSF estimation cost function. A semiconductor chip is attached to the substrate. Systems, methods and computer program products are provided in accordance with this and other aspects.

1459826900-6b016607-ad42-48af-8999-69cfb0c537c3

A system for bulk network transmissions using multiple connections primed to optimize transfer parameters includes one or more processors and memory coupled to the processors. The attachment includes a leg having an upper end and a lower end. In other embodiments relating to data receipt, a plurality of portions of data is received utilizing a plurality of different types of data connections, after which the portions may be reassembled. This processing is repeated to generate a panorama



image.

1459826901-1ad6dc4c-765c-4056-83ac-d4dd6b1174ff

A test handler is disclosed in the present invention. The light injector injects light into the light guide panel at a suitable angle for total internal reflection of the injected light at the surfaces of the light guide panel. The radially changing surface produces radially non-uniform and unsteady heat release that does not couple with acoustic modes within the exhaust duct. A structural representation of the compounds of this invention is shown below: . In one embodiment, the visual sensor also includes a process check portion adjacent to the banding portion for indicating whether a predetermined imaging parameter is within designated limits. The radionuclide is administered to the body in an amount sufficient to allow uptake and retention by the tumor cells.

1459826901-3d351b4b-dc66-4e73-9e44-f37b74ce9428

Apparatus and methods are provided for measuring the potential for mutual coupling in an integrated circuit package of any type or configuration using a network analyzer in conjunction with a coaxial test probe. ; and carbonizing the resulting product by heating it to a temperature of 500-3000\xb0 C. The balun includes a 1st winding that is coupled to the single-ended radio frequency signals and a 2nd winding that is coupled for differential RF signals.

1459826901-b82484d6-5900-4c19-9b82-e2a1d1767573

Scroll compressors include a tap for communicating a compressed refrigerant to a back pressure chamber to resist a separating force. A stack of memory arrays is formed by tow or more ribbon-like structures, which are folded and/or braided into each other. In one arrangement, a bowling game may determine a reference time at which a bowling ball crosses a predefined location in a bowling lane. The second circuit may be configured to invert the parallel signal in response to a control signal in an inverting state.

1459826901-f35804cd-6073-42d4-8981-0f33757eb08e

The QuickSite method provides a framework for conducting accurate, timely and economical site investigations and characterizations of potentially contaminated regions. The article includes a substrate, an overlay bond coat deposited over the substrate and a topcoat deposited over the bond coat. In some instances, control of an HVAC system may be modified based upon predictions of Critical Peak Pricing events. It further relates to metallic fluids or inks prepared from the dispersion and to the preparation of the dispersion and the metallic fluid or inks. When correctly installed, a tire chain tightener with N+1 hooks will form a symmetrical N pointed star inscribed in the circumference of the tire chains. At each cross point is located a memory block for storing any data packet received from the input port corresponding to the cross point and which is to be forwarded to the output port corresponding to the cross point.

1459826901-faef6145-cef3-48f6-9140-2a6601dd2917

The present invention provides methods of using metal nanoparticles 0. % high molecular weight film forming carbohydrate; 5 to 30 wt. The coating station and the coat-adjusting station comprise first and second bars for respectively coating and measuring the liquid agent.

1459826902-3d71aef6-e10b-4dcf-b9fe-73ab719bbb8e

A system and method for digital management and control of power conversion from battery cells. 1 to 20 volts peak to peak through said first and second electrodes. When the health care provider needs to use the stethoscope, the device can be slid up a length of the stethoscope to a desired location so that the diaphragm is exposed for use. The resultant beam provides extra reinforcing material where needed to provide a balance between weight and strength. The body includes a pliable first layer and a second soft fabric layer configured to engage digital

data readable portions of the optical disc.

1459826902-a75a8cf8-b7fd-4a34-ab89-2bc86e81545a

A diaphragm for a diaphragm valve in particular for liquid fluids includes a backing membrane and a primary membrane which are supported by a central connection pin. This application presents a three-dimensional mathematical model o study the interaction of light with a fully faceted, colorless, symmetrical round-brilliant-cut diamond. Parameterization values obtained are supplied to a predictor that extrapolates the behavior of the energy storage means. , the ability of the membrane to filter water by reverse osmosis; and to detect failures in the membrane such as leaking saline water into the output stream.

1459826902-b244a089-9764-4a5e-a701-e4d3034866bf

A circular filtering system that prevents the problem of inter-symbol interference. A method, for each of a number of future differently sized memory allocations, determines which memory allocations are to be satisfied from a lookaside list, and which memory allocations are to be satisfied from a memory pool. Speed divided by fuel efficiency results in gallons per hour. A control component may receive data units from the switch fabric after operation of the switch fabric and analyze the received data units to determine whether the received data units correspond to the inserted test data units. A preferred oxygenated water stream or source has a dissolved oxygen concentration of greater than 50 ppm. A motor control unit gives, to windings of each phase, currents obtained by adding, to a fundamental sine wave current, a current having a frequency which is three times as high as that of the fundamental sine wave current.

1459826902-b70fed9f-dde2-4e49-aa9e-26ba54b7182e

A surface of a workpiece to be laser machined is protected by a surfactant film form debris produced during machining with a laser beam by reducing adherence to the surface of debris produced by the laser machining. Digitized and compression encoded audio signals, stored in a semiconductor memory, are read out so as to undergo a decoding operation, which is an inverse operation to compression encoding, to reproduce the audio signals, and the reproduced signals are heard by the headphone. A second write head concurrently writes an incremental number of stripes to a specified first stripe pattern to form a first incremental stripe pattern with a fifth write element and writes the incremental number of stripes to a specified second stripe pattern to form a second incremental stripe pattern with a sixth write element. If the button head is pushed in its intermediate position, the center button axle makes only the center individual switch ON.

1459826903-bab3a847-efae-4331-a343-ef7c1da97b4e

In a fixing tool, a fitting portion includes a post, clamp plate, elastic press piece, and lockingunlocking piece. Frame flows routed through the switch are counted by hardware frame counting logic, which includes a content-addressable memory and counters corresponding to various frame flows. The layers of the supercapacitor are optionally rolled into an approximately cylindrical structure. The first control device is generally exposed when the moveable panel is in the first position.

1459826904-057a196a-bf19-48f4-b0ea-dbe9eb555e95

A new and distinct cultivar of Impatiens plant named \u2018KLENI05079\u2019, characterized by its upright and outwardly spreading to trailing growth habit; rounded plant habit; freely branching habit; dark green-colored leaves; freely flowering habit; relatively large intense purple-colored flowers; and good garden performance. The relay may be a single or individual relay or a polyphasic relay. In this annealed state, the instrument blank is twisted at low temperature, for example less than about 100 C. Each of the conduits include one way valves disposed therein to limit fluid flow to a single direction into and through the bladder.

1459826904-0cdd23b0-4df0-4658-b8c4-cbd8c7b4931f

High pressure capillary liquid chromatography solvent delivery is effected at substantially low volume and atmospheric pressure. Various ways of monitoring the energy level of the rechargeable battery and controlling the battery recharging process for user convenience and safety are provided. The rules may be selected based on whether the EPG data was collected in-band or out-of-band. The clamping mechanism further provides a pair of thumb-screw fasteners on the handle which enable the clamp to be secured to inserted branches or similar objects. The front and back surfaces of the laminate is almost entirely covered with resin-layers.

1459826904-a3153790-6dd1-40b9-86af-767e6fc9358e

A method and system for co-molding a thermoplastic material with a thermoplastic sandwich material to form a thermoplastic sandwich article having a thermoplastic inner portion are provided. The gear head forms a gear housing, in which a free wheel or ratchet gear having an output rotational axis is arranged. At least one of the pinching elements of each pair comprises a delaying element for delaying or postponing a pivotal motion of the pinching elements towards the pinching position. The electrodes are formed on the base material and detect the terahertz electromagnetic wave incident on the incident surface of the base material.

1459826904-bb5c413b-a4a4-4129-b760-bb652d6a19b9

To provide a method for producing a Hippocastanaceae plant seed extract which is less colored and is suitably incorporated into a composition such as a pharmaceutical product or a cosmetic composition. An elongated track member is attached on the first structural member. The external interface module retrieves a comparison software file from the source external to the vehicle corresponding to the part number and compares the software file and the comparison software file. The nozzle body is threadedly received within the carrier behind the swirl unit to axially press the swirl unit, and in turn press the orifice plate against the adjacent surface of the carrier. cerevisiae reactions, a constraint set for the plurality of S.

1459826904-cbf6cde0-4375-46b9-a842-7e364e4b202c

The invention relates to a process for the crystallization of the compounds of the formula or acid-addition salts thereof, in which R1, R2 and R3 have the meaning indicated in Claim 1. The drive system is operatively coupled with a reservoir to infuse a fluid into a body. Then the cut apart glass plate is rotated by 90° and the partial plates are moved apart from each other. Likewise, a data collection device communicates with the interrogation component as well. Each of the first and second guides defines a channel configured to receive the first and second guiderails of the module.

1459826905-0071207c-ab5d-4fdd-b5bd-d308cf740214

The present invention concerns a projection system for providing a distributed manifestation within an environment. The drive system comprises a piston drive assembly, a hydraulic system, and a vibration drive assembly. The stereoscopic output includes images of a virtual reality tool whose motions mimic motions of the real-space grip.

1459826905-3c5f1b88-a7a0-4c1f-869a-30c61b63f04a

Primary and secondary Li-ion and lithium-metal based electrochemical cell systems. The large ink reservoirs may be pancake shaped, and may be stacked in side by side horizontal manner within the housing. The electron field emission material includes a carbon nanotube having a number of concentric graphene shells per tube of from two to ten, an outer diameter from 2 to 8 nm, and a nanotube length greater than 0. Accordingly, the pre-counters merely have to be wide enough such that even at a maximal event rate, the pre-counter will not be able to wrap before the \u201csweeper\u201d state machine accesses the pre-counter. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric

polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. The positive-electrode mixture layer contains a compound including sulfur and/or phosphorous, a first polymer serving as a main binder, and a second polymer different from the first polymer.

1459826905-684deeb0-a6d3-427d-8223-c73e3461be26

System for arranging holders for information-carrying labels in optional positions along the front edge of a shelf or equivalent. In turn, a test system tests the electronic assembly in response to the electronic assembly being subjected to the thermal cycles. This strain can be used as vaccine. The first lens group includes cemented lens elements, and the cemented lens elements are positioned at the most object-side of the first lens group. Lock-pins are extendable from each side of the lower sash. In a preferred embodiment, the device applies parallel rows of surgical fasteners to body tissue and concomitantly forms an incision between the rows of staples during an endoscopic or laparoscopic surgical procedure.

1459826906-b116d6b3-a3fe-41bb-ae69-39ae72772803

A method and system for displaying and reporting project completion information of a large-scale project having a number of individual subprojects. The phase change memory cell includes a first thin film spacer and a second thin film spacer. The basis vectors account for colorant interactions between a primary colorant with which the color separation is to be rendered and at least one secondary colorant with which at least a second of the plurality of color separations is to be rendered. Output from the optical sensor is processed by the guidance and control electronics to produce command signals for the electromagnetic actuators.

1459826906-cb774ea2-bd4d-4202-9d85-2df9fd5a2838

Compositions and methods for the treatment of pain in a mammal are described. A number of nodes are initially generated, each connected to an initial generator, to create respective initial root nodes of an initial tree structure. An adjustable mirror assembly is carried at one end of the support member including laterally spaced first and second mirrors, the first mirror receiving light from the light emitting source and the second mirror directing light to the light receiving point.

1459826907-43c92d1c-7851-44f3-9429-c62c491cec37

A sludge treatment plant includes an extended floor with a work surface for receiving a mass of spread-out sludge and a movable carriage positioned transversely above the work surface. A fluid filling method for a vacuum container is also provided. The particulate absorbents are generally placed in the forming box by distribution units which may have metering devices and outlet chutes extending into the forming head. The insert is rotatable between two positions, an upright position in which the perch is below the base central opening enabling birds to feed while standing on the perch, and an upside down position in which the perch is above the base central opening, requiring birds to hang upside down from the perch to feed. One or more optimizations may be included in the optical structure including optically absorbing materials, varying the geometry of the structure to change reflective angles, using optical apertures, changing the reflectivity of one or more mirrors, changing the photodiode to be more impervious to spontaneous emissions, and using ion implants to reduce photoluminescence efficiency.

1459826907-8b76d802-65d6-4adf-876e-3828c53f4ad0

The device for measuring translation, rotation or velocity includes at least a light source, a light detector, a first grating and a second grating, the first grating being mobile relative to the second grating. The wiping device includes a front flap and a rear flap adapted to elastically and slidably engage the floor so as to define a suction chamber therebetween, with the suction chamber being fluidly

connected with a suction device. Thus the blade is pressed against and cuts a substrate and produces chips, and the blade is intermittently disengaged from the substrate whereby the chips move in the direction in which the blade rotates to be removed from between the cutting edge of the blade and the substrate. The latching portion guides and resists the IC package in the insulative housing. The attestation server stores said results in a database for comparison to subsequent results sent by devices. The structure so produced can be used for molecular separation.

1459826908-278997c2-1e44-487c-985d-dabf868845fe

A three part foundation system for supporting a building is described. The amplifier provides amplification of a source signal to the antenna and recovery of power stored in the antenna during periods when the impedance of the antenna is negative to enable reverse current through the amplifier to a direct current power source. The commands may be received from a device abstraction layer in response to a request from the simulator for any commands associated with the plurality of devices. In addition, the method may include binding the tag to the message by applying a message authentication scheme and providing a mechanism for down-stream applications to identify information about data included in the message by reference to the tag. A series of historical scenarios of the demand at the departure of previous instances of the flight are obtained from the potential profiles, and a stochastic model is applied to the historical scenarios according to the corresponding probabilities for calculating the optimised weight and volume authorizations for each category.

1459826908-2a2c95e6-cfffb-4a30-aa76-e715c0be2bcf

A head 4 includes a socket 10 and a weight body 12. The gusset includes a sleeve attached to the gusset along a fold location. The supplier information is stored by the server in a database. Each group is formed of a plurality fiberoptic strands. The system further includes a communication system coupled to the pre-screening stage and the screening stage.

1459826908-96e0aa8e-bb24-429f-850c-d9b1f13d4fe8

An image sensor has an array of image sensor pixels. The semiconductive foamed elastic layer is a layer formed by making the mandrel and a semiconductive rubber composition standing uncured and unfoamed pass through a crosshead die of an extruder to set the composition on the periphery of the mandrel, followed by curing and foaming. The interleaving includes computing positions of the information bits in the transmission bursts such that the values of the indexes of at least a portion of the information bits are modified. Further, the objective lens having a numerical aperture larger than or equal to 0. The formation to be treated may be chosen based on an initial vitrinite reflectance of the formation.

1459826909-612dbd9a-fbe9-41b7-9ace-c90d4df8f550

A clamp for attaching a vibration damper to an energized suspended conductor includes a base having a first clamp member with first and second extension sections. Signature data is acquired by registering a signature handwritten on a surface by a three-dimensional inertial sensing system having rate-of-rotation sensors and linear acceleration sensors. Within a memory controller, a request queue receives requests from a requestor, a bank decoder determines a destination bank, and the request is placed in an appropriate bank queue. Some embodiments may include a photofabricated seal formed by a photosensitive polydimethylsiloxane material, by a filled photofabricated mold, and by photopatterned glass frit. \u201cFor once you have tasted flight, you will walk the Earth with your eyes turned skyward, for there you have been, and there you long to return.

1459826909-7add339f-792d-4b47-9ea8-2c751330f6bf

Methods provide for post processing at least one flexible glass sheet with the step of providing the glass sheet with an initial shape. The MRAM reference cell sub-

array has MRAM cells arranged in rows and columns. By tilting the lock lever away from the pivotal ball mount, the pivotal ball mount is free to rotate so that its hitch ball can move in an arc laterally for alignment with the ball receptacle of the trailer tongue.

1459826909-e4b55d28-35cc-4d0f-9d82-1fa04ead9a61

A method and apparatus for secure authentication of Near Field Communication transactions based on proximity to a mobile key device. Each DRR includes a parameter indicating whether it is a null or non-null DRR. An aperture may be formed through the rest of the thickness of the counterweigh block at each indentation, wherein a securing strap can be run through each aperture of a stacked plurality of counterweight blocks to secure them to each other. The process of the present invention may also include concentrating steps. A symbol stack may be replaced with another symbol stack. A processing system includes a scalar robot for conveying a bonded substrate stack held by a robot hand, and a centering apparatus, separating apparatus, inverting apparatus, and cleaningdrying apparatus disposed at substantially equidistant positions from a driving shaft of the scalar robot.

1459826910-3ed26acb-101b-4bff-a4bf-1827bdeed7be

A system and method for optimizing network delivery of streaming data is provided. The flexible flat cable includes: a first shield member and a second shield member disposed in such a manner as to cover a surface of a cable body including a plurality of conductors arranged in parallel with a prescribed pitch therebetween. Moreover, the controller may also be for selectively connecting and disconnecting the at least one other one of the antennas to an unused one of the wireless transceivers. In addition, the hinge is hidden from incoming light thus improving contrast and fill-factor.

1459826910-6076ba7c-f986-4f26-a2bf-0461bec824ee

A display device includes a pixel driver circuit. Said mop cover comprises at least two layers that are interlinked in a manner so as to configure a pouch-type mop cover having an insertion end. without the weight of the patient or the patient's foot on the scanner, has multiple arms and multiple adjusting members for first allowing the scanner to be easily positioned to desired positions and then temporarily held in any chosen position while a patient's foot is being scanned. A non-flowable granulate material is packed in the container. At least one abutment face for tangential abutment in a circumferential direction is provided on the guide end and a support face is provided thereon for radial support in a radial direction. Furthermore, a wall mount assembly kit may include assorted clips or brackets for attaching to different slat wall configurations.

1459826910-c940b69f-a713-46d0-a841-f17ed549121e

A privacy enclosure system including a positionable seat which transforms into a privacy enclosure. The NAND string channel may be a single crystal of silicon or have a few large grains of polysilicon. Using the information processor, a user then specifies an image output sequence by rearranging the thumbnail images with a pointing device. Consequently, the workpieces can be stored in a vertical direction, making it possible to secure the number of stored workpieces while saving space.

1459826911-25901451-7c0c-466a-ba48-d0db4c76e12e

This invention provides for a process of rapidly forming silk fibroin gelation through ultrasonication. A node name is provided for a target node on the SAN and a port name is provided for each port in the target node. The effects of the binaural beats may include various health or other benefits to the hearing aid wearer. , and a molar ratio of mayenite to calcium hydroxide is 19. Related methods and apparatus are also disclosed. The hybrid inductors may be configured by varying transconductance, resistance, and/or capacitance and may be utilized as an amplifier load.

1459826911-e9b3b0fc-76a0-4015-9693-d121743923ca

A metal casting system and related method are described that eliminate or at least significantly reduce deposition and buildup of resinous materials in gases vented during a casting operation. Such interference between collocated wireless radio devices can lead to degradation in performance of one or both of the wireless radio devices. A daughter isotope is generated and collected from the first isotope. The method further includes electrochemically depositing a second copper layer on the copper seed layer. A statistical data generation unit generates a scatter plot, which has granularity on the vertical axis and a radiation dose on the horizontal axis, as statistical data.

1459826912-01c6d9ce-d738-4eba-83bb-886d1b2de1d3

A magnetic member includes a substrate and a magnetic element. The receiver part defines a receiving groove facing the microphone part. The square bar is passed through the probe in probe's passive direction during the calibration.

1459826912-39144b35-a9cd-4b29-b75f-e582c80030d6

The invention provides compositions and methods for the breeding, production, processing and use of specialty cannabis. The programming station generates a security code and communicates the security code to a memory of the programmable key. The local file data corresponds to file data in the remote cluster file system. The tapered, outer or inner surface of the shaft is typically longitudinally displaced from the cotapered transition section. Devices to practice the method include sewing machines having a sewing head moveable relative to a workpiece and a control handle operably connected to the sewing head to move the sewing head relative to the workpiece, wherein the display showing a pattern to be sewn is mounted relative to the control handle for movement with the control handle.

1459826912-5ae56fad-f017-428b-bbfa-57206824c295

A method and an apparatus to drive an analog signal into a sensory tissue. A distance between adjacent lens units change during zooming so that a distance between the fourth lens unit and the fifth lens unit at a telephoto end is shorter than the distance at a wide angle end and a distance between the fifth lens unit and the sixth lens unit at the telephoto end is longer than the distance at the wide angle end. Each orientation of the acoustic energy may be simultaneously or alternately generated. The stabilized zeolite is bound by a phosphorous compound, alumina and optional binders wherein the alumina added to make the catalyst is about 10% by weight or less and the molar ratio of phosphorous to total alumina is sufficient to obtain an attrition index of about 20 or less.

1459826912-6ec431e2-a081-40b2-b721-fbd37e79ad53

A semiconductor transistor with an expanded top portion of a gate and a method for forming the same. The output voltage of the permanent magnet generator is controlled by configuring the electrical connection of the stator coils. The processor including a scan test controller coupled to the first and second distributed shift generators, the scan test controller to provide clocking signals for the first time domain and the second time domain for performing an at-speed test of circuits coupled to the first group of scan chains.

1459826912-7a2344cd-c44a-44b6-936f-dde0a54af605

The invention relates to a pressure gauge having a cylindrical housing to which a bushing is fixed, which penetrates the housing. The processors may comprise acceleration units for comparing acceleration signals with acceleration thresholds, and magnetic field units for comparing changes of magnetic field signals per time interval with rate thresholds. Methods for making a semiconductor device having a substantially reduced internal stress are also provided. Photoresist monomers of the present invention are represented by the following Chemical Formula 1: .

1459826912-c4f586eb-5d4d-451f-955c-773b5b51e6a0

An image forming apparatus includes: a plurality of trays; a plurality of full-stack detectors; a first storage section; a second storage section; and a controller. This structure can preclude the main circuit part from being discerned by visual observation, a visible light microscope and an IR microscope, and accordingly imitation, copy and altering of the main circuit part by other people can be prevented. In addition, an arbiter for a bus grant among a plurality of master devices for access to a shared bus is disclosed.

1459826912-d3185a44-1ceb-440d-8390-bf498f1a80f9

A method is used in managing system IO load. A coffee maker includes a second water passage in which the flow of water is controlled so that it is converted into steam for delivery to the brew basket. An optical element is inserted into the optical axis so as to be retractable from the optical axis during imaging. The p+-type impurity region has a higher impurity concentration than the p-type well and is shallower than the p-type well.

1459826913-3c3ba9b2-b30b-403c-bd5a-c79406ba0859

A gas species monitoring system includes a laser, a fiber amplifier configured to receive an input signal from the laser and generate an amplified signal, and a variable optical attenuation system configured to receive at least a portion of the amplified signal and generate an attenuated signal for delivery to a measurement point, where the measurement point includes a gaseous fluid. With this structure, it is possible to reduce the magnitude of a polarization-dependent loss generated when the lid and clad layer are combined. A pattern obtained by repeating, for each predetermined period, a pattern processed in this way is superimposed on an image.

1459826913-d6174c92-0150-4f06-b87f-10ac1e8f831a

The invention discloses Cyphometry a cryptographic system comprising ciferglifs, chaotiglyphs and word auras. A snap-fit coupling attaches the wall plate to the bezel, and a snap-fit coupling attaches the hall fixture to the bezel. Further included is an outer housing surrounding and retaining the wire guide and a substance disposed within at least one of the plurality of slots of the wire guide. The photocouplers have the same delay characteristic. Other methods and a package containing an addressable array are also provided. In addition, since a progressive bitstream is generated, 3D volume data can be shown progressively when decoding is performed.

1459826913-efdda76b-d01d-408b-addf-d8e6c1f484f1

Transfer devices for handling microelectronic workpieces, apparatus for processing microelectronic workpieces, and methods for manufacturing and using such transfer devices. 8-15 wt % of at least one graft-modified ethylene-olefin elastomeric copolymer; about 0. According to the invention, a gate-source voltage of the driving transistor is set higher in the low gray scale display than that in the high gray scale display. The present invention further includes a substantially annular top section connected to the plurality of support members, and is spaced at a predetermined height from the base section for allowing a child to enter and exit the toy. A plurality of carbide precipitates and micro-cavities is disposed in the substrate below the at least one shallow junction.

1459826914-a2e5e823-dd18-4126-b07a-1b3aa689bf52

A logging tool is disclosed for measuring the resistive anisotropy of formations around a borehole. An information address corresponding to the object is then used to access information and initiate communication pertinent to the object. By being pressed by a finger of the user, the closure lever can be pivoted from a closure position, in which the closure body closes the pouring opening, to an opening position, in which the closure body unblocks the pouring opening.



1459826915-8ee04ef7-554e-45f3-b68b-e74161659a97

A flat bottom, stand-up bag and a method of manufacturing the bag is provided. A differential encoder performs a differential encoding of a data series that is an aggregate of data having a matching number of elements to that contained in the first signal, and generates a second signal. Each column has one or more slots extending in a second direction generally perpendicular to the first direction. Adjustment of the complete tooth model for the tooth can be provided through additional patient information, such as X-ray imaging, to address variations in root shape between a generic root and an actual root shape for a patient. The driver software requests, to the peripheral device, a list of the attribute values settable for the start mode, then displays the attribute values in the list to the user, and sets the attribute value, designated in the list, as the job attribute. The lights have covers to protect the lights from breaking and can protect the user or a bystander from the impact of the lights as well.

1459826915-feed49aa-1d65-40ed-ab63-747550eb350e

In a dynamic mechanical analysis, a test specimen is coupled to an excitation device by a holder device. An E-frame defining at least two compartments that are open on at least one side that extends between the front and back ends of the rack. The structure member is provided between the dielectric substrate and the conductive housing. A shunt may be connectable between the receive side and a reference potential.

1459826916-2aa4e11c-38d5-450e-84a5-a75135387841

Acidic milk based beverage products which do not precipitate over time and are physically stable, and a process for preparing these products, are disclosed. The circuitry includes an audio path and a pulse metering path, where the pulse metering path includes a metering generator to generate a digital sine wave from a plurality of stored values, a first interpolator to interpolate the digital sine wave, a filter to filter the interpolated digital sine wave, and a second interpolator to interpolate the filtered interpolated digital sine wave. If the controller judges that the stage does not reach the fourth position, the controller controls the movements of the stage and the arm, and the elevation of the elevating member so that the arm starts to move toward the second position before the end of the elevating operation.

1459826916-f3c571af-cc8b-4976-b624-8e114037d298

A new and distinct cultivar of Verbena plant named \u2018USBENAS18\u2019, characterized by its low and outwardly spreading plant habit; vigorous growth habit; numerous large light purple-colored flowers; and tolerance to Powdery Mildew. Features of the DC vacuum chamber tester are modified to include new op-amp circuitry that provides the ACDC testing functionality of the non-vacuum chamber systems, resulting in an ACDC probe system that can be used in a vacuum environment. The piston is received in an aperture defined by the cylinder. The camera of a mobile phone photographs the label at a close-up distance, with the lens of the camera regrouping the split image elements of all the color bars to reconstruct the product code that will be displayed on the screen of the mobile phone.

1459826917-1e6f685e-09f7-4cc2-94ee-72632d05de5c

The present invention is directed to a process for purifying siloxane. An external process on a client or server may initiate a plurality of connections with the multi-core system, such that some cores have a plurality of connections and others have none. According to the embodiments of the present invention, the DRM Agent acquires RO related information which is stored on the SRM and does not have Move rights, and interacts with the RI to move the RO out from the SRM, so as to move the RO without the Move rights out from the SRM, thus extending an application of the RO without the Move rights. Around of the beam splitter, total reflection mirrors are disposed in three directions per angle of 90 except for the direction

in which the fiber collimator is disposed. The displays described herein include displays having one or more 3D images and sample 3D viewers.

1459826917-310f14a1-77ab-4866-990a-92bcbcb25b7df

The present invention relates to novel metathesis catalysts with an imidazolidine-based ligand and to methods for making and using the same. The liquid contains an organic EL layer material. When a packet is received by a network switch, the network switch can compare fields in the packet to fields in the flow table entries and can take corresponding actions when matches are detected. \u03b3-HRG antagonists as well as uses therefor are also described. The second face is substantially perpendicular to the first face. The muffling device comprises a plurality of screens of different fineness of mesh, and a frame for holding the plurality of screens arranged in a progressively finer parallel spaced-apart relationship.

1459826917-3ea22754-0593-445a-aec7-8d33b307e0ac

A retention system for retaining a climbing skin to the tail end of a ski comprises an elongated resilient tensioning member secured to one end of the skin, a generally C-shaped clip adapted to removably hook about the tail end, and means on an upper portion of said clip for releasably retaining a portion of said tensioning member thereon. Each of the target gas electrode and the reference gas electrode is made up of a plurality of crystal grains defined by grain boundaries having a total length of 1000 m or more in a surface area of 100 m<sup>2</sup>. One of the jet engines has a lesser maximum thrust capability than the other jet engine as a result of limiting the former's maximum thrust capability, but the two jet engines are otherwise equally powered.

1459826917-e2767703-e317-454b-b011-3e1ede9bbfca1

A transponder assembly for use with fiber optic digital communication cables having multiple parallel optic fiber elements. The system operates by sending a stream of packets from the sender to the plurality of receivers, wherein the packets include information specifying a sampling window for the stream of packets. The agent shortcut operation can be activated by sending an agent shortcut operation to the electronic device, receiving an activation signal from an agent activation device for the agent shortcut operation, and in response to the received activation signal, sending a signal to the electronic device to activate the agent shortcut operation. In such a manner, repaired tissue which is capable of withstanding physiological pressures may be provided. in a cool-down chamber in less than 30 sec. Next, a column-shaped conductive layer is formed to fill the trench via a side wall layer.

1459826918-0ecc1b93-179c-41a2-add6-c8d12b8484af

A particle monitor in the process chamber of a semiconductor device manufacturing apparatus provides a measure of a flux of contaminant particles in the chamber. An ODT control system in accordance with one embodiment calibrates and maintains the termination resistances for the signal transmission lines. 00, and a thermoplastic resin having a functional group capable of forming a chemical bond with the inorganic fine particles at one or more polymer chain terminals and having a number average molecular weight of from 1,000 to 500,000.

1459826918-29c9a514-bdc6-45d9-a76f-8844cbd11663

A one-wire protocol is described, wherein a one-wire bus has either a wired-AND configuration or a wired-OR configuration. Each inductor circuit comprises a primary coil which carries a first current that varies with an RF input signal, and a secondary coil which carries a second current that varies with the RF input; an on-chip current source provides the second current. This antigen formulation is preferably lacking in an immunostimulating peptide component, or has sufficiently low levels of such a component that the desired CTL response is not diminished. A processor, coupled to the pulse generator, varies the second set of interpulse

intervals according to a predetermined protocol after each group of pacing pulses is delivered to the chamber of the heart.

1459826918-4d30fea6-ad1d-4950-9cf6-a154191fdb6f

A circuit arrangement which comprises at least two acceleration sensors for measuring an acceleration of at least one part of the hazardous device, at least one logic circuit for evaluating measured values of the at least two acceleration sensors, at least one memory for storing a comparison value, and at least one safety device controlled by an output of the logic circuit. To allow enhanced control over the output of the slave clocks, the frequency of the local oscillator used to generate the synthesized output of the master clock may also be conveyed to the slave clocks to allow a second level of control to take place. A synchronization signal to one or more control nodes causes the nodes to adjust to a predetermined setting.

1459826918-7f4cef50-d40f-4af3-8ee1-acbbba7a48eb

I describe and claim an improved digital-to-analog conversion device and method. Also, the EUV radiation does not significantly erode the nozzle and contaminate source optics. An engine includes a computer configured to determine a performance status of intake or exhaust valves of the engine responsive to monitoring an engine acceleration parameter such as crankshaft acceleration. The second part of the respective strap loop is connected with the first part on a level with an upper second connection device.

1459826918-c4e86f86-ffde-4b73-8004-245c5dda30ff

Electric wires are described consisting of a metallic wire able to conduct the electric current, the outer surface of which is coated in an alloy consisting of specific metals in set quantities. In the present invention, an ablated tag is capable of being combined with a tape so that the tag attached to the tape can be adhered to a packaged object. The first volume is a copy source or a copy destination of a volume pair. The writer module may write the data from each of the backup data sources in the group to a target storage device in order to concurrently backup each backup data source to the target storage device.

1459826919-0a85dc18-7c66-4061-81f2-bdbc333289b0

A control system for an internal combustion engine having a throttle valve disposed in an intake passage of the engine. The analysers have an electrode structure comprising coaxial inner and outer electrodes having inner and outer electrode surfaces respectively. This bonded magnet 13 is press-fitted in a housing 12 and is held. The system performs OCR on a first device. An anti-reflective hard mask layer left on the radiation-blocking layer provides functionality when the reticle is used in a semiconductor device manufacturing process.

1459826919-103c980d-51a3-4bd5-9749-47de78a11618

A radio access network facilitates transmission of a Multimedia BroadcastMulticast Service to plural user equipment units served by a radio base station. In doing this the melt surface position is kept at the same level by maintaining one of the output parameters of the inductor feed within a predetermined range. Using the loader template, a user can access the database with the spreadsheet program in order to add, edit or retrieve data from the database.

1459826919-e9032fd4-045e-4a46-8a49-7379afff6da8

A utility knife includes a housing and a blade carrier movably mounted to the housing. The type of the battery is determined using, a two-pronged fork and a pusher slider assembly which may actuate two switches using a spring leaf. The ticket identifies the user and is passed to an adapter. The system routes the incident reports to the appropriate groups, so that the groups may address the incident reports and resolve the problem. The remote unit comprises a receiver for receiving wireless transmissions of the activation signal from the transmitter of

the base unit. In the formula : a dopant concentration in the silicon melt is represented by C ; an average temperature gradient of the grown monocrystal is represented by Gave; a pulling-up speed is represented by V ; and a coefficient corresponding to a kind of the dopant is represented by A.

1459826920-127e5ec4-ce59-45a8-8fab-da2fbb7753e6

A method is disclosed for representing a sequence of images constituting a moving image by processing signals corresponding to the image. A smokeless pyrotechnic propelling charge is disposed within the launch tube below the solid pyrotechnic compositions, and separated therefrom. A controller may cause an interocular distance and a convergence angle between the left and right cameras to be set based on a maximum allowable disparity, the focal length of the lenses, and a convergence distance. The estimation is based on a segmentation of the one or more projection images. Switching by the transistor is stopped when an abnormality is detected.

1459826920-2453ee0c-ed54-4d28-97f5-5225c3f5c345

The invention provides an estimation of key flow-independent parameters characteristic of NO exchange in the lungs, namely: 1) the steady state alveolar concentration,  $C_{alv,ss}$ ; 2) the maximum flux of NO from the airways,  $J_{NO,max}$ ; and 3) the diffusing capacity of NO in the airways,  $D_{NO,air}$ . A longitudinal intermediate portion of the bag projects toward a vehicle occupant. The hub assembly also includes a stylet handle having a stylet extending therefrom. Attachment members extending from the central shelf unit allow the shelf to be mounted in either a horizontal or a forward sloping orientation.

1459826920-3875d997-453d-467e-83a0-5cf7a331a129

Methods, arrays and kits are provided for rapidly and efficiently identifying and quantifying multiple different activated transcription factors in a biological sample at the same time. A pair of LEDs is mounted on the circuit board. Outputs from the sensors can be used to reduce unwanted noise due to angular rotational rates, angular accelerations and linear accelerations that may be coupled to the GGI. Further still, the embodiment includes reading the mbean descriptor file after the populating, and determining, based on the reading, whether the user has an authority to perform the request. It is configured such that a part of the light scanned on the screen from the beam scanning means is provided to a photodetector element that converts the intensity of the light into an electric signal so as to correct a driving signal to be supplied to the self-emitting element by the intensity of the light detected by this photodetector element. A final stage step generator enables a gradual brightness transition to minimize, if not eliminate jitter and jump.

1459826920-cc2f404c-9682-4672-9fb7-f194f23f2f6b

The present invention relates to a simple and efficient process for the preparation of amorphous form of torsemide. The fuel vapor pressure management apparatus performs leak detection on a headspace of the fuel system, performs excess negative pressure relief of the headspace, performs excess positive pressure relief of the headspace, and performs a diagnostic on the purge valve. The transfer station is positioned in relation to the casting roll in such a way that the gelatin ribbon is sandwiched between the casting roll and the transfer station; elastic tackiness of a passing gelatin ribbon causes the rotation of the print roll.

1459826921-02ecbd53-0664-4186-b09e-f94c07004b8d

An organic light emitting diode display device having a frit which can improve mechanical strength and adhesion between the upper substrate and the lower substrate, and a method of fabricating the same are disclosed. The hydrogen-containing gas may be a H<sub>2</sub> gas. Under appropriate biasing conditions, when the antifuse is unprogrammed, the conduction channel is turned on unless a voltage above a first threshold voltage is applied to the gate to turn off the conduction channel. Each cradle comprises a pair of seat flanges upon which the magnets seat.

The oxidant and fuel supply systems may be fully distributed. A three-dimensionally extending microscopically small contact element is integrally one-piece connected to the contact area.

1459826921-49246778-02a1-4a6e-9198-9c86334cc1c9

A new and distinct cultivar of Acer named 'AF#1' is described. Convolution simulates for blurring; erosion and dilation correct for edge diffraction. The calibration modes include amplitude calibration, frequency calibration, and time delay calibration. This new and distinct variety has shown to be uniform and stable in the resulting generations from asexual propagation.

1459826921-bc249df8-f82e-4d2b-be77-d6c118e9cb89

A display for a computer system comprising a display screen and a support for supporting the display screen, the support comprising a base and a column attached to the base, the column being provided with a screen support part and with at least one connector to which a module of the computer system may be connected. The hand-held image display apparatus detects a marker from a real world image shot by at least one of the first imaging section and the second imaging section, and determines the relative positions of a virtual object and a pair of virtual cameras with respect to each other in a virtual space, based on the result of the detection. The characteristics may be compared to one or more references. A routines component may be configured to identify a current routine associated with the health data. A first plug filled vias is formed on a central region of the cap layer, which extends downwardly to permit a bottom portion of the first plug to communicate with the photonic crystal lattice.

1459826922-4050d569-452b-4bd8-8c9b-ed26ae7e6e09

A frame construction tool system, for wood frame buildings, or for metal, polymer, concrete, or composite frame buildings, and methods of using some or all of the tools of said tool system, are particularly well-adapted for roof and/or wall construction. Linear movement of the actuator causes rotation of the rotary cam relative to a bending cam. Switching circuits electrically connect the power supply to the memory circuits of the memory device. A transmission is disposed in the middle of a second oil passage for returning an oil discharged from the hydraulic motor to the hydraulic motor-driving device. In another embodiment, air is introduced transversely through cylinder into combustion chamber, and diesel fuel is injected into combustion chamber and ignited when compound piston assembly reaches the top of its stroke to drive down compound piston assembly and rotate drive shaft. At the end of the expert's evaluation of the image, the system sorts the findings in the database and presents the findings by prioritized categories.

1459826922-58a00260-d3ce-4587-abaa-fcdabe383693

Creep control is performed, in response to an accelerator-off operation, to control a second motor to cause a predetermined creep torque  $T_{cr}$  to be output from the second motor to a driveshaft. In a content supply system 100, in order to use a streaming server 102 to perform a live distribution, a user PC 106 to be used makes a reservation for a time zone, etc. The NSC keys are respectively associated with the plurality of nodes and are used for secure communication between the security controller and the respective nodes. An optimal path through candidate notes is identified by minimizing an overall cost function through the candidate notes relative to the input musical score.

1459826922-f03910dd-6ab4-4c16-a09e-1efbae107236

Techniques are described for carrier frequency offset and channel estimation of orthogonal frequency division multiplexing transmissions over multiple-input multiple-output frequency-selective fading channels. In one or more implementations, the method includes, in response to receiving a request to declare email bankruptcy of an email account, identifying emails based on one or more predetermined parameters and automatically moving the identified emails to a

predetermined location, and sending a notification to one or more senders associated with the identified emails. In some embodiments ground potential is applied to both terminals of the pair of terminals during the delay period. The polynucleotide may, for example, encode a G2M cyclin. Said base can be prepared with a further step, which is a subsequent or simultaneous fermentation of the resulting product from step.

1459826923-0d475d7d-cb48-4274-bb08-834fbe0657b0

The semiconductor integrated circuit includes a first transistor which flows a current from a high voltage source to a first node, a second transistor which flows a current from the first node to a low voltage source. Each of the magnetic tunnel junctions includes a reference layer, a storage layer, an insulating layer inserted between the reference and storage layers, constituting the tunnel barrier of the magnetic tunnel junction concerned. Further, the device and apparatus allows monitoring of the listed parameters in a non-destructive manner such that the blood sample under analysis can be returned to the patient. Each of the six lug bolts is further coupled rigidly and perpendicularly at the center of each of the two corresponding helical springs and secured on both ends at each side of the hollow disc structure. The outer rim is then heated so as to thermally expand it to receive the wheel center. Then, a second aqueous fluid is introduced into the well bore and substantially diverted from the portion of the subterranean formation penetrated with the first treatment fluid.

1459826923-62127058-884a-41ad-b9e9-dc16a81f92de

The present invention observes the status on the server side from the storage device side, and controls the processing priority in accordance with the server status. The system includes a translation lookaside buffer configured to store a number of entries, each entry having a size attribute, each entry referencing a corresponding page, and control logic configured to modify the size attribute of an existing entry in the translation lookaside buffer if a new page is contiguous with an existing page referenced by the existing entry. Peripheral devices in the computer system chassis couple to the bridge logic unit through the IEEE 1394 bus. First and second flange sections 20,22 extend from at least some of the first and second sections. When the data is transferred to the target, the bits are inverted during the transfer if the inversion flag is set.

1459826923-7fb1d2aa-0293-45a5-9eca-f6544877bf02

In some examples, a protocol accelerator extracts a queue identifier from an incoming packet, for identifying a first buffer queue in which the packet is to be stored for transport layer processing. An example device may include a transmitting unit, a dielectric waveguide, and a receiving unit. If both input signals are activated, a feedback circuit can activate a feedback signal after a predetermined delay, provided both output signals remain inactive. Multiple panels can be connected in this manner, with a relay between each successive pair of panels. A release liner is located on the adhesive to protect the adhesive prior to use. The stepping motor is constructed to form magnetic paths together with the number of magnetic turns of the excitation coils without increasing the size of the magnetic yokes, thereby enhancing operations and reliability.

1459826924-56b2554c-56cc-4808-92bc-a317f5a0f3e4

A system for transparent local and distributed memory management overcomes the requirement of keeping track of whether a memory space allocated to a new object or a new program or data structure can be reclaimed. It finds a typical application in networks whose terminals cannot listen to each other, which is the case in satellite networks, for example, whereas management implies sending a query message to the terminals in order to determine the presence of an active group of terminals as a function of the reception of a response message from a terminal of said group. The print head has a first side opposing to the paper path and a second side opposite to the first side. A universal vocoder is proposed that allows the

vocoding element to encode or decode data according to any desired vocoder format. By receiving an order directly with the requestor and building the order using a master questionnaire which includes questions and answers that may be incorporated into the sub-questionnaires, the association data may be obtained by requestors in a direct, efficient manner without the use of a third party service provider. In this case, the teaching provides for the routes and/or objects to be recorded to be surveyed repeatedly and for the positions to be determined with the aid of statistical methods using measured values obtained by the repeated surveying operation.

1459826924-bb08224a-ce31-4b84-87f7-5c6953ae05e2

An active matrix type display panel is a hold type display panel which has a plurality of pixels arranged in a matrix form, and holds and displays an electrical signal pixel by pixel for a predetermined time. When a vehicle starts moving or changes gears, the electric-motor drive control means drives both of the two electric motors in drive modes that require high responsiveness from an automatic clutch device and drives the two electric motors alternately in other drive modes that do not require high responsiveness. There is provided at least one MMIC extending from the input microstrip at the offset across the input connector axis and having an output on the other side of the axis.

1459826924-d3e5c941-68fb-435f-800c-074cf07dc591

A compressor system includes a compressor for supplying compressed air to a commercial vehicle that has an engine with a turbocharger. The fitting or a part connected thereto can be fastened to the base plate. A cylinder head with a predetermined port configuration has selected ports cast with protrusions. The CBCM or BCM may be positioned so that the observer, in a line of sight, may see a visual exterior view of an outside scene through the CBCM or BCM and the projected image in the CBCM or BCM. When the screws are fastened fully up to the allowable torque, the HDD is firmly attached to the upper wall.

1459826925-5e2bd289-89b6-412b-80ee-bd4474944fc6

A bicycle rear suspension system that includes a main frame and a rear wheel suspension system, the main frame generally is comprised of a seat tube, a down tube, a top tube, and a head tube. In some embodiments, the escape interval is adjusted to achieve and maintain a percentage of pacing. It is thereby possible to obtain an ion-generating device and an electrical apparatus, capable of efficiently emitting both of positive ions and negative ions to an outside of the device, and easily achieving reduction in size and thickness. Each satellite includes satellite circuitry and one or more effectors that interact with the tissue. Measurements can be made before the flow affects the measuring volume and after onset of the flow through the measuring volume. The bundled cable has a cable jacket and cable filaments.

1459826925-a106f216-a68f-41e1-b1a4-20f093903dff

The present disclosure provides a method for a catalyst-free growth mode of defect-free Gallium Arsenide -based nanoneedles on silicon substrates with a complementary metal-oxide-semiconductor -compatible growth temperature of around 400°C. Accordingly, the stop band of the desired bandwidth in the desired communications band can be formed and the size of the communications system can be reduced. The system comprises memory, another memory, and a processor. A slider is coupled to a free end of the load beam extension, and a gimbal coupled to the second end of the load beam and to the slider. For analysis of prostate samples, each of these reference Raman data sets may have an associated known prostate sample and an associated known disease state, metabolic state, clinical outcome, and/or disease progression. The position-shift amount is smaller than the branch width of the first or second sub electrode branch.

1459826925-ef4d15ee-ea0d-4db3-a253-33469f2ebe1f

The present teachings provide a device and method of making and using thereof. A solution containing the core material and shell material of the microcapsule is temporarily stored within a discharge tank to which is disposed the oscillating body of the droplet discharging device, and microcapsules are formed within the solution by oscillating the oscillating body at a high frequency  $f_1$  and levigating the core material. The client's state information may include, for example, the client's authentication credentials, the client's authorization characteristics, and a shared secret key that the server can use to encrypt and authenticate communication to and from the client. The second server is programmed to execute the steps of the method described above. A chamber is formed within the discharge tube to receive the gaseous solution at the upstream end and release the gaseous solution through the diffuser into the discharge tube towards the downstream end.

1459826926-0985bd16-063e-44ff-a2d8-19baf13a24d4

Methods and systems for performing mass spectrometry of analytes labeled with isobaric tags are provided herein. One or more second conductive layers may be formed on top of the first conductive layers, with the second conductive layer material filling the hole structure. Alternatively, the jacket is defined by a double walled sleeve surrounding the AD and defining the space for the heat transfer media. When checking for patterns in the activity or historical data, techniques may include inferencing, frequency checking, location and distance checking, and relationship checking, and any combination of these. The results of the filter are displayed on the screen.

1459826926-2b48f775-fa30-4ce5-a9d8-f6dd2b68bc5e

A leadless implantable device delivery apparatus that enables testing of an implantation site before permanent implantation and enables secure attachment at the site while minimizing effects of the implantation procedure. A wellbore servicing system, comprising a pump group comprising a plurality of plungers wherein at least some of the plurality of plungers are substantially configured according to an equal phase angle distribution arrangement. When the SMS-C receives a Mobile Terminated SMS message destined for the mobile device, the SMS-C stores the SMS message for delivery. First and second sets of a second rebar group have first ends extending into adjacent sheer walls, and second ends within the coupling beam.

1459826926-80b77558-bad4-4872-b012-0ee023f2c3b3

A bellows for an articulating vehicle has improved performance by using fewer discrete pieces of flexible material, and a multi-piece frame. The present invention relates to a multi-piece solid golf ball comprising a core composed of a center and at least one core outer layer formed on the center, and a cover covering the core, wherein the core outer layer is formed from a rubber composition which does not contain zinc salt of unsaturated carboxylic acid. A detector detects the load current flowing through the main transistor by measuring the voltage across the resistance. A processor is also contained in the vehicle which calculates a preferred path of travel of the vehicle to position the hitch pin in alignment with the hitch socket.

1459826926-dc034f9b-94fd-4b42-b3fa-c127ef4acd3d

Disclosed herein are a delay-locked loop circuit using a phase inversion locking algorithm and a method of controlling the same. The CDR system includes a sampling circuit that produces a recovered clockdata signal and an interleaving feedback network that provides feedback to the sampling circuit. The fluid separation chamber is adapted to be mounted to the rotor so as to be rotatable therewith, with the first port located at a greater radial distance from the axis than the second port, and the third port located radially intermediate the first port and the second port. By providing a carrier which is mobile within the wood, the timber has a self healing effect wherein the carrierpreservative migrates to any freshly cut or exposed surface of the wood to thereby redistribute and treat such a



surface within the preservative and hence maintain integrity of a treatment envelope surrounding the wood. None, one, or more than one of the various WT materials may be selected by the user, to allow either the primary UV radiation, or the transformed radiation, or both simultaneously, to be emitted from the apparatus in a preferred direction.

1459826927-3d0a6ba1-d61f-422c-aae2-74417ce2bf5a

An apparatus for multi-bitrate content streaming includes a receiving module configured to capture media content, a streamlet module configured to segment the media content and generate a plurality of streamlets, and an encoding module configured to generate a set of streamlets. On the basis of data of a torque profile, a first loading state of the axial joint is determined at the axial joint during at a first working cycle of the industrial robot. The absorbent assembly is folded laterally inward at both of its side edges to form laterally opposing side flaps.

1459826927-cd4df929-7dc3-42a8-90d6-19d9fa0ffbc1

A method of accurately detecting the value of a dot of sensed image data, said image data comprising an array of dots and said sensed image data comprising a sampling of said image data at a rate greater than the pitch frequency of said array of dots so as to produce an array of pixels, said method comprising the steps of:.. The package may include a leadframe having a first side and a second side opposite the first side. This antenna is particularly suitable for domestic wireless networks. An operator compares the two images and performs an entry operation for executing calibration if the amount of displacement between the two is significant. The antennas can be formed using methods such as injection molding, overmolding, or extrusion.

1459826927-ef43ed6a-fb25-4526-80a2-9657b66b55aa

A method of manufacturing a sensor is provided. The tool is made of a hard sintered substrate and has a hard coating layer deposited on a surface of the substrate. Where the transmitter scrambles the signal prior to transmission, the receiver will also scramble the signal after error correction and prior to counting the number of zeros or ones. The transmission power between the rates can be a fixed or variable difference. The resilient bias member acts as an electromagnetic gasket while urging the floating heatsink against the component.

1459826928-369a43ba-7fbe-4fb3-9029-c4cb2d47e093

A business card having a QRC image, and method and system for transferring business card information from a QRC to a mobile communication device is disclosed herein. The radiators project first, second and third sound vectors respectively, with the second sound vector oriented vertically and the first and third sound vectors directed generally toward each other at angles above the horizontal so as to intersect at an inclusive angle between 90 and 170 degrees. The manipulating member is configured to be operated in conjunction with the moving part to selectively turn on and off the switch and is provided with the remote control signal passing part to allow a signal from a remote controller to pass. The content processor requests and receives content from a selected content source. The second film of the second device structure is etched to define an under-cut space between the first and second films. A collecting point position forming optical system is configured such that the collecting point is moved in an inspection range  $Z_r$  in a height direction  $Z$ .

1459826928-67fbc8c0-73f1-4b86-a1ee-c193761fff621

A gearshift mechanism for a motorcycle or other sequentially geared vehicle having a solenoid assembly, a solenoid plunger, a switch apparatus and a linkage. The present invention allows the rate of flow of the liquid from the container to be predetermined and controlled economically and accurately. The bearing arrangement includes a first bearing ring fixed to a support arrangement in a torque-proof

manner and disposed coaxially with respect to the rotor axis, and a second bearing ring being rotatably, with respect to the rotor axis, supported on the first bearing ring and fixed to the rotor hub. The actuator stem can then be driven to open or close a valve in a controlled manner without first compressing or releasing the springs. A tongue is fixed to and extends from the fixed portion. These layers are successively stacked in bottom-to-top order.

1459826928-92aaf285-d9d6-4c44-a05a-828049956840

Methods and apparatuses are provided for an electrical device that employs a feedthrough including a hermetic seal that seals an interior region of the electrical device. The boom cradle slide system includes a boom cradle that holds a sprayer boom in a stowed position. The ammonia conversion system receives the ammonia solution from the ammonia absorption system, and converts it into gaseous ammonia, and then converts the gaseous ammonia to produce liquid ammonia by vaporization and cooling-pressurized liquefaction. The bracket arrangements are each formed by tongue-shaped brackets which seen in peripheral direction extend successively from both sides of the recess. Systems of the present invention allow multiple users to remotely access the information and model via a computer network, such as the Internet, in order to make informed decisions regarding the structure and its characteristics.

1459826928-fe425f86-f2c8-4e35-bcfb-18e818ac8a6f

A tunnel junction having reduced free layer coercivity for improved sensitivity. The twisted pair slots are provided with funnel-shaped entrances to assist in routing the twisted wire pairs from a rear end of the wire containment cap toward wire slots of the wire containment cap. The lower layer is a Ti compound layer, and the upper layer is an aluminum oxide layer. The output unit superimposes and outputs to the wire the pulse signal and the carrier wave. The collar may be removable and may also include a handle.

1459826929-6f2895b4-df2b-4a74-867e-2ad5174e8cb5

A method for reducing the transport delay in a computer image generator. The main body has an adapter at one end. The method prevents a film from being delaminated at an interfacial surface due to film stress or adhesion fault, after processes for forming the low dielectric layer and a low resistance metal wiring have been completed to achieve semiconductor devices operated at a high speed.

1459826929-779a3ac3-900b-41ba-8f58-f810ca58c15c

A data storage device mounting apparatus includes a drive bracket and a cover. The system comprises an AC power source from a power grid and a DC power source from an alternative energy source. Each of the oil inlet and outlet holes is formed with an enlarged receiving space for receiving a ball. A thin insulating layer is formed over the sourcedrain junctions. The invention also concerns the use of a CO<sub>2</sub>-rich gas stream for injection into marine formations, and the use of a H<sub>2</sub>-rich gas stream for hydrogenation, as a source of energyfuel in fuel cells or for production of electricity.

1459826929-9211a5fa-701f-485b-8ff8-db8d405c38e8

A system, apparatus, and method are disclosed that include generating a scannable physical gaming component associable with a game. The illumination section irradiates at least near infrared light onto a biological portion placed in contact with a housing surface. The semiconductor chip is fixed with its surface being mounted on the substrate and with its electrode being aligned within the elongate opening. The data includes a signal identifying the desired medications, nutritional supplements, nutrients and minerals to be ingested and a time at which they are to be ingested. The towable scraper system is provided with a carriage assembly that offers rolling support for the rigid chassis as it moves over the work surface.

1459826930-07fda808-e8bf-46a0-9500-4c27b2ac215e

Disclosed herein is a process for the preparation of fluorine-containing olefins comprising contacting a chlorofluoroalkene with hydrogen in the presence of a catalyst at a temperature sufficient to cause replacement of the chlorine substituents with hydrogen. In order to perform the light quantity adjustment, a voltage to be applied to the light emission portion of the optical sensor is obtained by performing calculation based on a relation between a voltage applied to the light emission portion before the adjustment and an output from the light reception portion before the adjustment. The ram block has at least one block groove. Also, the printing elements are partitioned into plural groups each including continuously arrayed printing elements, and the printing elements in each of the plural groups are time-divisionally driven based on drive sequences. The automatic adapting mechanism is power operated and electrically coupled to an internal power supply source of the vehicle.

1459826930-591f3e31-d316-4c36-a79a-d9d37787506d

The present invention is directed to novel thiazolopyridines, pharmaceutical compositions thereof, and the use thereof as inhibitors of ATP-protein kinase interactions. The image is provided from data describing at least one object. A plurality of holes is formed in the carrier board. According to certain aspects, a relocation cancellation message can be sent from an RNC to a mobile switching center if a new measurement report, such as a 3a report, is received by the RNC. In a decorative film comprising a substrate and an adhesive layer formed on one surface of the substrate, the substrate is formed from an ethylene-acrylic acid copolymer.

1459826930-bc708b1e-c3a8-4024-b08b-e30d2975a0eb

A new and distinct cultivar of *Argyranthemum* plant named \u2018Cotton Candy\u2019, particularly characterized by its mounded, decorative inflorescence type in which the ray florets become progressively shorter in length toward the center to produce a ruffled appearance and a mounded effect, light-pink inflorescence color, dense flowering on short stems, and compact growing habit. When the topological structure of the community changes, e. A device having multiple film-layers may take a non-adherent form during delivery to a target location within or on tissue, and thereafter may be exposed to moisture to take an adherent form on the tissue. Each spring is independently capable of closing the valve. The refrigerant tube extends through the first aperture. The gauge allows the on-site user to alternately record coating thickness measurement data and descriptive textual or graphical data relating to each coating thickness measurement.

1459826931-066e5b42-4678-463a-9769-12d0f4b4985b

It is an object of the present invention to provide a substituted propanamide derivative or a pharmacologically acceptable salt thereof that is useful as a prophylactic or therapeutic agent for a bone metabolic disease. The guide pad is divided into a central and two lateral sections. In addition, a longer time period is available for gripping, tensioning and transferring the sheet.

1459826931-d3acffdc-e52d-4659-9455-6f4809d8ac98

Methods for determining a concentration of an analyte in a sample, and the devices and systems used in conjunction with the same, are provided herein. Each toroidal speed change unit includes a pair of input and output disks rotatable about a common rotation axis, the input disks being axially spaced from each other, the output disks being disposed between the input disks and axially opposed to each other in a spaced relation, and a gear set drivingly connected with the output disks. Spin and Drift conditions are detected through presently generated yaw moments and critical yaw moments which can be generated by a road reaction force assumed to be maximized. The contents of the particular partition can be indirectly read by determining the contents of the particular partition based, at least in part, on an error correction code based, at least in part, on contents of memory partitions of the memory array. A weighted internal stop member is slidably

disposed within the first telescoping section for movement between a first position blocking the detent pin when the first telescoping section is below the second telescoping section and a second position not blocking the detent pin when the first telescoping section is above the second telescoping section.

1459826931-d475467f-0304-4ac4-9a83-d0096e6476e5

An economical integration of trench VDMOS devices into a conventional BCD process is provided, with the optimization of key aspects of the device layout for low Rds area. Message details are stored and a tracker record published in a common format. The processor is further configured to execute computer executable instructions to extract the location identifier from the tone, and transmit, via the network interface, a signal that includes at least a portion of the location identifier. Additionally, the blade bias voltage is decreased for a period of time corresponding to the first turn of the developing roller and increased for a period of time corresponding to the second or more turns thereof. The first portion of the power grid is characterized by intrinsic capacitance that is larger than the intrinsic capacitance of the second portion of the power grid.

1459826931-ea309f4e-49b8-4f5d-8ae6-6ee0b057bf84

A wireless network includes transmission power and data rate adaptation based upon signal quality experienced by the user. The automated mover is preloaded selectively released to automatically reconstitute the medicament at a controlled rate. The owner of the user profile also may specify whether a particular term is always moved, never moved, or moved only when the user is alerted that the term is selected and the owner chooses to move the term.

1459826931-f73bef45-9756-4476-8392-d40fd0feb144

An improved method of attaching paper and cloth pennants and flags to automobile antennae, ropes, and the like is presented. Further, at least a part of the microactuator includes an electrically conductive region, and the ground region of the suspension is electrically connected to the slider by the electrically conductive region of the microactuator, such that the slider is grounded so as to prevent an electrostatic breakdown of the electromagnetic transducer element or the optical module. It can be conducted in a fluidized bed, which includes nanoporous particles and a fluidizing medium, wherein the nanoporous particles have a density lower than that of the fluidizing medium. The GFCI circuit is configured to detect a ground fault condition. The method further includes comparing the user fingerprint with the select server fingerprints to select a server fingerprint for recommendation, and generating a recommendation of a public entity corresponding to the server fingerprint for recommendation. The magnet ring includes two annular magnet rings composed of the same axial polarity separated by a non-magnetic spacing of at least the axial length of one magnet and associated poles.

1459826932-253bd9c6-13a2-4e91-9672-d02c3b75ebc7

An oral cleaning device includes a reservoir with a pump attached to the reservoir, the operation of the pump increases pressure within the reservoir such that liquid contained in the reservoir becomes pressurized. A pixel path through the captured print image frame is traversed. Real-time data points are stamped with the times at which their data were collected. The latch means is carried on the base for latching the cover onto the base.

1459826932-666b9fa3-242f-42b2-aaaa-27bd18b72ee1

Embodiments are described including those for controlling peak current consumption of a multi-chip memory package during power-up. The circuit breaker contains an electronic module which is configured to record and transmit data associated with the circuit using wireless technology. The carrier is transported by means of a driven roller positioner into the process chamber or out of the process chamber along a transport route defined by the movement. The adapter has a latching member that includes an exposed surface.

1459826932-6f307b0a-7346-421d-b345-17b0ee12a97f

The present invention relates to eukaryotic host cells which have been modified to produce sialylated glycoproteins by the heterologous expression of a set of glycosyltransferases, including sialyltransferase and/or trans-sialidase, to become host-strains for the production of mammalian, e. The invention also provides a medication management system and a medication dispensing system based on the pillbox. The ladder extender offsets the ladder from the shingles of a roof when gutters are not present. Since the metal island pattern has the same thickness as the gate line, the passivation layer can have the same height both in a drain region and in a storage region. 0.2 to 2% by weight, based on the weight of the diisocyanate starting material, of at least one trimerization catalyst containing a quarternary amine component and then removing excess diisocyanate from the reaction medium.

1459826933-3c320172-ab4b-4693-a915-12f6c76f852c

Provided herein are compounds of the formula :as well as pharmaceutically acceptable salts thereof, wherein the substituents are as those disclosed in the specification. The slow recovery stretch laminate may be joined to one or more article elements selected from the group consisting of the topsheet, the backsheet, the core, an anal cuff, an elasticized topsheet, a fastening system, a leg cuff, a waist elastic feature, a side panel, an ear, and combinations thereof. The second winding includes a second plurality of winding components, wherein each of the second plurality of winding components is on a corresponding layer of a second set of layers of the supporting substrate and the first and second sets of layers are interleaved. As a result, Schottky barrier height suitable for the nMOSFET and the pMODFET can be obtained, thus being capable of realizing high-speed CMOSFETs. In a specific embodiment, the structured material has an optical absorption coefficient of at least  $10^3 \text{ cm}^{-1}$  for light comprised of wavelengths within the range of about 400 nm to about 700 nm.

1459826933-73669146-9698-43a8-8542-0fecd33dcc1f

Partial oxidation steam reformers which use heat integrated steam cycles and steam to carbon ratios of at least about 4:1 to enable efficient operation at high pressures suitable for hydrogen purification unit operation such as membrane separation and pressure swing adsorption. Single electron imaging is used as a component of the 4D UEM technique to provide high spatial and temporal resolution unavailable using conventional techniques. The positioner is operably coupled to the charge roller and includes a discrete step drive configured to maintain a minimum spacing between the charge roller and the seam region of the outer surface when the seam region passes underneath the charge roller. A sample frequency is also octave and harmonically related to all frequencies in the sum.

1459826933-a2bb10d1-ded6-4bf6-bab1-7d294362f0d8

A connector includes a connector protrusion to be inserted into a connector socket and including a locking lever provided on a first surface and a connecting terminal provided on a second surface opposing the first surface or on a front surface; and a connector frame surrounding the connector protrusion and having an opening in a surface opposing the first surface of the connector protrusion. The battery charging circuit sets termination current, however, according to the capacity of the battery under charge, regardless of the properties of the charging source. The separating elements are part of a set that is provided with at least two separating elements  $T_i$  encompassing different stationary phases  $S_i$ . At the same time a scratch protection layer may be formed over regions not overlying optical sensors. The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders.

1459826934-0587a0db-00ea-4048-aef6-fd16288ecb97

Embodiments for moving object detection in an image are disclosed. As soon as the circuit by way of first switches is separated from the global power supply path, because of the voltage loss in the transistor diodes it is supplied by the rest state power supply path which is provided exclusively to supply circuit parts set into rest state and on which therefore fewer current or voltage peaks can occur. Once the thread is chosen, be it the current thread, the most favored thread, or the affinity thread, the chosen thread is removed from a run queue and then is run on the data processing system on a selected processor. One or more conditions are detected with the location aware sensors and it is determined whether to manipulate at least one of the one or more cooling system components to modify a characteristic of cooling fluid contained in the plenum based upon the detected one or more conditions.

1459826934-05ea304c-f70c-426c-823e-7c68c0b5338d

The holding device of the endoscope allows suspension of the tissue while it is held and fixed securely. The system provides a user of an exercise machine with a virtual competition in which the user competes against virtual competitors based on his past performances or those of other users, either as an individual or as a member of a team. Additional uninterrupted surfaces are separated by the ribs and create softer hand impact zones.

1459826934-3494ce19-2d4d-4336-ad9f-b01c6d19169b

An electronic expansion valve includes a drive component including a screw rod which reciprocates axially and a nut which cooperates with the screw rod by screw threads, and a lower end of the screw rod forms the valve needle component. In one exemplary embodiment the device comprises a frame with a grip portion, and a waste receptacle with an open end for receiving a waste material deposit. An objective lens images the scene onto the SLM and the modulated image is mapped back to the original scene via an eyepiece. Inclining the cylinder lowers the center of gravity of the engine and disposes the axle positioned below the cylinder at a high position, thereby reducing the height of the engine generator. The logic device also locks the gun when the gun user is intoxicated or acting in an irrational manner. Suitable flap closing means close the end flaps and upper and lower flaps after the mandrel is withdrawn from the carton.

1459826934-95916f24-794b-4f66-a69f-8e5881590423

There is disclosed a radiation stable shield for use in space or high altitude applications. The system includes a first head configured as a bar shape that extends approximately a diameter of the substrate. The invention further provides an industrial process for obtaining tomato pulp and tomato concentrate from tomato juice.

1459826935-43618e7a-b999-43cd-a62b-6246243ef6de

The present invention relates to a method for fabricating a functional dental element, such as a crown. An inlet valve is provided adjacent the first end for permitting entry of liquid product into the passage. An evaporator is in thermal communication with at least one of the computer components, and vaporizes a coolant to cool that component. The interconnect structure is completed by first removing the masking material and sacrificial substrate. The mixture containing glycerol and consisting of a mixture of glycerol, ethanoic acid and water.

1459826935-892a0aa0-2090-415b-a173-0f68462d189e

Provided is a semiconductor integrated circuit according to an exemplary aspect of the present invention including first and second transmitter-receivers that execute transmission and reception of data through a signal line. A biasing device such as a torsion spring acts on a locking arm so as to pivot the locking arm such that it engages a slot on the pawl. The material and thickness of the walls define a specific heat capacity with regard to the geometric unit area. The latch members are generally semi-cylindrical in shape and include flat truncated semi-circular

upper and lower surfaces.

1459826935-c0033524-c0b2-48b1-81b3-55723186aeeb

Embodiments of the present invention relate to a flexible fluid enclosure interface system comprising a flexible fluid enclosure, one or more components and one or more strain absorbing interfaces in contact with the flexible fluid enclosure and the one or more components. The pulsating voltage is input to a switching circuit, and an AC voltage having a pulse width corresponding to a control signal is output. The invention further relates to methods for producing a corn plant containing in its genetic material one or more transgenes and to the transgenic plants produced by that method and to methods for producing other inbred corn varieties derived from the inbred LH311. The network node determines, for the first user equipment, that the alternative base sequence should replace the default base sequence.

1459826935-cd00d86e-210b-464c-ae8c-bc47e5a40f2e

A wagering game system and its operations are described herein. In use, the fastener cartridge can be positioned in a first jaw of a surgical fastening device, wherein the first jaw can be positioned opposite a second jaw, or anvil. A portion of nonvolatile memory, when meeting certain criteria determined from the data, may be proactively refreshed during a downtime when the nonvolatile memory is not otherwise being accessed.

1459826935-f7836aed-3548-4e65-906f-32b58e2c8515

Improved carrier recovery, symbol timing, and carrier phase tracking systems and methods suitable for use in connection with a dual-mode QAMVSB receiver system are disclosed. A processor resolves conditional branches and avoids repetitive resteeering by delaying branch resolution. The call center then extends the incoming call from the switching system to the terminal.

1459826936-2e8686d3-0c7e-485b-9d06-e2df1eb02c3b

An apparatus analyzes components of particulate materials suspended in air. The apparatus comprising a link member which is adapted to be pivotally mounted on the jockey wheel assembly adjacent the axle and a lever assembly removably securable to said link and adapted to engage a peripheral surface of said wheel, whereby movement of said lever rotates said wheel. By analyzing the anchor text of the references to the document, the system is capable of determining if a document is relevant to the set of facts. A plurality of LEDs and a current limiter are coupled in series. The electromagnetic wave shielding member according to the present invention comprises: a transparent film substrate; and a mesh consisting of a metal foil provided on the surface of the substrate through an adhesive, the adhesive comprising a styrene-maleic acid copolymer-modified polyesterpolyurethane and an aliphatic polyisocyanate.

1459826936-b285927a-b78e-4a37-a241-9e122dcf1ebe

A hermetically sealed housing having a base deck, a cover member and a seal assembly constructed of a liquid crystal material, the base deck and cover member forming an enclosure containing an inert gas atmosphere. In addition, the invention describes methods of preventing and treating protein kinase-related abnormal conditions in organisms with a compound identified by the invention. A third chamber is disposed adjacent the first chamber, relative to the diaphragm, and is in fluid communication with an exit passage. When the screw rod is turned clockwise, it brings the cam sleeve to rotate at the same time while moves in the cam-shaped bore to mesh with the screw threads in the bore, causing the cam sleeve to axially move along the screw rod and finely shifts the adjustable jaw relative to the fixed jaw.

1459826936-ec94e7ea-a405-4296-bb5a-3dd72bdc117b

An Internet based system for executing transactions is described. Applying multi-phase control signals to voltage boost internal nodes allows for eliminating

threshold voltage drop losses and thus improves the voltage pumping gain compared to circuits with diode-configured FETs of prior art. The first harmonic phase tuning filter includes an LC circuit coupled between an output terminal of the first harmonic phase tuning filter and a ground and tuned to provide the low impedance at approximately the harmonic frequency generated by the RF switch. The coolant then traverses and cools a manifold extension and a turbocharger.

1459826937-1fbd670e-c196-4248-ab0c-f8bbde2cf486

A notch 30 is provided at partitions 16, 26 and side walls 14, 24 to support slidably a coupling member 50 from a slide start to a slide end of the notch 30, said partitions and side walls partitioning terminal receiving chambers 18, 28. Similarly, the second attachment strap for attaching to the bottle has a redundant set of latches to ensure that the bottle is held thereby. opioid dependency comprising microparticles of a pharmacologically-effective amount of buprenorphine, or a pharmaceutically-acceptable salt thereof, in associative admixture with particles comprising a weak acid, or particles comprising weakly-acidic buffer forming materials.

1459826937-9e1f6b19-067d-4b04-a5d8-b7ead07ec5bc

A television receiver receives a programming signal including programming content and EPG data. The antennal element 1 has a ground part 3 and a radiating element 2. A mat support material is wrapped about the periphery of the catalyst substrates to form a subassembly.

1459826937-b4f9f4dc-eb2b-4e8e-aaf9-549942882fc2

Methods and systems are provided for geometry-based virtual memory management. The at least one input multiplexer can receive a plurality of analog input signals and output at least one multiplexed analog input signal. Voice traffic is detected and the trunked pager determines whether the voice traffic is for a communication group that includes the trunked pager.

1459826937-dc31e126-d6ee-49ed-8adf-8b878ad9f5fc

A distinct cultivar of Mandevilla plant named Monrey, characterized by its vining growth habit; glossy, dark green leaves; and large double pink-colored flowers with 20 petals per flower. The film insulating area is applied to the support element so that the area of the film matching the shape of the recess is congruent with the shape of the recess. With the outputs from the terminals Q of the flip-flop circuits thus fixed, an operation of a shift mode is carried out. The high voltage electrode plate is provided with a plurality of spacers for allowing a gap of a substantially equal height to be formed between every area of the high voltage electrode plate and the insulating sleeve so as to uniformly distribute the corona on the high voltage electrode plate when electricity conducts therethrough. When the pumpmotor is placed within the seat, the console terminals are connected to contacts on the module to provide a source of direct voltage for the pump motor. The device includes an active medium, a resonator for confining the light having a first wavelength emitted from the active medium within a three-dimensional space and a wavelength conversion medium for converting the wavelength of the light having the first wavelength into a second wavelength.

1459826937-ed29742a-5781-4259-b1eb-a238edabb529

A caster assembly is provided which may include an attachment means for attaching the caster assembly to a base of an object, a caster yoke, and a cam assembly operable in at least three states. This semiconductor device is provided with an IC chip and a wiring layer having one side that is electrically connected to surface electrodes of the IC chip. The switch comprises an isolation block connected to the connection terminal, the connection node, and the driving central circuit node and including a voltage limiter block, a diode block and a control transistor.

1459826937-f2af59f7-aa95-401c-8742-71c3ac1ec99b



The invention pertains to a safety cabinet with a workspace that is surrounded by a housing and is accessible on the front side of the housing through a work opening that can be closed with an adjustable front window. The upper portion defines an upper hood having an open position and a closed position. First polysilicon lines disposed against the insulating sidewalls extend from below the top of the openings to the gate oxide layer. The invention also makes it possible to obtain a coloration which, under certain conditions, does not stain. At least a portion of the spherical outer surface is made from a material that changes from at least one of the first shape, first diameter, and first hardness upon being immersed in water continuously for a time period less than one hundred eighty days so that the golf ball has a second performance characteristic that is different than the first performance characteristic. Each CP is mapped to a corresponding TEP that distributes each CNM for the CP, wherein the corresponding VTEP forwards the CNM to a VM contributing to packet congestion at the CP.

1459826938-0c293596-2bce-4eea-a1c7-37524f9eb5d9

The invention provides a system and method for calculating a backlight level for an image being displayed on an electronic device. The apparatus avoids deposition on windows or other microwave transmission elements that couple microwave energy to deposition species. According to the invention, the separating plane between the partial rails runs in an obliquely inclined manner. Partial 3D image data records are generated and formed into a set of projection image data records. The target network agent uses the received information to announce itself as the device to the target network.

1459826938-0d9e50d6-9f47-4d2d-950f-e33b6921fa6f

Methods, systems, and articles of manufacture for scalable processing of collections of files are disclosed. The stator includes a stator core and coils winding on the stator core. The rigid portion of the device is inserted therein.

1459826938-239d951e-a549-4759-8988-1d240494e6ef

A trimmer attachment for mower deck having a servo connectable to a lawn mower deck. The resolution test method is adapted for testing a resolution of a camera device. The second contact returns RF energy to the control box to signal that the bolt is in its extended or locked position. This process for preparing salicylamide intermediates from salicylic acid or derivative thereof generally has a cycle time of about 2 days, and yields about 95% of a 99% pure material. The read circuit pole is separated from the feedback pole in frequency.

1459826938-6aa8bb26-ff32-40a5-b9dd-4159b07b6f1f

A method for manufacturing a vertical light emitting diode of the invention allows an easier process of individually separating chips. The first multi-layer via extends through the second dielectric layer, the first cover pad, and the first dielectric layer to the first contact pad. It is possible to generate a stable and uniform glow discharge under the atmospheric pressure at low cost by applying a considerably low voltage between said electrodes. Each composite is disposed between and contacting two conductive layers in a multi-layer fashion.

1459826938-7a512d6a-abc7-4b0b-9322-35909a752f71

The invention provides a DNA molecule comprising a promoter sequence operably linked to a DNA sequence encoding first and second proteins linked by a hinge region wherein in that the promoter sequence can be one having activity which is induced in response to a change in the surrounding environment and the first protein can be Tetanus toxin C fragment or one or more epitopes thereof. A transformer circuit may be coupled to the fuel pump for increasing the driving speed of the fuel pump when required. Additionally, the system further comprises at least one extra surface parallel to the second lens surface, wherein at least one extra surface has a length L and is parallel to each other.

1459826938-8dac1cf6-ae0a-47fe-be3b-16e19de8722d

A vision display system for a vehicle includes a plurality of cameras having exterior fields of view, a first display screen disposed in an interior rearview mirror assembly of the vehicle, and a second display screen disposed at or in a console or instrument panel of the vehicle. The packet-switched communications device has a corresponding unique identifier, such as an address or extension. Login credit accumulates with time. The photon receiver determines a reflection time of the photon and further determines an arrival position of the photon on the photon receiver. 0 mgm3 at standard temperature and pressure.

1459826939-0ce24d60-e767-4afd-8bdb-35b786ad2c45

A point card system according to the present invention includes a customer ID recording area 20, a service point recording area 24, an information recording area 22, and a browse flag recording area 23. 3V technology using a nominal power supply of 2. A first distance is defined between the radially inner surface of the ledge and the radially outer surface of the hub. The present invention is applicable to communication systems. Both applications of the acoustic impedance matching enclosure are to insure that the drivers' diaphragm is clear of disruptive internal standing waves, properly loaded at all frequencies and not easily affected by room reflections.

1459826939-23716262-164c-4eba-a2d1-00d7f2aa62e2

A shift registers circuit having a series of cascading shift registers comprises a first transistor coupling to an output signal of a pre-stage shift register, a second transistor coupling to the first transistor, an output and a first clock signal, and a pull-down module coupling to the output, output signals of pre-stage and post-stage shift register, a second and a third voltage level. An identity authentication method includes the following steps: generating the dynamic display character sets; inputting a dynamic input code; and comparing the dynamic input code with the user password. According to another aspect, a catalyst and an oxidizer are fed into a wastewater stream at first and second predetermined points of addition. A visual cortex thought detector also coupled to the wearable computing device obtains information regarding the wearer's thoughts and manipulates a display on the display screen based on the obtained information.

1459826939-6895b7a3-e48e-49e5-8a7d-e8af959bbdff

An improved corrosion measurement system for determining the rate of corrosion of a fluid medium. The robotic arm includes a sensor to sense when a disc is in a position to be held in a picker on the arm. The tubular sleeve is held in place by a mechanical fastener and a pipe liner is installed or otherwise placed through the tubular sleeve and against the wall of the pipe. The scanning module is installed inside the main body for scanning the image of an object placed on the flat glass platform of the scanner.

1459826940-063db0e4-390b-40a3-8f42-f16d551e255e

A resorbable extracellular matrix for reconstruction of cartilage tissue includes a purified collagen II derived from natural cartilage tissue from which non-collagen proteins have been removed. The operating element can also be moved on an plane that is orthogonal relative to said axis in order to control the movement of a cursor that can be shown on a display in any given direction. Secondary media channel is automatically established upon an affirmative match made between parameters contained within database and characteristics associated with the primary media channel selection. Following partial hydrodeoxygenation, the partially hydrodeoxygenated product can be reacted in a hydroprocessing step to form a bio-fuel. Access to the laundry contained within the invention is easily achieved by lifting a side or sides of the circumferential skirt and laying it or them on top of the cover sheet, after which the laundry may be laced within the skirt of removed therefrom and the skirt may be let down again. The first and second knife are adjusted to a first and second height by adjusting the first and

second adjusting screws, wherein the second height is greater than the first height.

1459826940-06a9921b-06c0-4077-9bfc-09ab0ae79a70

A hardware overvoltage disconnecting circuit wherein a DC power supply module is disconnected from a power network when the AC power network is in the state of overvoltage. Most preferably, the pigment is provided as a homogenous dispersion in a transparent color-matching layer positioned adjacent to the film layer. An optimum alignment between these sequences is then determined using a dynamic programming alignment technique. The power compensation device is controlled to deliver, for a second period of time following the first period of time, reactive power to the utility power network at a level that is a factor N greater than the steady-state power delivery characteristic of the power compensation device. The upper portion includes an upper u-section which is used to slip the gutter clip over the gutter. Because the bandwidth reduction may be transitory, the RTBM constantly monitors the end-to-end available bandwidth so as to invoke the CODECframe per packet combination that provides the best quality of service achievable over the current end-to-end available bandwidth.

1459826940-35977aab-cb9b-432d-a420-5de77363025e

A shock absorber for a vehicle suspension includes a pneumatic actuator that is fluidly connected to a compressed air source in the vehicle suspension, such as a suspension air bag. A message detection element 410 detects at least a first message and a second message in the data received by the transceiver 405. Neighboring sections are non-collinear and at least one of the sections is parallel to a rotational axis. The monitor detector output is demodulated at said higher harmonic  $Nf_0$ , and the modulation of the light source is predistorted at said higher harmonic  $Nf_0$  in dependence on said demodulated monitor detector output. The latch includes a mount 6 having a projecting lug 7 and a slidable bolt 8. The flexible mounting between the rear portion of the inner bypass duct wall and the core case allows hot engine areas of the core case to thermally grow and contract relative to the inner bypass duct wall without imposing additional loads on the inner bypass duct wall.

1459826940-9aed4ccd-eb3a-46a3-b529-638978f1f5bb

A system facilitates communication between a control component and a plurality of processing components. The Inverted-F Antenna includes a first arm and a substantially parallel second arm connected by a conductive bridge. Another preferred embodiment of the invention is a suspension system for a vehicle including a biasing device and the above-described shaft.

1459826941-25533ca4-fa1a-4c43-915e-6415d1e05700

Coated substrates containing a barrier layer comprising hydrogenated silicon oxycarbide having a density of at least 1. At least the intensities directly emitted from laser light sources, or values of optical modulation data for modulating the laser beams corresponding to the image data are varied. Optical alignment and realignment are accomplished following the soldering and/or hermetically sealing of the entire package. The collection part is configured to collect the mist generated by ejecting the liquid by separating the mist from air suctioned by the suction section. A master node dispatches a seed value to initialize the random number sequence generation on all segments, and dispatches the query slice information and information as to the number of segments during a normal query plan dispatch process. The invention also relates to methods for placing such a closure into a liquid container and removing thereof from a liquid container.

1459826941-6c353d10-0fc9-432f-a148-2d4d43663a54

A hand-operable device of mounting an anchoring pin and inserting the pin into the ground includes a hand-graspable elongate handle having an upper under and a lower

end and a magnetic puck assembly fixed to the handle lower end for picking up an anchoring pin and maintaining in an insertion position until the pin is inserted into the ground. The data queue operates on first-in-first-out principals, and has a variable width input and output. When a threaded bolt is inserted through a bracket attachment bore located on the TPMS and into the threaded bore on the vertical section, the TPMS is secured to the first end of the TPMS wheel mounting bracket.

1459826942-08a142be-7a44-4fd2-bad2-77e484d08a79

During contactless transmission of energy between a receiver for receiving the energy and a transmitter for transmitting the energy for the purpose of charging a battery of a motor vehicle, a temperature is measured in a region between the transmitter and the receiver. Such media can include hole-punched paper, transparencies with non-imaging stripes, or paper that will be hole punched at a later time. The substrate is floated on a thin layer of air over the upper base plate. This also reduces performance degradation which may be caused by being one pulse behind a laser measurement and the resultant laser control signal being applied. A tangible machine-readable medium and a graphical user interface providing same are also provided herewith. The apparatus includes a media server directory module which stores and manages meta data of the media content comprised in all media servers existing under the home network environment and stores and manages connection information regarding the media servers.

1459826942-70dee24c-8a21-4b5e-a0be-9d16a9d67e44

At least one set of values of parameters is determined, each set of values defining a respective troposphere model. The lubricating oil for a compression type refrigerator of the present invention has high miscibility and high viscosity index, and excellent in wear resistance and storage stability under carbon dioxide atmosphere. The compositions provided contain one or more mucoadhesive proteins and an agent to be delivered. The socket connector comprises a connecting tube, an outer collar and a latching device. When a matching fingerprint is located, prediction data is used that is associated with a matching fingerprint for the web page. The unit includes at least one coil structure configured to allow various degrees of translational and rotational freedom of movement of the power-receiving device relative thereto.

1459826942-96281895-78cb-48c2-9977-673bd2c08f47

A system detects a transaction outcome by obtaining video data associated with a transaction area and by obtaining transaction data concerning at least one transaction that occurs at the transaction area. The skin material comprises an air-permeable sheet and an adhesive layer formed on the back side of the sheet by applying a melt of a hot-melt adhesive in such a manner as to form scattering dots of the melt or to leave scattering uncoated dot areas and hardening the melt. In accordance with the present invention, each of the first and second flow circuits comprises a plurality of concentric annular ducts that are interconnected.

1459826943-0ebc2f5a-d8e1-4473-960b-8955d75c5c9b

Provided are a method, system, and article of manufacture for updating metadata in a logical volume associated with a storage controller. Since a polyimide copper clad laminate is not used during the fabrication of the rigid flexible PCB, an increase in cost resulting from use of the polyimide copper clad laminate and poor reliability of adhesion at an interface between different materials are avoided. In the following formulae Y1 to Y4 and Y6 are each alkylene, A2, A3, A41, A42, A51, A52 and A6 are each a cyclic group, Z2 to Z4 and Z6 are each a bonding group, P4 and P6 are each an integer of from 0 to 3, R2, R31 and R32 are each hydrogen, halogen or alkyl, and Q1 and Q2 are each a polymerizable group.

1459826943-2ce6d83f-a7e8-4ae4-b7d9-d43c206c7d4a

A system 100 includes a content management system 221 having a material

identification and business rules for content including targets and a work flow system 220 in communication with the content management system and receiving the material identification and targets. Characteristics are obtained from the signal. Also provided are compounds and processes useful for making the dihydroisoxazole compounds. An image can be displayed that is a function of the corrected number of pulse counts for pixels of the system. The mobile stations of today with their simplex filters can perform only one thing at a time, i. The port is allocated to the userprogram until the userprocess is complete, and other requests for access to the port are ignored until final completion of the ongoing process, even when a temporary disconnect of the port occurs.

1459826943-36b45560-284a-4840-9328-737375262081

A composition for the formation of an electric field programmable film, the composition comprising a matrix precursor composition or a dielectric matrix material, wherein the dielectric matrix material comprises an organic polymer and/or an inorganic oxide; and an electron donor and an electron acceptor of a type and in an amount effective to provide electric field programming. The invention also pertains to methods of treatment for various autoimmune diseases, transplant rejection, inflammatory disorders and infectious diseases by administering humanized anti-B7-2 and/or anti-B7-1 antibodies. The method renders rendering the repackaged document at the client as it arrives until complete, and in parallel with the rendering step, schedules execution of the scripts by the client to validate corresponding data elements no sooner than the step of rendering. The sheath distal end may be pre-shaped to bend when slid distal to the probe. The state server returns an operation code and an identifier identifying any selected voice message.

1459826943-65c3453c-ebcb-46a3-82d6-072fab5d443f

Disclosed are methods for forming a thin film resistor and terminal bond pad simultaneously. The sled vastly increases the total volume of grass, leaves, and other lawn residue that can be picked up and transported to a disposal site. The method involving obtaining a name-based lock on a filename. The fastening means include at least one clamp movable between an idle position permitting engagement of the top attachment end by the circular top plate or removal of the circular top plate from the top attachment end of the supporting shaft, and a work position to grip the circular top plate between the radial projection and the clamp.

1459826943-7f1f9ca0-3fcf-4068-ad31-94ac7f5b1671

A cardiac rhythm management device is configured to detect mechanical oscillations in cardiac rhythm. The device is configured for receiving an event, providing the event to the event selector, and providing the identifier to the event type recognizer. A baffle-plate is disposed within a portion of the stack so as to form a chamber boundary and thereby to define a circuitous fluid flow path between the chambers through the at least one passageway.

1459826943-bf231f86-63d5-445c-a2c2-54bc7fabcb244

A light irradiation control system for a vehicle lamp includes a control unit configured to provide control signals for controlling light irradiation of the vehicle lamp based on detection signals detected by sensors. The silicide substrate has two doping areas. In another preferred embodiment, recording devices are required to embed a registration code in copies, thus aiding in tracing illegal copies. The second signal portion is applied to a component, and a component output signal portion is received from the component.

1459826943-f38fa28b-c587-401e-840e-fb06001e5d00

An antenna coupled to a wireless communication device that is comprised of a series of conductive elements that form a conductor when placed under a force. An operation is possible wherein low-temperature water, let out from a lower part of the hot water storage tank and entering the circulating path, is heated and boiled

up by a heat pump heating source for forwarding to an upper part of the hot water storage tank. Suitable microorganisms can be from any one of the genus of Stemphylium, Gliocladium, Bacillus, Botrytis, Cyathus, Rhizopus, Pycnidiosphora, Pseudomonas, Helicostylum, Mucor, Gelasinospora, Rhodotorula, Candida, Mycobacterium, and Penicillium. A tie replacement crew can use a GPS monitor to locate each tie that requires replacement, and the crew can remove those ties and install a nearby replacement tie. The multi-coil unit has a winding structure in which the coil wires are wound a plurality of times to be stacked in a magnetic flux direction to form a plurality of tires.

1459826944-9ac8f89f-c5df-488c-86b5-462be343e4d7

A method of using a residential fire protection sprinkler. The shape of the socket is designed for applying desired forces to a tooth through the wire when the bracket is attached to the tooth. The results of the secondary search are then used to rerank the results of the primary search before the client displays the results of the search to the user. In the spectroscopic ellipsometer, with this construction, the polarization state of the polarized light or its reflected light is not changed by mirrors and it is therefore possible to achieve measurements with high accuracy. A support for control electronics that operate the elevator machine is connected to the machine support. The content of silicon of the silicon-rich channel layer within a film depth between 10 nm to 170 nm ranges from about  $1 \times 10^{23}$  atoms/cm<sup>3</sup> to about  $4 \times 10^{23}$  atoms/cm<sup>3</sup>.

1459826944-fef94066-5fc6-44d8-9fd7-369b8e2a2a29

A warning system for displaying a warning that a device unit is in use includes a sign unit configured to display warning information. This BDNF being modified with a 1-acyl-glycerol derivative of the present invention has more efficacious and more excellent pharmacokinetic properties with retaining the useful effects being characteristic to BDNF which are useful as remedies for neurodegenerative diseases and diabetes mellitus, and hence, it is particularly useful as a therapeutic agent for treatment of type 2 diabetes mellitus. The MUI system is used in displaying information in a selected language on the mobile electronic device. Each float serves as a \u201cground\u201d for the other; thus avoiding the need for anchoring the floats to the floor of the body of water. An endless wall extends from the substrate assembly and surrounds the skirt portion to define a nozzle chamber in fluid communication with the opening.

1459826945-21af9bf4-54cc-4cea-9af1-18a53c3287d5

Changing batteries in hearing apparatuses worn in the auditory canal is to be designed in a more user-friendly manner. The heating device comprises a heat-generation compartment with a cooling jacket around which a coolant flows, and a rotor mounted on a drive shaft. The query subsystem accesses an inference model to infer a probability distribution over a user's goals, age, and preferred level of detail of an answer.

1459826945-bb04bec6-f9d0-4bcc-87f4-afcb26591ea9

The present disclosure relates to a non-acidic, sulfur-containing, phosphorus-containing compound of the formula I where R1, R2, R3, R4, R5, R6, and R7 are as defined herein. When the read image corresponds to the first species of business form, the terminal apparatus cuts an image from a field corresponding to a format inherent to the first species of business form to thereby recognize contents of statement from the cut image and executes processing in accordance with result of the recognition. The substrate, gate, and gate dielectric are irradiated to discharge the charge across the gate dielectric. Using that gap determination, a custom implant is constructed to engage the abnormal surface and fill the determined gap. Accordingly, a packet loss or jitter is compensated for at both transmitting and receiving parties in a communications network such as the Internet so as to prevent the occurrence of a decoding error at the receiving party.

1459826945-cbefabc4-9f32-465f-961a-469df8df014f

A system and method for characterizing the atrial wall of the heart is provided. A die attached to a substrate by connectors is provided. The execution unit can be clocked at a first clock rate, whereas the memory controller can be selectively clocked at either the first clock rate or a second clock rate that is approximately one-half frequency of the first clock rate. The first reinforcing member has a planar surface and a first reinforcing edge. To accomplish this, in an image processing apparatus including a system control board configured to perform image processing, a memory backup function is enabled for an image memory storing data to be processed by the system control board, when a facsimile communication board is connected.

1459826945-d6625e8c-0b23-4400-81df-271d81ef6201

The present invention provides an apparatus for white-matter-enhancement processing, and a method and a program for white-matter-enhancement processing that makes it possible to analyze distinguishing characteristics of the brain of a living body, such as degree of growth and development, left/right brain dominance, areas of strength and weakness, and personality traits. Preferably the mammal is human and the compositions have comprise at least two compounds selected from magnolol, honokiol, and magnoflorine. The essence of the invention is that the piston and the crank of a piston machine are interconnected by means of a hinged joint with at least a flat hinge which enables the piston to self-center along the cylinder surface owing to the movement of the piston with respect to the crank in any direction on a plane that intersects the longitudinal axis of the cylinder. The torque limiting clutch further includes an output element and a coupling portion, with the coupling portion including a projection for selectively rotationally coupling the input element and the output element. A hafnium oxide material is formed overlying the first and second silicon oxide layers and filling the undercut region. The protruding portion of the second substrate extends along the extending direction of the groove portion of the first substrate, and mutually corresponding parts of the protruding portion of the second substrate and the groove portion of the first substrate are in direct and linear contact with each other without an adhesive therebetween, and the channel is thereby formed.

1459826945-f84a9ed3-2d16-4689-b7d8-30cb3d8e5c8e

In some examples, aspects of the present disclosure may include techniques for audio control of one or more multimedia objects. The system comprises a cable headend, at least one fiber transport, at least one distribution hub, at least one hybrid fiber coax plant, and a plurality of set-top terminals. The ClF3 gas is bound to the surface of the object to be processed W, and although the supply of the gas to the processing vessel is interrupted, the ClF3 gas bound to the surface of the object to be processed W serves to clean the surface of the object to be processed.

1459826946-113cea11-75ca-4be1-828b-87d489cb73c3

One embodiment of the present invention is an endless non-woven tissue making fabric having a three-dimensional texture suitable for use as a fabric for producing three-dimensional fibrous webs. The GPE block device may then access associated hardware devices through a well known mechanism. The flexible resin material may be chemically reactive with the curable resin material to form an adhesive bond therebetween. of a glass transition temperature  $T_g$  obtained by emulsion polymerization or suspension polymerization of at least one of an acrylic ester and methacrylic ester with a vinyl monomer containing crosslinking group with an aqueous latex of copolymer showing about 0°C. The effect can be mediated directly by administering a pharmaceutically acceptable basic solution or alternatively, the effect can be mediated by enhancing the activity of glutaminase.

1459826946-2e249103-dfe0-4208-abdf-1bfdcbb4cee5

An ambulatory spinal unloading method and apparatus are implemented to achieve a

desired minimum level of residual cushioning in response to a biasing force applied to the associated apparatus tensioning and/or compression mechanism. List information presentation means returns list information which makes the digital contents stored in the internal storage device and the network storage device as the held digital contents in response to a list presentation request for the held digital contents. The other program or station specific text is separated from the associated text string, decoded, processed and stored in function specific memories. Then, in a subsequent step, the roughened copper surface is contacted with an acid resistance promoting composition. The distal end of the sheath is subsequently expanded using a radial dilatation device.

1459826946-3a3b1a46-8f4e-4543-9e91-043afc8e466d

A liquid crystal display device and a method for fabricating the same is disclosed in which deterioration of picture image resulting from different lengths of interconnection lines is compensated with a capacitor having a layered structure. The reflector has a first slope having a plurality of LEDs mounted thereon, and a second slope having a reflective film mounted thereon, the reflective film arranged opposite the LEDs. At least a portion of the laser and amplifier share a common waveguide, which may have non-uniform optical or geometrical properties along the waveguide centerline or across a normal to the centerline. Methods of manufacturing a musical pizza box and methods of advertising are also disclosed. The delay lock loop is coupled to the OR gate and the input buffer for enabling the delay lock loop again according to the enable signal. Each pixel may also include a pixel-integrated optical detector.

1459826946-aaa716b8-d4d0-4d1e-9aed-11b5c17ee636

A maintenance station for servicing a printhead mounted on a carrier includes mechanisms that separate a wiping function from a capping function. The terminal device includes the following components. The application of the query operations are sequenced with the computing device to reduce or eliminate certain complexities and ambiguities during generation of reports, thereby providing an improved experience for user. The parking and lock system includes a number of upstanding members that are positioned to generally flank the front wheel of a bicycle to maintain the bicycle in a generally upright orientation. The first and second electrode interconnection parts located to face the IGBT are soldered only to the first and second connection electrodes, respectively. The mount seat includes a base portion 41a extended in one direction and mounted to the front cowl, and a support portion provided on the base portion 41a to support the basal end of the mirror stay so that a direction Dp in which a turning shaft of the mirror stay extends is inclined to a length direction DL of the base portion.

1459826947-1f53a52b-8f91-4796-8461-250ba8b9b32f

A user, such as a clinician or the patient, uses a control device to manipulate at least one neurostimulation parameter. A manufacturing method of a flash memory device according to embodiments includes forming a plurality of gate patterns over a semiconductor substrate including a tunnel oxide layer, a floating gate, a dielectric layer, and a control gate. The voltage loop control unit and the current loop control unit contain a proportion-integral-differentiation controller for receiving signal related to voltage and current of loading device to form voltage control loop and current control loop. Further there is at least one water communication channel connected at a first end thereof to the water connection device and at a second end thereof to the water communication outlet port for communicating water from the source to the outlet port. At least one association is identified between the configuration items and the key indicators. The first level surface of the slider is at a different distance from a surface of the first rail of the slider than the second level surface of the slider.

1459826947-223ed87e-cfde-4a1c-9468-f19467a98199

An apparatus for synthesizing polymer chains includes a controller, a plurality of



precision fit vials circularly arranged in multiple banks on a cartridge, a drain corresponding to each bank of vials, a chamber bowl, a plurality of valves for delivering reagents to selective vials, and a waste tube system for purging material from the vials. Through use of the compositions of the invention a heretofore unobserved synergy is observed in the treatment of perimenopause, menopause or any other cause of ovarian failure. The thickness of the layers must be precisely controlled. The second holding member has a second reference position along the second side of the main body and is coupled to a second transport apparatus that extends outward from the main body.

1459826947-328f3c35-a46a-4b8e-be4b-af646d435833

In one embodiment, in a development apparatus in which at least a first screw conveyor has been provided in a case, a developer affixing prevention member that prevents a developer from affixing to the first screw conveyor is disposed in the vicinity of a toner resupply port provided in the case. The transmission table includes a list of frames from various link control entities in the order in which they were multiplexed together to form a stream of frames. pa In order to solve the problem, a pulsed laser beam 1 having a wavelength absorbed sufficiently in the semiconductor film is used in combination with a laser beam 2 having a high output and having a wavelength absorbed sufficiently in the melted semiconductor film.

1459826947-7a5f8501-46a3-4f2a-a7d4-2a304836faee

A structurally reinforced, durable baking tray for use in high-volume industrial baking applications. The control unit performs a successive feeding operation. Other methods, apparatuses, and systems also are disclosed. An isolation terminal is provided that receives and dissipates energy reflected from the input of the doubly terminated network, such that substantially no energy is received or seen by the output of the singly terminated network.

1459826947-88b3ca2c-e195-47da-9538-0231215d64c6

Inner core barrel head assembly includes an upper latch body, a plurality of latching balls which are retained in the latch body and a locking sleeve disposed within the latch body. Reputation reports may be received from a plurality of users receiving messages that they interpret as either spam or non-spam. A semipermeable membrane is positioned to protect the first electrode from a body of liquid under test. Then, a additional demagnetizing process is performed for magnetic powder adhering to a surface of the compact by applying an magnetic field to the compact after the compact is ejected. One embodiment includes accessing electronic communications, and determining physical objects that are representative of at least a subset of the electronic communications.

1459826948-02192ad6-2d9b-4cc0-8592-d71034a8a1d2

An intra-subject observation system includes a first liquid inserted into a desired organ of a subject; and a second liquid inserted into the organ without being mixed with the first liquid due to a specific gravity lighter than that of the first liquid. The scaffold presents at least two functionalities; one sulphur-comprising group for coupling to the base matrix and one group that can be transformed into an ionic group. The interface device is capable of delaying only the specific data transfer being preferable not to be interrupted thus effectively protecting the hot swapping function. Afterward, the push-up needles of the die push-up device are lowered, resulting in that the die is held by the die holding levers.

1459826948-34ba1c24-7723-42a1-8fab-281681e543e4

Disclosed is an observation apparatus capable of eliminating in a suitable manner astigmatism and chromatic aberration generated in an observed image. In particular, feigned belt utilization is also detected by evaluating the temporal sequence of belt lock actuations with respect to further operations and/or states determined in the motor vehicle. The driver circuit includes shutdown control to drive its output terminal to a high-impedance state to accommodate sensing voltage across the voice

coil. Particularly, a part or a whole of the end portion of the rotary cylinder in the vicinity of the tool inlet is covered with the cover section of the housing. A recorded session may be stored and played back.

1459826948-948242bb-db1d-4a65-a1eb-476cea6dc145

An operating- and braking-assistance device for wheelchairs is attachable on the frame of a wheelchair. These compounds inhibit tubulin polymerization and/or target vasculature and are useful for treating proliferative disorders, such as cancer. An additional mixing matrix is then formed, and also includes the different summations of the source signals.

1459826948-a33829b5-04b2-42e7-be34-56f10d0ef900

A manufacturing system and method for use in the production of high strength plastic materials which can be used in the construction arts. The device maintains a substantially continuous converted power source connection during operation, including operations adjusting the length of the retractable cord. The peripheral end portion is disposed outwardly of the frame space. An electronic component is arranged between the functional element and the first electrode, overlaps with the first electrode and the second electrode in planar view, and drives the functional element.

1459826949-6c28d54a-f994-4e65-8648-66b584fa53bf

A printer includes a print roll unit. A command of a first type to perform device management operations with respect to at least one device in the network is received, wherein the received command is capable of being directed to at least one of a plurality of devices in the network. By averaging over a predetermined period duration of the calibration signal, it is possible, in the case of a partial discharge measurement, to recalibrate the measuring device continuously during the measurement, and additionally on cables to determine the fault location with great precision. The second circuit includes a second input that receives the first output current from the first circuit and a second output that provides a second output current. An efficiency of the stack is regulated based on the observation. A fastener track is applied in-line with a plastic web and is bonded thereto at the same time that a peel seal is formed.

1459826949-70e3d1be-59c9-42d8-97ce-92c0295b9aab

A personal misting umbrella consists of a water distribution tubing network that exists within the umbrella canopy. The first sampling element and the second sampling element are separated by an output matching network defined by a set of S-parameters. The heat treatment chamber may include an external tunnel and an internal tunnel installed in a preheating zone, and an external tunnel and an internal tunnel installed in a main heating zone. Transmission of pilot signals after granting of a transmission request and a decision to transmit traffic data has been made occurs in some embodiments.

1459826949-f6049ffa-5e29-47df-9548-12799a4df683

The present invention is directed to a novel method for increasing the production of acetate, decreasing the production of butyrate, increasing the population and species of beneficial bacteria and slowing the rate of fermentation of prebiotics within the gut of a formula-fed infant. The decoder also accesses a table of treelet translation pairs and returns a target dependency tree based on the source dependency tree, based on access to the table of treelet translation pairs, and based on the application of the statistical models. The same lens array 1 is employed in the three-dimensional display device as the lens array employed for generating the two-dimensional images. A sorting module uses the accept list to sort the electronic messages into various folders. The adjustment occurs when a serving cell signal strength is below a threshold for a serving RAT and the target RAT is successfully acquired during IRAT measurement.

1459826949-f8428ea8-abd9-497d-a2aa-da4899c7b603

A New Guinea Impatiens cultivar particularly distinguished by having red-purple flowers with light purple eyes, a strong root system and a compact growth habit, is disclosed. Improved x-ray scatter control is provided through the alignment of the system with the focal line of an anti-scatter grid. The cylinders preferably are secured to the drawbar frame at a position close to but offset from the axis of rotation of the circle member. A de-duplication module may be configured to detect duplicate information or activity events, wherein the duplicate data may be removed and/or consolidated. An interpretation of these two chronological scenarios is eventually carried out so as to reconstruct the depositional conditions of the sedimentary layers.

1459826950-878480e4-9da8-4c74-8a57-a0a51580b0f9

The present invention relates to a process for the enantioselective enzymatic aminolysis of racemic 2-3--4,5-dihydro-5-isoxazolylacetate -I) by methyl N-Boc-L-, -diaminopropionate. The preamble unit generates or detects a first preamble having a first length for a first data line, and generates or detects a second preamble having a second length for a second data line. The implant is moveable along the guiding member to the surgical location for securement with a bone anchor engaged to the patient. The test result can then be transmitted to a location outside of the building structure. The potential defects are detected at the spots where luminance shifts in the captured image.

1459826950-8cf56220-c3a5-4682-8803-51b1035287a3

A nuclear medicine imaging apparatus according to an embodiment includes a gradation width storage, an estimating unit, and an image generating unit. Stations in the relay network may be grouped into multiple depths. A mobile application scans the QR code, which causes the mobile application to identify user profile data and send the user profile data to a Campaign server.

1459826950-9f27c3b4-ad8a-4fe4-acbb-6081dd478bd4

Disclosed is a pigment dispersion composition for producing a color filter. The first electrode is formed on the substrate. Thereafter, a delivery catheter is passed through a lumen of the penetrator to the target site. A determination is made that the first shape and the second shape are colored using a first color.

1459826950-de2e9463-f32e-43e2-82c9-66e33d986a2e

A method for managing a multi-user animation platform is disclosed. Base stations transmit electromagnetic transmissions. When a lock is requested and the lock is available, the only data gathered is a counter that is incremented to keep track of the number of times the particular lock was requested.

1459826951-22f733ae-a8c3-40d3-82a1-d16e1b22e203

An error analysis tester for an optical component includes an optical transmitter, an optical attenuator, a port, a receiver, a processor and a graphical display. The fibers may contain a single sulfopolyester or a blend of a sulfopolyester with a water-dispersible or water-nondispersible polymer. The IP datagrams are respectively assigned to one of the time intervals and are transmitted within the respectively associated time interval by the transmitter in line with the Internet protocol. If an access request of less than a defined data amount is granted in periodic arbitration, the remaining access chance can be used in arbitrary arbitration. Next, an oxide liner is deposited by a CVD process on the first and second sidewalls of the trench and over the substrate after the hard mask has been removed.

1459826951-a353a832-9a4e-4660-a9f9-d135cca9a8f8

The present invention provides to a system and method of sharing contents using a messenger program. When a caller calls a person driving, play to the caller a query whether the call is important enough to put through, and put it through only if the

caller responds affirmatively. Additionally, the cantilever probe comprises an electrical circuit coupled to the cantilever wherein the electrical circuit is capable of measuring a change in piezoresistance of the cantilever resulting from an atomic force and/or a magnetic force applied to the cantilever. In preferred embodiments, the oligonucleotide primers are modified with particular chemical groups such as esters. The display support apparatus further includes a mechanism for providing a constant orientation in relation to the base for the plane bisecting the range of rotation of the second arm about the pivot axis between the first arm and the second arm even as the first arm moves pivotally relative to the base. Each text segment can be tagged with a garbage score indicating its quality.

1459826952-91a8850c-8851-4a25-8fd6-eda492f730ed

Externally supplied program data is latched into data latch circuits DLL and DLR. A buyer request searching module locates a buyer request listing corresponding to a search criteria. The projecting members are positioned a distance apart from one another and include openings disposed therethrough at distal ends for engaging sections of a launching device. The moving table is supported relative to the stationary base with slight displacements made possible in the XY plane, using an elastic deformation of each of the elastic hinges in the flexible direction. The STS management block routes the traffic to the ATM cell management block and to the non-ATM payload management block, according to the traffic type.

1459826953-60af1482-e18d-4c5d-aa16-a6fc076758b4

The present invention relates to a conical wedge-shaped lensed fiber and the method of making the same. The methods comprise administering a therapeutically effective amount of oxytocin or oxytocin analogs to alleviate one or more symptoms of Parkinson's disease. The invention further provides methods of producing such organosilicone fine particles.

1459826953-d18b1c02-146a-4bbe-ae07-72999db942dc

A marker for marking the location for drilling holes to pass the line of bolts in a plate to be secured to the slab of a building. A natural language data extraction module extracts problem data and related solution data from the narrative data, and a database module populates an aircraft service information database with the extracted problem data and the related extracted solution data. A non-synchronous incoming pallet conveyor is aligned horizontally to receive a set of incoming pallets.

1459826953-ff94b6b2-e22c-4bee-8d27-05c051e5627f

A milking liner for an automated milking machine includes a barrel that moves between an uncollapsed position and a collapsed condition when it is subjected to a vacuum milking condition. The pixel areas includes a pixel electrode formed of a transparent electrode having a plurality of slits including a slit opened in a first direction and a slit opened in a second direction, and a counter electrode formed of a transparent electrode disposed between the transparent electrode of the pixel electrode having the plurality of slits and the one substrate. However, single cell genetic analysis is challenging, inaccurate, and in many cases impossible, due to the small amount of sample, and difficulties in handling small sample volumes. The side nozzles have their axes inclined with respect to the axis of the lance and can be positioned along the axis of the burner. First and second mixers generate a first clock signal and a second clock signal which is 90 degrees out-of-phase with the first clock signal. The size of an abnormal shadow present on a current medical image obtained by imaging a subject is measured, and the size of an abnormal shadow present on a previous medical image, which has been obtained by imaging the same subject, at a position corresponding to the position the abnormal shadow on the current medical image is measured.

1459826954-1a30a86e-0e1a-4ad2-b62c-0fc3450e7457

Disk drives are described in which blocks of data spanning multiple sectors are

encoded into a plurality of codewords which are then divided into segments that are physically separated on the disk surface over multiple sectors in a distributed codeword block so that the codewords have an improved worst case SNR in comparison to individual sectors. A plurality of the photoelectric converter and the transfer element are disposed at least in a horizontal direction share the amplifier and the read signal line. Screws are provided in one embodiment and are dimensioned or configured to be inserted into a bony structure and to lock against each other to retain the screws and consequently secure the plate in place against the bony structure. The ground of the low pass filter is separated within the multilayer ceramic substrate from the grounds of the other circuit. Or, alternatively between the applications and programs that created them and the pay station sales, and the control system takes account of these correlation data sets in replaying the data or in selecting the programs or applications. In an alternate embodiment of the invention, the fan is mounted on the carrier and the rack has a lateral opening.

1459826954-a31f6c0f-ff03-479b-81c7-603357cd021e

A vibration control apparatus using a water tank, which is installed at the uppermost floor of a tall building, the water tank being formed at the inner wall surface thereof with horizontal protrusions. The invention provides a method for rapidly and inducibly generating point mutations and other types of diversification in expressed genes, such as antibody genes. The optical-fiber taper is a matrix of optical fibers with the core material made of, e. The coin containers lift a coin above the interior surface of a cover such that the rim of the coin may be viewed while the coin resides in the coin container. A determining unit determines the pair of foreground pixel and background pixel with the highest value of the probability function.

1459826955-5f2c5bdd-849a-4b82-9881-f135855be658

The present invention relates to a transmitter for high speed communication systems, comprising a plurality, preferably two, drivers each having series terminating resistor, wherein the series terminating resistors are joined at the transmission line. The coil electrode section is sandwiched by the first magnetic layer and the second magnetic layer from both directions substantially perpendicular to the plane. The present invention also relates to a magnetic matrix display and electron beam source and methods of manufacture thereof. The system can be an air conditioning or refrigeration system.

1459826955-99cd097d-8de6-43b8-8174-17651d57136d

Disclosed is an optical component, which comprises a prism element adjacent to a lens element, where the two elements are separated by a small air gap. Disclosed herein is a method comprising fixedly attaching tubes to a shell; wherein the shell is operative for collecting a fluid; wherein an internal diameter and/or a wall thickness of the shell vary with a change in pressure and/or a change in a fluid flow rate in the shell; and wherein the tubes are in communication with the shell and are operative to transfer fluid into the shell. Transitioning to a rectangular cross section at the dump end provides more even load distribution across the dump end compared to a conventional half-pipe dump body. The vehicle communication system can determine which devices are within the vehicle.

1459826956-1f561a99-465a-4f7e-8352-2b35430c2b35

Previous limitations in utilizing energetic vapor deposition means are addressed through the introduction of a novel means of vapor deposition, namely, an Electron-Assisted Deposition process and apparatus. An input beam of S-polarized light is reflected by a polarizer 1 and advances to a Pockels cell 2. The wireless device includes any wireless apparatus having wireless communications capabilities. The largest one of the first and second measures is then selected as the output signal that reflects the state of the autonomous nervous system of the sedated patient.

1459826956-32422f49-3a16-4bfa-8eb1-812a9d2dfef1

A mounting arrangement for accepting a pipe through a boundary in a vehicle includes a dash defining a boundary between an engine compartment and a passenger compartment. A compressive lower layer of spring material may be formed at a thickness that is three-eighths or less of a tensile upper layer of spring material. The housing can be at least partially submerged in a road surface or protrude from the road surface so as to be driven over until deployed. The integrated circuit further includes a barrier located on the major surface for inhibiting a flow of the gas across the sensor element.

1459826956-637f138f-29ba-4780-95ca-3a9b62798fde

In one aspect, a spellchecker is provided that differentiates between code and natural language parts of a source code file. A ramped stop comprises a body having an upstanding front ramp portion having opposing forwardly and rearwardly sloping surfaces for the passage of a wheel therealong, a rear ramp portion extending rearwardly from the rearwardly sloping surface. This SOI substrate is composed of a stacked structure of a silicon substrate, an embedded insulation film and a silicon layer. The fabric has uses in inflatable devices, including airbags, or lifting devices.

1459826956-c84d34d8-9ba3-4a10-b20e-61101e757072

A system and method is disclosed for maintaining synchronization in a communication system in which a signal is sent from a transmitter to a receiver which includes a phase lock loop. The controller controls an oxidant supply to the anode and cathode sides to exothermically react with the hydrocarbon fuel when a temperature of the fuel cell is below a threshold temperature. 0 percent of the marking stain, an optical brightener present in a concentration of about 0. The program also calculates award points, updates the award account of enrolled users, and communicates that number of awarded points to the user.

1459826957-15de17e6-e47c-4006-8359-9038819d8159

The present invention provides wind flow bodies for use with a structure for decreasing the carrier wing effect on the structure by the formation of turbulence or reducing the dynamic pressure by deflecting the wind flow. The substrate includes a plurality of fluid ejection actuators disposed on the substrate. The demand control section determines a demand for prompting the consumer to adjust the amount of power demand based on the first and the second predicted amounts of power demand. Routing demands, working communication paths, and protection communication paths are selected. The imaging lens assembly has a total of three lens elements with refractive power. The present invention enables any member device to store protected data on the network such that any other member device can access the data in plaintext without having to communicate with the device that actually stored the data.

1459826957-e4195e56-47b0-4f49-b089-0889cc4a18be

A rectangular transparent sheet 15 is printed with black dotted density patterns 21 and 22. The proposed method and system is characterized by the use of protocol-oriented rule rearrangement, the probable bit vector based on the aggregated bit vectors and folded bit vectors, an ABV-FBV index table dataset whose data structure is based on a featured split full-tree schema, and a DCBV dataset for packet classification. Using the image data in the spectral domain, one or more one-dimensional spectral signatures can be generated and features of the signatures can be extracted and compared to features of one or more known objects. Furthermore, an isolation effect of a leakage signal of a transmitting unit to a receiving unit can be maximized while adaptively changing an attenuation value of a variable attenuator. The optical system includes a first imaging optical system comprising a concave reflecting mirror and a dioptric optical member arranged along a first optical axis. This prevents foreign material from being trapped between the transfer belt such as an intermediate transfer belt or transfer material conveyance belt and a sheet member and thereby reduces density irregularities in a

longitudinal direction of the belt.

1459826958-307498dd-ddb5-4360-a1fa-774b048ee372

A liquid crystal display device which includes first and second organic interlaminar insulating films between pixel electrode and wire. A driver receiving opening extends longitudinally from the proximal end. The optical fiber received can be produced using different technologies: CMOS, BICMOS, BIPOLAR.

1459826958-5363c52c-e24e-4005-8692-2f30701d158f

In a dry or concentrated liquid fertilizer when local water is added to dilute to a working concentration, the hardness components in the local water react with the fertilizer components and begin to form low-solubility salts. A cuff is attached to the stump of the severed limb which contains a diagnostic transducer array and a HIFU transducer. A pair of electrodes are connected so as to be capable of providing an actuation voltage across the lithium storage material and the volume changing material. Dielectric material separates the source and the drain from the gate, and the control gate from the first charge storing layer, the second charge storing layer and the gate. The motor driven gear is disposed on one side of the crankshaft and the cam chain is disposed on the other side of the crankshaft. Bismuth compounds each represented by the following formula 1, 5 and 9, processes of producing the same, and processes of producing a film.

1459826958-5473bd26-9f29-41ec-96a1-9a55f30c0259

A filter substrate including a transparent support substrate 11, a pattern layer 13, a first overcoat layer 15 formed of a reaction product prepared by a chemical reaction mainly based on hydrolysis of a starting material comprising at least a material selected from aminoalkcyltrialkoxysilanes, aminoalkcyltrialkoxysilanes. The bandwidth divider includes a plurality of counters for measuring the bandwidth of data packets transferred from the bandwidth divider to a respective packet processor; and a controller for analyzing the plurality of counters and transferring a data packet to a selected packet processor based on the contents of the counters. Additional embodiments are disclosed and claimed. In various embodiments, the fingers may further comprise cutting elements to assist in the dilation of the puncture site. A display is positioned adjacent to the second member.

1459826958-7bc773bd-7c6e-4e1a-bf7e-5068d037e8c2

Sealing elements locate an annular seal plate in an annular recess. Transaction data may be exchanged electronically with industry clearinghouses or in-house administration systems. The outer part is movable relative to the inner part from a first position in which at least part of the first and second portions are adjacent each other to a second position in which there is a gap therebetween. Further, depth estimates can be levered in object or scene recognition to trigger or initiate an action taken by a computing device. The status parameter may be automatically stored and/or displayed via the MMS.

1459826958-b7a52080-c8ba-49a3-a5e5-71359a2ca5e3

The present invention provides a method, system, and computer usable medium for indicating road direction for vehicle instruction for a one-way street. The rotation of the rotationally connected members is broken in a predetermined manner. The jack is in removable communication with either the air compressor or the electrical inverter, both powered by a cigar lighter plug removably fitted into a cigar lighter. If the sensitivity of at least one of the variables is greater than the respective sensitivity threshold, then the at least one timing test is considered to fail.

1459826958-bd543c66-8768-43b4-a3fd-5190ae7f9220

A labeling machine for labeling containers such as bottles, cans, and similar containers. The system comprises a multi-tier buffer cache. The locking pin may be

removable from the flywheel, and the flywheel retaining locking knob may include an aperture for storing the locking pin. The casing is at least partially materially engaged with the current conductor via the contact area. The gas generating additives and the polymeric microspheres provide void spaces in the material matrix, and such void spaces act to increase freeze-thaw durability of the material.

1459826959-275420c0-ef5a-46c3-83cb-e4093d94ec1e

An interconnection wiring system incorporating two levels of interconnection wiring separated by a first dielectric, a capacitor formed by a second dielectric, a bottom electrode of the lower interconnection wiring or a via and a top electrode of the upper interconnection wiring or a separate metal layer. Disposed in the feed path of a sheet is a transport nip for feeding a sheet and for transversely registering the sheet and image by displacing the transport nip transversely of the feed direction. The network device determines whether the client density data of the first access node overlaps with the client density data of the second access node.

1459826959-82e1bc58-4807-4be6-b807-456a6ccc4567

A side frame assembly for a wheelchair suspension includes a mainframe, and a front caster frame connected pivotally to both a front end of the mainframe and a front caster. A communication line test unit is incorporated into the remote security system and its communication unit. The plating/depositing process can be performed using brush plating or electrochemical mechanical deposition and the polishing process can be performed using electropolishing or chemical mechanical polishing. A first inclination angle is formed between the rotation axis and a first imaginary plane that is orthogonal to an optical axis of the projector lens. The photosensor also has a charge accumulation region for accumulating charges generated in the IR sensitive region and an electrode above the charge accumulation region for providing a voltage to accumulate the charges generated in the IR pixel.

1459826959-b5707929-8845-4a9c-aaf1-c5a5955d2d46

The present invention includes an electronic device workpiece processing apparatus and method of communicating signals within an electronic device workpiece processing apparatus. A transport path conveys a series of mail pieces at a print velocity. A measure related to a gas flow may include, but is not limited to, a measure of fuel consumption by a device or appliance attached to an output port of the valve assembly.

1459826959-ef77d57e-fc6d-4e5f-ad13-fef065f63d80

A master information carrier for magnetic transfer includes a substrate having an irregularity pattern representing information to be transferred to a slave medium and a magnetic layer formed on the irregularity pattern on the substrate. The optical fiber has an untapered segment and a down-tapered segment. By using a ferrite-embedded element positioned between the filter and the RF shield, some of the undesired harmonics produced by the mixer can be dissipated into heat. The bypass arrangement may include a bypass tube and an element for selectively blocking the bypass tube. A second phase is performed when off-line and includes decoding the remaining content of the composite image and the portions to reconstruct the composite image of the collaborative session content and formatting the composite image.

1459826960-1f6bf30e-0d7f-494f-bea7-59a790c7461d

A computing system having a memory riser sub-system. A LCD is also provided in the transparent fixing cover, and a rotary ringed stand is provided under the rotary disk. Gaps between the film and the core are formed by the projections. These information need to be collected by control management station at its and the associated systems' boot up time or at the time when a user logs in and requests to access and manage these resources.



1459826960-2349f518-ea33-4c54-8973-ec8d82613f79

A power saving method is disclosed. The optical device includes a demultiplexing portion 4 separating TE waves and TM waves of incident light of a wavelength and an optical fiber 1 inputting incident light into the demultiplexing portion 4. The electrical feedthru may be very small, facilitating its use in MEMS devices. The manifold plates together form a closed flat tube and each of the manifold plates has a pair of cup portions.

1459826960-24316326-7858-4f5c-b3b1-c66e30f56da4

This disclosure provides a method and a system for large volume data processing for solving the problem of system collapse caused by processing delays resulting from a failure of processing a large volume of data within a scheduled time. In the strap feed assembly, a rocker arm has an engagement surface and a pivot axis parallel to both the axis of rotation of the pinch wheel and the axis of rotation of the drive wheel. A conductive column electrically connected to one electrode of the vibration motor is formed on a top of the accommodating body. The sealing arrangement has sealing surfaces for contacting outer circumferential surfaces of the sleeve and the shaft as well as means for effecting sealing engagement between each of said sleeve and said shaft and a respective sealing surface.

1459826960-c2d91804-ef93-4174-b780-52fb065e6216

A mixture of a polyester, such as poly PET, or a polyamide, and a suitable stabilizer selected from the group consisting of hydroxylamine stabilizers, substituted hydroxylamine stabilizers, nitron stabilizers and amine oxide stabilizers, when extrusion compounded exhibits a lower residual acetaldehyde content than does polyester or polyamide alone when similarly treated. The system includes a shield of magnetic permeable material positioned on one side of the object to be tracked. A backside surface of the chuck has a central protrusion that can be a D-shaped mesa to facilitate alignment with a mating cavity in the pedestal. Having one PA and LNA set for each antenna removes the need for diversity switching between the PALNAs and each antenna improving signal reception.

1459826961-0c7c7042-30a0-4b6a-a0da-25817496c1c5

An active layer contains quantum structures. The traces may be smoothed, straightened, or otherwise adjusted by assigning forces to the nodes and moving the nodes in accordance with the nodes. The system further includes a plurality of input/output devices communicatively coupled to the MILS controller via a plurality of corresponding device-side buses. An angle between the target object and the device can be determined based on the target object information. During operation between initial start up and before the introduction of engine load, fuel is introduced into the primary zone only by the first plurality of injectors.

1459826961-1b2b1e76-f7c5-4dec-89b3-b01dbf6f2c39

A control apparatus for a switching device which suppresses surge voltages at the time of current shutoff of a switching device to protect from overcurrents although the switching device is not in an overcurrent state, including a current sensor, a comparator, a timer latch, a control circuit, and a transistor. To minimize the number of bits required for a residual block, quantized transform coefficients are adaptively divided into a plurality of subsets according to a size of a transform block, and non-zero quantized transform coefficients of each subset are scanned and encoded. The scaffold also has a reduced crimped profile and a modification of the scaffold's ring structure at the crowns that contributes to the reduced crimped profile. The system may also include receiving a plurality of location data associated with an animal, determining a location of a debris item associated with the animal, and a cleaning portion coupled to the housing. Use of alkylated indenoindolyl complexes with the support-activators provides improved activity compared with metal halides. A repeat sensing pass will then produced more accurate results.

1459826961-96748c5c-fa47-4552-97da-66e78652db4a

A fire retardant head-of-wall assembly configured to seal a linear head-of-wall construction joint or gap when exposed to a heat source such as a building fire is disclosed. A determination may be made as to a primary transport power and a primary transport block size for a primary stream. The invention further relates to a medical device comprising said adhesive composition.

1459826962-38c05204-a4f5-49cb-9eaa-bfc501321781

The present invention relates to the production of a series of holes in a layer of material, in particular to the production of a target rupture line in a first layer of an airbag cover. The slew rate control circuit is configured at the input terminals of the output driver circuit to suitably control the slew rate of the input signal for the output driver circuit based on the level of voltage of a power supply for the output driver circuit. In one embodiment, a first layer in the form of a lightguide substrate receives unpolarized light from a lamp. The system includes a software program comprising a data record masking module for selectively providing a first view for displaying one of the subsets to a first user. In various embodiments the amplitude, excluding the thickness, may be at least 2 mm.

1459826962-711f664c-1b5b-42d0-907e-13b7b84e7a01

A color cathode ray tube is provided in which an inner radius of curvature is designed as 0. A time of exiting from the reduced power consumption state is read prior to an execution of an interrupt routine. The identified dynamically generated code may then be stored in a separate file for further display and debugging. By using this processing procedure, the invention realizes a disaster recovery system which carries out copying transactions from one site to another site without losing the transactions, while reducing the influence of copy operation on the transaction processing performance.

1459826962-7aa0e08e-006d-4dbc-bc53-e977a2faaed1

Method and apparatus for providing inserts, such as lift inserts and step inserts, in cast members. The skid steer loader includes a hydraulic cushioning mechanism at one or both ends of the hydraulic cylinder such that the grapple component does not come to a hard stop when it impacts against the implement bucket. In addition, in the photographic lens, an image forming magnification of the second lens unit during focusing on a closest distance object is appropriately set. The hydroprocessing catalyst is particularly effective in the conversion of the heavy hydrocarbon feedstock. The second locking tongue is resiliently connected to the sleeve and has a second blocking projection which is engageable with the circumferential groove in the pipe, the second locking tongue having a lever arm which extends toward the open end of the sleeve.

1459826963-ad503aa4-dcd7-4f43-a600-6dc795d878dc

A device and method for reducing noises created by a movable seat back that is tethered to a cabin wall. The sender of the graph-text document enciphers at least one graph-text document with digitizing algorithm provided by a control center and producing an enciphered and compressed cryptic document. These peptides range from 3 to 10, preferably 4-8 amino acids and have a sequence that binds to each subunit of the thymidylate synthase dimer at the level of dimer interface, stabilizing the dimeric inactive form of the thymidylate synthase enzyme. In preferred embodiments, the process is cost-effective and not environmentally harmful.

1459826963-d9f4e3f7-67f8-4778-8b6b-566e830115c6

An optional surface fastening system for an electronics housing facilitates its attachment to pre-manufactured fixed panel systems, enclosures and the like. The growth habit is tall and bushy. Furthermore, the array of receivers may be used to significantly enhance the preferred reflection energy and damp undesirable near surface energy. Notches are cut out of the rear edge of the platform so that one of

the U-shaped bolts straddles each notch. In one embodiment, the camera-based system can be used in conjunction with a training aid that is attached to a basketball rim.

1459826964-02284b8f-9eac-41e0-b571-bbcd157b55fa

A highly corrosion-resistant, rust-prevention coating material comprising: an inorganic binder; and Zn metal particles comprised of Zn and unavoidable impurities and dispersed in the binder at the rate of 30 mass % or greater based on a dry coating film, wherein the Zn metal particles include fine-grain Zn metal particles of 0. When a networking system is configured using an earlier version of SNMP, such as version 1 or 2, and is to be reconfigured to employ a later version such as version 3, certain options are to be reconfigured. The event information may be processed by the server to assess the security state of the mobile device by comparing the event information to the mobile device security information. One or more of the feeder body walls and the feed holder have cooperating sliding structures, enabling the feed holder to be slidably received into, and/or removed from the remainder of the feeder apparatus.

1459826964-f28af368-16b4-4c72-ba5c-3e4ce958e315

A variable frequency Helmholtz resonant cavity includes a Helmholtz resonant cavity body, two Helmholtz resonant cavity pipes with different cross-sectional areas and lengths and a control valve plate. In another embodiment, a restore mechanism is provided by copying the saved contents of the protected area from the backup storage device to the user area of the storage device, booting into the protected area of the storage device, and copying the saved contents into the protected area. A direct, wired electrical connection between the patient support platform and the base frame allows full rotation of the patient support platform in either direction. Preferably, the inflation bladder is secured by a body support having at least one support pad on which the patient is positioned. The ridges include side surfaces that mate with side edges of the engagement tabs to maintain the peripheral rim of the bonnet against the ridges as tension is applied to the peripheral rim that forces the peripheral rim away from the ridges.

1459826965-495e3cf2-3f8e-4bef-b004-da8b4be1cdf5

A battery cathode comprises an electrode of silver, molybdenum, oxygen, fluorine and chlorine and having a higher discharge capacity expressed as milliampere hour per gram of material available from silver reduction at a potential above 3V as compared to that of SVO material versus lithium. Embodiments of the present invention relate to a multiport network analysis that is derived from a family of two port calibration techniques including ThruReflectLine, ThruReflectMatch, LineReflectLine, LineReflectMatch and several others. The method further includes determining the estimated battery state vector indicative of a state of the battery at the first predetermined time based on a plurality of predicted battery state vectors, a second plurality of predicted battery output vectors, and the battery output vector.

1459826965-7f626247-1d1d-48b5-8d7f-dee27f422c6a

A driver reminder system to remind at least the driver of a vehicle, prior to leaving such vehicle, that there is at least one other occupant in the vehicle. The biometric-information processing device further includes an extracting unit configured to extract a frequency component having a frequency higher than a predetermined spatial frequency at the image acquired by the image acquisition unit. The stiffeners are configured to prevent torsional flexion or bending of the connective structure to which they are to be secured. For a new event, the digital signature is appended to the Server Name, the Server Serial, the First Occurrence timestamp, and the NsRaw fields. When this happens, signal data may be stored in a subsequent buffer and if a local extreme value of the subsequent buffer does not exceed the global extreme value, further signal data may be stored in the subsequent buffer in a circular manner until either an instantaneous extreme value

exceeds the global extreme value or the recording period ends. The second memory cell has its control gate coupled to ground.

1459826965-d6941b41-7f42-45b4-9e5e-f4780f08117c

A method for on-orbit calibration of the temperature sensors of a blackbody is disclosed. In an embodiment, a method of navigating a course is disclosed. , aluminum, to the dilute composition. The second arm is rotatably coupled to the first arm between a first expanded configuration and a second collapsed configuration.

1459826966-318830da-9473-43e5-ba3f-7ce4849b3e70

Systems, methods, and computer program products are provided for optimizing liquidity that an Audience Producer can access for the sale of audience profile access rights by having each individual audience profile access right listed using symbology that can garner the highest price discovery and depth of market. The laminated structure as an anode for organic light-emitting devices is provided on a flat surface of a substrate. With this arrangement protection in three directions is necessary.

1459826966-51b34902-825c-49ed-a8eb-955eff973325

A wheel stud installing and removing system includes a C-frame; a forcing screw configured to communicate with the C-frame to move laterally through the C-frame; a swivel mounted on an end on the forcing screw; an adapter receiver mounted on an opposite end of the C-frame from the forcing screw, and configured to receive at least one of either a stud installing adapter and a stud removing adapter. A medicine cartridge or a modified seed cartridge, having a reservoir on its proximal end, can be attached to the applicator body for dispensing medicine into a needle or medicine can be injected into the needle via a three-way fitting attached to the applicator body. The DB is disposed outside the channel. The pixel electrode of the first liquid crystal element is electrically connected to a pixel electrode of the second liquid crystal element through the second switch and the first resistor. The PID values of transport packets within at least one transport stream are compared with the n possible PID values of the PID re-map table, and when a match is found, the table is indexed using the matching entry and a re-map value is generated therefrom. The OCT control signals are used to control the on-chip termination impedance at one or more IO buffers.

1459826966-816ab533-3247-41b2-85b6-4833ff7b2660

The invention provides, in some aspects, methods and apparatus for registering 3D image volumes by utilizing a graphics processing unit to facilitate maximizing the \u201cmutual information\u201d of the two image volumes being registered. In a similar manner one may estimate the process conditions to prepare a polymer having a target PENT value based on the conditions used to prepare the samples for the graph or algorithms. The active metal foil and the solder material are heated to form a bonding layer and the metallic member is disposed on the surface of the bonding layer, and these are pressed and heated to bond the bonding layer and the metallic member through solid phase bonding.

1459826966-8a18a64a-0d98-43de-af80-22bd2588350b

A method for storing data in a memory chip that includes a memory core having dynamic random access memory cells, is performed by a memory controller chip. Connecting components including splice bars, splice plates, and mounting clamps are aligned in, positioned along and secured to backing bars which are co-located in backing bar slots in one or more of the slotted frame cabinets. The inner chambers are in fluid communication with extension and retraction ports provided in the stationary cylinder wall. The groove is formed in each of side walls of the roller body at opposite ends in an axis direction of the roller body, and extends outward in a radial direction from the spindle. The receptor, together with peptides encoding its extracellular domain, have application in methods of immunomodulation,

including the blocking or inhibition of humoral immune responses in transplant patients.

1459826967-4db077c1-e2e3-4a39-bcf8-89d65a955602

A method of presenting an image of a receipt to a consumer includes electronically capturing a receipt and storing the receipt at a host computer system. The pulse reverberation is estimated by two transmit events, where the second event is determined by measurement and processing on measurement on echoes of the first event. A clutch spring performs energization to narrow an interval between the clutch center and the clutch piston. The method includes providing a holder substrate, which has at least one recessed region, the recessed region having a predetermined shape. The drain passageway extends along a straight path at an oblique angle to a piston axis along which a piston actuator moves in response to the return spring and/or the pilot air pressure.

1459826967-99e01472-8aff-43c1-8115-fc5cf03c541f

Translating gestures made by one avatar to a second avatar in a virtual world by receiving an input from a first user representing an input gesture to be made by the first avatar to the second avatar. Versions of the versioned resource are associated with compatibility information, such as a feature version and a service version, for example. The insert is formed from milled aluminum. The metal light reflection layer is located on the upper surface of the substrate for surrounding the LED chip, and reflecting the light emitted from the LED chip. The nozzle may be driven in an oscillatory manner at a predetermined amplitude and frequency so the nozzle spray is delivered in a manner to provide pulsing of the spray and to provide as \u201csnow plow\u201d effect on contaminants as the spray delivers the cleaning medium against the surface.

1459826967-a370b9fd-d7f2-4828-a34f-b0300338cffa

Wide area camera vision systems can respond to variations in light beams projected into a region being monitored. The base body includes a layered body of a plurality of insulating layers. Thus, a suitable film quality can be obtained. The key server transmits the decryption key to the mobile device after authenticating the user of the mobile device.

1459826968-5610d79a-11bc-45f2-83d0-390003956507

In a semiconductor device formed on a silicon surface which has a substantial crystal plane orientation, the silicon surface is flattened so that an arithmetical mean deviation of surface Ra is not greater than 0. Here, configurations for an amplifier and switch network are provided, which generally cancel noise from the \u201cground switch,\u201d so as to provide an improvement over conventional configurations with little overhead. The first conductive layer is held at a first voltage.

1459826968-6f980e36-bdd8-42db-973f-b41cf995086a

A biomedical polymer composite that exhibits ultra-low thermal conductivity properties. The massage apparatus 5 comprises a housing 10 having a hand portion 26 and a cuff portion 42. The frame includes a rear swing frame pivotally connected to a front frame. The second surface 32 has a series of parallel elongated concave surfaces 32a that have an arcuate cross-section and extend in a direction substantially perpendicularly intersecting the elongated convex surfaces 31a on the first surface. Also disclosed is a system and technique for automatically resetting a Raman pump unit once the source of an optical leak has been located and addressed. The relaxation oscillator circuits described herein exhibit superior low temperature coefficient performance characteristics, and do not require the use of expensive off-chip high precision resistors to effect temperature compensation.

1459826968-b7586cbb-1133-444a-8179-7df34c9b844d

An existing security association is re-established when a communication handover

event occurs in a radio communications system such as IEEE 802. Each support shelf is secured to the first and second members by respective first and second mounting brackets, and each support shelf is configured to support communications equipment thereon. The encoded and re-encoded bit streams may be MPEG-encoded bit streams. Besides video and audio, the digital media cartridge can also store and execute games that use the user input and display screen of the host device. On the basis of the input, the mobile station transmits configuration information to a mobile services switching centre in a configuration message.

1459826968-de7bd0eb-c714-4c27-87e5-fcbefd279367

A reconfigurable processor module comprising hybrid stacked integrated circuit die elements. The technique includes determining a geophysical trend of trace amplitudes indicated by the seismic data based on non-linear regression and performing quality control analysis on the seismic data based on the determined trend. The method then determines whether each head does not exceed a threshold BER value.

1459826969-38258143-ed8a-4cca-8940-67a857e6b117

A user activated, disposable insect bait station particularly adapted for use with liquid bait, including attractants and toxicants is disclosed. The system has a heat spreader and a heat sink structure. An end of the burner, which is used for supplying fuel and is arranged opposite from the nozzle end, is located outside the pressure vessel. The process enables epitaxial deposition of silicon-containing layers over semiconductor surfaces, particularly enabling epitaxial deposition over a silicon germanium base layer. The shielding structure limits the encapsulant entering the chamber and the baffle directs the encapsulant away from the magnetic core thereby limiting an amount of the encapsulant that contacts the magnetic core within the chamber.

1459826969-a545ac83-a30e-4298-b699-e31f74d409ac

A tread portion includes land portions partitioned by circumferential grooves extending in a tire circumferential direction and lateral grooves extending in a tire width direction. Also provided is a fluorescent labeling agent to be used in vivo or in vitro, including the fluorescent labeling material, in which: EDC or the like is bound thereto through the amino group; and a substance capable of selectively binding to a target to be fluorescently labeled, such as an antibody, is linked thereto. ; and thereafter dismantling the magnetic field generator. In another embodiment, the underlay is disposed between the radial ply structure and the innerliner. The retention edges are capable of stopping the stop block. Queries are formulated from the user search and transferred to each selected supplier over a network coupling.

1459826970-00ae5260-2d8f-43d0-ab9a-025decab1bd0

A method and apparatus for managing data resources on a computing device. The inner wall forms a cavity including a delivery chamber from which a single dose of medication is ejected. The method includes initiating an encoding operation of the set of data bits according to a second error correcting code to generate computed parity bits. The plurality of high-illumination LED lamps are coupled in electronic communication with the printed circuit board via the one or more electrical connections.

1459826970-3da793f8-12ae-4023-8866-fd70baccb593

A system and method for managing a construction payment process. A selector shaft is disposed in the camshaft tube. The method also calculates a first expected bit error rate based on said at least first traffic statistics parameter, said available bit rate and said re-synchronization parameter, and admits said first broadcast transmission session if said first expected bit error rate is less than a first bit error rate threshold.

1459826970-88c1bbab-0103-4dd4-9548-5453dd7e776f

A method of generating an intermediate format for configuration values of telephony devices. This invention implements the smart antenna interface based on a single digital programmable counter. The electrical signal is converted into a readable format and is processed and stored in a computer. Another aspect of the invention is a non-metallic frame defining a forward open region and having a rearward region having a rearmost portion adapted for securement to a support member.

1459826970-8fdaf1c6-f985-41e5-85d0-aaa2fc37402b

A button fastening device for attachment within an opening in a duct base for securing elongate cables and the like as well as structural duct dividers thereto. At least one of double-row inner raceways of the bearing and a wheel mounting flange are formed on a hub ring. The example gas channel plate includes a heat exchange surface including a plurality of heat exchange structures separated from one another by intervening gaps. In response to the read command, the apparatus reads data from the memory cells, and outputs data to outside of the apparatus in response to the first clock signal via the other terminal except the command terminal. The grid is oriented on the cue stick so that the main neutral line is aligned with the cue stick's longitudinal axis. The phasor approximation circuit receives the variable envelope input signal and produces a bandlimited estimated phasor signal.

1459826971-03d8dde6-5e8c-446f-881c-50e1e1433b45

A radiation detectionimaging system includes a first set of radiation detectors spaced from each other in a first direction and a second set of radiation detectors spaced from each other in the first direction. Accordingly, there can be provided a solder jointing system for jointing solder layers of a semiconductor device, an electronic device, or the like to the wirings or the pads, which is capable of having a high processing ability and preventing re-oxidation. The cross-sectional profile of a lower portion of the duct is vertically elongated where the duct passes through the fiber column so as to facilitate the flow of the fiber column over the duct.

1459826971-1db87a35-55b1-4212-b310-9bd30edcf538

In a method of manufacturing an optical fiber base material including depositing soot generated by flame hydrolysis, the fluctuation band of the surface temperature of a burner fixing section including a burner holder and its fixture for burners for compounding the optical fiber base material is kept equal to or less than 80 degree C. Both plies are then passed between the first cylinder and a second series of small externally smooth coaxial cylinders of axis YY\u2032, the axes CC\u2032, XX\u2032; and YY\u2032 being horizontal and parallel. An intermediate member is displaceably mounted and supported on the element, and is in engagement with a cam lever of the camshaft, as well as the stroke transfer arrangement. In such a configuration, an upper limit current value is determined according to a laser output power command determination value, whereby an increased current to be supplied to the pumping means, i.

1459826971-57138bd7-902e-4f57-a649-d52bd4f5951e

A measuring device including a sensor that generates data representing a detected body parameter, such as body fat, body water and weight of an individual. The structure includes a light-guiding plate for receiving, from a light-incident surface, light coming from a light source, and for allowing the light to exit from a bottom surface; a reflective liquid crystal display panel opposed to the bottom surface of the light-guiding plate; and a prism disposed on the side of a top surface of an upper substrate of the liquid crystal display panel. The housing is configured to direct air from the air supply nozzle through the filter medium. The second power supply apparatus has a second connection interface. The valve is a gas restriction valve, a throttle valve, or a directional valve. A conductive layer is formed between the conductive THV and contact pads of the semiconductor die.

1459826971-963ff3fa-6565-4f74-a5c9-0b6523554b2c

A method for estimating a clock skew between a first clock and a second clock. The top frame is provided with a plurality of through slots for holding the barrels of the pistol-type sprinkler nozzles. The system also includes a transport arrangement for transporting the sample to the sensor surface, and a magnetic field inducing structure constructed and arranged to establish a magnetic field at and adjacent to the sensor surface. The structure is simple, compact and highly integrated, has high carrier mobility, and avoids polysilicon gate depletion and short channel effect. The polyelectrolyte layer is either chemically bonded to the anchoring layer or has a thickness of less than about 20 nanometers.

1459826972-8a969aba-660c-4d78-8997-f4f2998617f0

The invention provides methods of controlling environmental conditions within a fluidic system, where such environmental conditions can affect the operation of the system in its desired function, and fluidic channels, devices, and systems that are used in practicing these methods. The color-forming layer includes a leuco dye that can be developed upon exposure to energy to produce a developed color. In some embodiments, the tips are formed before the main portions of the probes and the tips are formed in proximity to or in contact with a temporary substrate. Upon updating notification, the route number is referred to to determine a stage number  $m$  of a transmission range and the updating notification is transmitted to a higher order router corresponding to the stage number  $m$ . Such events may be location-based, or based on other events or tasks scheduled by the user and other events or tasks scheduled by another user.

1459826972-c4c2cf53-98af-42b5-a4a0-8b81c16636d8

A data processing system enables a network of interconnected public access computers to act as a continuous transactional exchange for electronic advertising. In this way, light utilization efficiency and display luminance of the LCD are improved. Sealed portions 10 are formed in the opening end portions of the through channels 3 by the sealing material. Some of the conductive traces include bond sites carried by the projection and having an outer surface at a first distance from the first side of the support member. In order to avoid the phase uncertainty associated with electronic modulation, the quadrature servo feeds back a DC signal that is modulated mechanically by means of an interdigitated variable area electrostatic forcer. A motion detector associated with the capture device may provide a bit that is incorporated into the image data stream in place of image data, in one embodiment of the present invention.

1459826973-3778a6e5-bb96-43fb-bd27-afeaedf34700

A method for forming an integrated circuit with a semiconductor substrate is provided. The package is configured such that the integrated circuit device is disposed within the package, thus assuring that the device remains associated with the package's contents. The images displayed in the gallery may be obtained using different settings or different combinations of settings, and settings may be selected by selecting one or more images from each of several sequentially displayed galleries. In particular embodiments, portions of the graft are either self-expandable or balloon-expandable. In an embodiment, the final element is attached to the apparatus via the layer and/or edge barrier, which may be made of a material with a coefficient of thermal expansion lower than the coefficient of thermal expansion of the final element. One or both of the opposite first and second insert sidewalls and/or the insert bottom wall may reside within and be encapsulated by the seal body.

1459826973-4f22ecbf-bcba-4527-863c-d81908701b5d

An automatic warehouse includes a rack including vertically arranged shelves and traveling vehicles each of which is provided to a corresponding one of the shelves. The invention also is directed generally to methods for expressing an endogenous



gene in a cell at levels higher than those normally found in the cell. Further, the light source configured to include a first light source and a second light source disposed to cause light to be incident from an end portion surfaces of the first and the second rod shaped light guiding portions, respectively, and then configured to make each of the first light source and the second light source to emit a different color light with each other. In another embodiment, a timing circuit measures the instantaneous path delay profile drift incurred with each frequency correction, and integrates the instantaneous drift measurements over time to yield a path delay profile drift.

1459826973-e57f5970-87a4-4cd7-a55e-bc06ab2b409d

The present invention provides a method for coating an aluminum wheel using a coating composition capable of forming a coating film having a superior cosmetic property as well as an anticorrosive property much enough for preventing corrosion even in the use in an area where the coating film is susceptible to salt damage, and an aluminum wheel obtained by the method. A primary exhaust pipe portion 16 is connected to the exhaust manifold 14 via a spherical joint 18 provided close to the engine E. % is supplied into a reaction zone and into contact with the cerium-promoted zeolite beta having a silicaalumina mole ratio within the range of 50-150 and a cerium-aluminum ratio of 0. Pairs of child nodes are generated from the root node.

1459826974-01a7e640-3d71-4f68-8993-3e1b97afa76b

A capacitor structure which has generally pyramidal or stepped profile to prevent or reduce dielectric layer breakdown is disclosed. 3% or less, determined by the same method as the JAPAN TAPPI No. This end disk also comprises a supporting section which extends, relative to the filter member, in a ring shaped manner on the axially outer side of the end disk. Preferably, a user downloads e-mail messages from a server to the client device. Usage of the nanowire structure permits the phase change memory device to release its stress upon amorphization via the minimization of reset resistance and threshold resistance. Various embodiments provide systems, methods, and software that separate physical storage from logical storage of data.

1459826974-0c80c76d-91b9-4843-9194-dd1977a74160

A radio communications system includes radio devices, and antenna and an array antenna. Exemplary embodiments provide real time medical testing data to a cloud computing resource via middleware. The PTDDC intercepts and translates PTI port input to the requirements of a SATA disk drive connected to the DDI. A heat exchanger has a first side that receives the first flow and a second side that receives the second flow such that the second flow cools the first flow.

1459826974-152c613a-e88c-4554-822a-41709b5ab898

A window assembly includes a window frame and an exterior window treatment system mounted to the window frame. In some fiber lasers and amplifiers having large cores problems exist related to energy being generated at multiple-modes, and of mode hopping due to limited control of energy levels and fluctuations. An output shaft coupled to a lower end of the lamp unit can be rotated around its axis and slide in a direction perpendicular to the axis. Cables prepared using such methods are also disclosed.

1459826974-55bc191f-66df-42d7-b23f-2a043d5fa94b

Methods are provided for preparing and delivering an adjuvant for vaccines including lecithin and a polymer. Blue, yellow and brown pigments are illustrated. A system for continuously detecting contaminants dissolved in a carbon dioxide stream is also described.

1459826974-7c45050f-3c85-4586-9b34-75ac2cfadd1f

A method and system of generating performance metrics for network traffic being

transferred in and out of an intranet. Related systems and applications are also described. The drive linkage includes a drive and transmission attached to the drive motor. Each of those cell compartments houses an assembly element comprising a plurality of positive electrode plates and negative electrode plates stacked with separators placed between them.

1459826974-f3b60a74-9470-4818-950e-75121413167a

The invention that meets the needs identified above is a web browser plug-in or feature comprising a modification program, a configuration program, a table reduction program, algorithms and rules, that interacts with a web browser to analyze a web page for tables. This body has an intermediate curved section extending between two ends that curve inwardly. Two variations of tensioning assemblies are shown. The present invention more particularly relates to a means wherein impedance modification may advantageously be carried out as a function of the location of one or more conductive bridge along the length of a gap region. This can assist older users who often find their mobility hampered by declines in sensory, cognitive and motor abilities. The sheet feeding device rotates the pickup roller under a state in which the pickup roller abuts against a friction body, to thereby clean the pickup roller.

1459826975-1620271a-6ba6-4ff1-a46b-19eb0b3773b3

A vertical channel transistor includes a plurality of active pillar patterns extending perpendicularly from the top surface of the substrate toward an upper part. In addition, a method for reading an access token, verifying the validity of the access token, setting security policies in a computer system, and unlocking a computer system and a nonvolatile storage device attached to the computer system. The vibration noise signals are generated by the process, such as by operation of process control elements. The mixer comprises a plurality of controllable switches. The present invention then selects at least one reference baseline based on the characteristics of control subjects that do not have thalamocortical dysrhythmia and/or patients that have thalamocortical dysrhythmia. The surface active agent is poly trifluorobutyl methyl siloxane.

1459826976-45b373da-708a-4235-86aa-ed6133d26de2

The present invention provides compounds useful as inhibitors of protein kinase. The invention thus relates to the plants, seeds and tissue cultures of tomato hybrid EX15567631 and the parent lines thereof, and to methods for producing a tomato plant produced by crossing such plants with themselves or with another tomato plant, such as a plant of another genotype. A deployable rigidized, photon momentum transfer plane of sufficient thickness may then be inflated and filled with foam. This container allows individuals to show off their favorite team in a new and revolutionary way. The distal ends meet underneath the coupling area and are mounted to a non-rotating base.

1459826976-cbb462c7-5484-47d4-b751-156176fdb655

The invention includes a method and apparatus for providing SIP message prioritization between network elements along at least a portion of an end-to-end path between a SIP client and a SIP server. Video is provided by one or more surveillance cameras and recording devices to assist in visually identifying the bearer of WiFi-equipped mobile devices. The tube is sealed hermetically by a rubber cap with two drilled holes.

1459826977-94e2b00d-2600-4579-a3c1-507e5fdd525e

In one embodiment an input device is provided. A gradient detecting circuit detects a gradient on the basis of a wheel speed detected by a wheel speed detecting circuit. The spacers provide an aesthetically pleasing appearance to the wheel as well as provide support for the inner hub within the wheel.

1459826977-96a314db-76bd-4905-ac60-07035d976adb

Various technologies for delivering contextual television advertisement are described. 7 mm or less and largest size dimples having a diameter of 4. A waste collector has an upper segment which is fixed to the midsection and which adjoins an intermediate segment which is in turn connected to a waste receptacle. In addition, a user may modify parameters of a specific icon. This composition includes a caramel color and a thickening agent, and undergoes browning reactions upon microwave or conventional heating.

1459826977-ac1d69a1-c209-4914-861c-3257100543f9

Disclosed herein are techniques and systems for evaluating exercise performance of a user by utilizing one or more intelligent sensors, including at least one camera-based sensor configured to detect image data of the user. Write completion interrupts are queued until a write cache flush has been performed and are then sent to a host system. The control section provides a control communication path between the baseband processing module and the RF circuit. The sidewall defines a first gripper passage and a second gripper passage. Then, when the magnetic field is provided to the magnetic substance fixedly holding the SIL which is floating, the movement operation to separate the SIL to the higher position than the height of the foreign material from the information reading surface together with the magnetic substance, is conducted. After this, the interior of the chamber 1 containing no wafers W is cleaned by discharging Cl<sub>2</sub> gas as a cleaning gas from a shower head 10 into the chamber 1.

1459826978-7e98a95e-1eac-4128-a98c-969567eb7fb9

This application is related to co-pending application Ser. Specifically, images or frames in a video sequence are represented as collections of flat moving objects that change their appearance and shape over time, and can occlude each other over time. The microclimate model translates a set of climate and other environmental conditions into a set of microclimate conditions experienced by an animal, given a set of the animal's characteristics. The first active surface includes at least one conductive bond pad.

1459826978-7f0b4ad8-888d-4365-b3da-4328779ff992

A method of distributing a data over a network includes protecting the data as a protected document by encryption and watermarking, controlling access to the protected document based on permissions, checking for permissions from a database, recording a record of the step of checking in the database, and accessing the protected document if allowed per permissions from the step of checking. The mating mechanism comprises a first plate fixed to the display panel comprising a pair of prongs having an opening for receiving the pin of the mounting base, and a second plate movable coupled to the first plate, comprising a latch for securing the pin between the pair of prongs of the first plate. With the outputs from the terminals Q of the flip-flop circuits thus fixed, an operation of a shift mode is carried out. The devices may also be particularly suitable for use in pediatric populations where their absorption should not hinder growth, and provide in all patient populations wound healing with long-term mechanical stability. A viewing event may be arranged with users receiving invitations, responding to the invitations, and receiving reminders about the viewing event.

1459826978-a0c22dc8-5c40-4a98-93f7-52070a8e23a7

Known operating processes for an irradiation device for irradiating a substrate by a UV emitter include the process steps of: operating the UV emitter at a nominal operating radiation power; continuously feeding the substrate at a feed rate into the irradiation field; and irradiating the substrate in the irradiation field defined by the UV emitter. The ability to analyze such reactions provides an opportunity to study those reactions as well as to potentially identify factors and/or approaches for impacting such reactions, e. The first coupling part has an opening for at least the partial acceptance of the second coupling part. The write head also includes a coil formed from electrically conductive materials. The blood

flow measuring apparatus is suitable for use in a cardiac pacemaker.

1459826979-106fb1df-fcef-4c9e-a419-cfc167440d3d

Surgical robots and other telepresence systems have enhanced grip actuation for manipulating tissues and objects with small sizes. The output module is configured to output a plurality of acoustic signals. The vertical wall is continuous with no steps. The height of a top face thereof is larger than twice the height of a top face of the side sill, which is more than twice the height of a top face of a rear end portion of the floor tunnel.

1459826979-160ee649-8fb3-448d-a4b3-5f6a6d7b8c7c

A contamination-free apparatus is provided for moving and drying coated photoreceptors. A detachable daughter card may be coupled to the memory module for converting a memory bus voltage to a second voltage for memory devices on the memory module. The heat engine system also includes a start-up mechanism configured for inducing initial movement of the element in a desired operational direction to thereby start the heat engine. A preferred embodiment of the engine includes a pair of turbines mounted symmetrically about an expeller along a single shaft.

1459826979-cfa15edb-4f50-4916-9846-779a9eabedb5

New fluid separation devices and absorption materials are disclosed. The main panel 200 has a plurality of gate bus lines 24, source bus lines 16, TFTs 25 and pixel electrodes, each of the source bus lines 16 being connected to the corresponding source bus lines 16 of the first liquid crystal panel 10 through a switching TFT 17. As a result, a switch or other such entity may send a signaling message to a central controller, thereby providing the central controller with an indication of the mobile station's current location. The audio processing system may adapt the front and/or rear audio signal channels based on the determined loudness and localization. The uniformly-spaced mounting portions are achieved by providing neck portions, attached to the mounting portions, angled with different degrees with respect to respective planes of base portions of terminals in the plug connector and the receptacle connector. A redesigned hanger, a large ball pivot, a load-redirecting pivot cup, a tapered kingpin and other improvements give the hanger a high kingpin ratio and a high angle of mechanical advantage, thereby improving the performance and turning characteristics of the truck.

1459826979-db1c52a0-f5ce-428e-9ecf-cc2b7f068ea9

A mobile terminal comprising a frame, a flexible circuit wrapped around a portion of an edge of the frame, and a bracket located at an appropriate location between the frame and the flexible circuit along the edge of the frame. The selection of gates for replacement may be based on a multi-path timing analysis. Further, a communication apparatus which reduces a control packet on a communication line is provided. One or both of the main body and cap portions may include a bore to receive a fastener for attaching to an end of the inserted load cell, and both portions include a bore oriented to receive a pin of a mating dual link of the conveyor chain. The washing machine comprises a rotatable drum that receives laundry, a motor that rotates the drum, a balancer that is connected to the drum, the balancer changing a center of gravity of the drum, and a controller that rotates the motor at a constant rotational speed and then calculates a temperature of the balancer based on a period of a variation in rotational speed of the motor.

1459826980-692b24fd-f01c-4265-a3dc-93d5e6848306

A method for fabricating a ferroelectric capacitor of a semiconductor device is disclosed. The order in which choices are presented in these modes may differ from a mode in which they would be presented to an experienced or fully-sighted user. A gate layer is formed over the high-k gate dielectric layer. The 12-volt external source may also be used to recharge the rechargeable batteries. The first switch is disposed on the housing and has a controller.

1459826980-af9985ef-2b3d-4a0e-8daa-13318eb4bfcb

The present invention is directed to processes for preparing supported metal catalysts comprising one or more catalytically active metals applied to a porous catalyst support and to processes that use such catalysts. The second antenna group includes individually-controllable, longitudinal second antenna elements. When the identification device 4 receives an electromagnetic wave from a trap operation diagnosing device, a rectifier 46 derives DC power from the electromagnetic wave, which DC power drives the memory 47 and a modulator 48 so that an electromagnetic wave containing the trap identification data can be sent to the operation diagnosing device. The silicon carbide conductive layers can comprise doped silicon carbide, or alternately thermally oxidized silicon carbide. The side sections enter into a receiving pocket enclosed by the main segment when the length of the pull-out profile is reduced.

1459826980-ba1bf332-d39d-43de-9c66-ae27c76b6dba

The present invention relates to shape deformable materials, which are capable of being deformed, storing an amount of shape deformation, and recovering at least a portion of the shape deformation when exposed to a humid environment. The compounds are useful in the treatment and prophylaxis of diseases caused by parasites or bacteria. In connection with a browser-based display of a synchronized multimedia presentation, the browser displays a navigation bar labelled with the text-based elements. Of course, other combination and claims are provided as well. Lastly, the method includes selecting the communication network for accessing a requested service if the service information matches the service-related datum.

1459826981-9dc046e7-0579-4f04-b8e2-7c7c32f0fa78

The present invention discloses a LED luminance control circuit comprising one or several LEDs and a driving circuit, the driving circuit being connected in series with said one or several LEDs to provide energy to the one or several LEDs, wherein a control circuit is connected in parallel on both terminals of said one or several LEDs and controls on/off of the LEDs connected in parallel thereto. An insulating layer is provided on the one side of the base member around the semiconductor constructing body. The fiber has a hollow form similar to that of natural fur, is excellent in terms of bulkiness, a lightweight feeling and warmth retention, and can be used as down hairs in pile products. Magnetic flux selectively pulls the armature toward opposite sides of the main axis causing it and the valve member to pivot in the flexure pivot such that an end of the valve member moves toward or away from an orifice in a nozzle passageway to control metering. In the first wiping, while liquid is forcibly ejected from the ejection face, the wiper moves along the ejection face while being in contact with the ejection face. In the open loop mode, the sender transmits multicast data streams to all multicast addresses continuously.

1459826981-aee71335-28c7-453a-af13-422180564b46

A method for managing a flow of information in an object oriented software environment. A second spacer layer is formed on the first spacer layer. These systems may also include a special pointer register whose value identifies a location in user memory or in dedicated on-chip storage at which a copy of a register's value should be saved by a checkpointing operation. A shampooing head on the end of the barrel has first and second orifices connected to the barrel and to the tube, respectively; and the respective first and second orifices are independent of each other and are arranged intermediately of the bristles on the shampooing head.

1459826981-d27bc1c0-fbd6-4782-9340-fa96650fda25

Embodiments relate to systems and methods for detecting register corruption within CPUs operating on the same input data enabling non-invasive read access to and comparison of contents of at least one set of according ones of registers of different CPUs to detect corrupted registers in form of according registers with

inconsistent contents. The methods involve generating at least two different magnetic field pulse sequences. A first user input device is moveable between a neutral position and a non-neutral detent position.

1459826981-e0d09aa3-7d77-4f45-ba7d-c796420f3d8d

A dispatch service is provided for a cordless communication system. A power island is surrounded by a plurality of mixed AI-EBG structures to provide a power distribution network. An anti-cancer therapeutic agent containing an IGF-1 receptor ligand linked to a toxin is also provided, as are methods of using the toxin conjugates for treatment of cancer. Further, there is provided a test system for the quantitative determination of parathyroid hormone and active fragments hereof in a sample. This system is particularly suitable for use in ADSL and VDSL modems which can be used to give broad band access over copper networks.

1459826982-0c8f398a-f88e-4167-b7f5-29c41b99ae21

An automobile roof top carrier for securing equipment to an automobile rooftop includes a body made from a resilient material having a plurality of protrusions disposed about a top surface. The device is comprised of a combination of a remote armsafe mechanism, a remote deployment controller, spikesnare deployment mechanism, a \u201cspeed bump\u201d type housing that can protrude or be submerged, and one or more snares with a plurality of spikes. Using the transmitted network-specific information of the caller, a current locality information of the caller is determined by a network-specific location information server. The pixel unit includes a pixel electrode and a TFT.

1459826982-1fe6d7a1-60e3-4c25-9682-9d0e3e92dcff

The present invention provides an adeno-associated virus 5 virus and vectors and particles derived therefrom. Also disclosed are methods for making the cell culture article and methods for performing an assay of a ligand with the article. In the above manner, a fatigue resistance of the ferroelectric capacitor is increased substantially. In a second embodiment, resistors within the attenuation circuit are selectively grounded to vary the amount of attenuation between the input pin and the output pin. At least one cluster is generated and includes at least one of the plurality of identified programs based on the determined relationship.

1459826982-41e9d99b-aac5-4361-b7ba-c521899ea976

A CT imaging system includes a gantry and a table in a movable relationship with the gantry. When the cumulative credit consumption of a certain player reaches a predetermined upper limit, return is executed to this player. The fan shroud comprises a covering portion having an opening disposed therethrough.

1459826982-75c7b471-7b65-4dd4-8043-3f167a28ae6a

A new Aubrieta plant named \u2018Aubnere\u2019 particularly distinguished by the large, vibrant purple-violet flower color, compact and mounded plant habit that is early flowering, and has a longer flowering period. The beads provide an ergonomically pleasing sensation to the user and further provide an element of amusement to the user. The solvent or mixture of solvents is unevenly distributed between the polymer matrices. The bone plate is disposed at the proximal rear end of the intramedullary pin and lies in contact with the greater trochanter.

1459826982-ce2f56b9-7b19-4000-8cdc-24266c56c32c

A supported polymerisation catalyst system comprises a porous support, a polymerisation catalyst and a cocatalyst wherein the support has been treated with an inert material such as polyisobutene. Each session contains its own unique RLP sequence numbers that are not shared. 5 nm, and providing a reflection layer composed of a noble metal alloy, achieved is a magneto-optical recording medium able to record constantly in near-field magneto-optical recording, suitable for narrow track pitch, and having excellent SNR, resolution, and recording sensitivity. The memory control unit configured to store the externally input data

classified by the data classification unit as busy data in the high-speed nonvolatile memory, and to store the externally input data classified by the data classification unit as free data in the low-speed nonvolatile memory.

1459826982-f4a6aa75-8a6d-4bd2-bf48-8df5d562331e

An eye-use steam-generating heating sheet contains a steam-generating composition, which is covered with at least a first moisture-permeable sheet and a second moisture-permeable sheet in that order. An MZI-based SISCAP modulator is responsive to an incoming high frequency electrical signal and is biased in a region where the capacitance of the device is essentially constant and the transform function of the MZI is linear. The serial data source that frames serial data drives a serial port in an exclusive manner. A mux is also provided between the trace cache and the instruction execution pipeline to select a next instruction to be loaded into the instruction execution pipeline from the trace cache based, in part, on a branch result fed back to the mux from the instruction execution pipeline. The secondary conductor is formed using design guidelines such that it provides the required electrical connectivity when the primary conductor is not present but minimally interferes with the RF performance of the primary conductor.

1459826983-00bd8fa5-66c1-4ac4-a449-d265cd4a9ab8

A vehicle body lower structure includes a gadget that couples a cross member and a center pillar to each other. The semiconductor light emitting device is positioned on a top side of the submount with a solder material and a flux therebetween to provide an assembled stack that has not been reflowed. The no-power optical group includes the wavelength selecting device for making short wavelength light be selectively substantially non-transparent. satisfy a specific formula, and a sheet or film obtained therefrom.

1459826983-4c6719b8-a627-49d0-a4db-390c3c4cb924

A gradient charged particle beam apparatus capable of moving highly accurately to a specific position by eliminating influences of warp inside a wafer surface is provided. The path expressions are composed from tokens selected from the group consisting of object identifiers, attribute identifiers, a relationship operator, and path qualifiers. The carrier module is then plugged into the test head of the test system. Light emitted at other angles does not impinge on the external mirror.

1459826983-6b97aab9-9d7c-4eba-8b64-62fa91cbc7c5

The present invention relates to noble metal-containing catalysts which are composed of at least one organicingorganic hybrid material which is composed of at least one titanium component and at least one Si\u2014H group. The film may be formed in any convenient manner, such as by chemical vapor deposition techniques, which may be followed by an anneal to better define and/or crystallize the at least two phases. The microcomputer estimates a time period required for the operator to watch a screen to operate the dummy switch, depending on the displayed screen. By providing a visual display of the uncertainty, a user can make better geosteering decisions. The method adjusts the voltage at an end of a capacitor connected to a gate of a metal oxide semiconductor transistor serially connected to the OLED when the MOS transistor is actuated and emits the currents for the OLED to emit light. The system includes a transmission line structure including three or more elongated transmission elements each having two distal ends.

1459826983-ffd57287-956d-4d2f-9e99-9ab495b84d0e

In a die plate having a hardened surface for sliding a knife, a plurality of WC alloy plates 1b are diffusion-bonded to a base metal 2b, whereby the hardened surface h is formed. The apparatus includes fetch logic, and translation logic. A first light source is positioned within the first socket and a second light source is positioned within the second socket, wherein more light sources are used for additional sockets.

1459826984-38e744bf-c9f4-4b03-a65a-63fec458de0a

A maintenance facility for an inkjet printer that has a printhead with an array of nozzles defined in a nozzle face. The catheter is particularly adapted for introduction into the pulmonary system. The first and second portions are communicatively coupled by data lines extending across the portions. Second multiplexers are included, each of which is configured to receive an output of a plurality of the first multiplexers. A utensil basket utilizing the method of the instant invention is also provided.

1459826984-69cfe250-236d-4b9b-82d6-07b604e35627

A wire arrangement mechanism including a guiding slot and an arranging slot is formed on a fan frame. Experimental design is employed to select a set of training points that provide the best information. The housing includes a mounting sleeve that is rotatably attached to the base section. In one non-limiting embodiment the acid may be a polyamino carboxylic acid. Various jumper terminals and connecting wires provide for programming of the system to accommodate a variety of applications.

1459826984-70199128-4ca4-47a8-befb-9188be22e617

A null direction control method allows optimum antenna weights forming designated null beam directions without calculating an inverse matrix. The system comprises the endoscopic accessory with a working end to be placed at the distal end of the endoscope, a control sheath extending proximally external to the endoscope and a control handle joined to the proximal end of the control sheath. The session credentials themselves may include metadata that may be used in determining whether to fulfill requests to access the one or more computing resources. When assembling, the drive bracket stays in the chassis, the confining patch is engaging in the confining hole, the elastic patch presses the baffle; when disassembling the drive bracket is pushed outwardly by the elastic patch pressing the baffle.

1459826985-15e1c7fb-5b08-40c5-9f2c-f1d8aa15ccd9

A rolling bearing includes: a first raceway member having a first annular raceway surface; a second raceway member having a second annular raceway surface opposing the first raceway surface; a plurality of rolling elements arranged between the first raceway surface and the second raceway surface so as to roll; and a guide member formed integrally with or separately from the second raceway surface. A geographically accurate street map is populated with the geographic location of the network component, the geographic location of the terminal network element, and the estimated geographic path. In one implementation, the device evaluates the amount of energy in a certain frequency band located near a selected null of the RF spectrum.

1459826985-1e815c17-17cd-4411-a7f7-395a8133f07b

The invention provides methods to detect molecular recognition events. In one embodiment, a method for aligning an electronic feature to a through-substrate via includes forming a self-aligned alignment feature having a wall around at least a portion of the TSV and aligning a photolithography tool to the self-aligned alignment feature. The present invention is applicable to network devices in a communications network. The controller stops the engine when the overturn signal persists for longer than a predetermined period of time while the engine is operating below the preset engine speed. The wafer tilt apparatus uses the endpoint signal in establishing when the wafer was in a tilted orientation during processing. Key advantages are hermeticity, vertical vias, vertical and horizontal gap capability, single crystal materials, wafer level packaging, small size, high performance and low cost.

1459826985-360767ac-f81f-4aec-958b-c64c6465a245

A device scans text of an image media and generates text data corresponding to the scanned text. A micro-generator coupled to a rotatably mounted shaft is positioned



in the housing. A pump is provided below the bottom of the tank to feed the drill cuttings through an unloading line. An analytical diagnosing processing of diagnostic data information for each diagnostic item is conducted by referring to an allowance value of each diagnostic item and to a maintenance record inclusive of the diagnostic result to judge whether the valve apparatus is normal or abnormal to further conduct degradation estimation. When the notches are engaged in the slits the transverse rod is fixated such that it will not move sideward in relation to the longitudinal direction of the conveyor belt. The illumination wiring arrangement includes a first wiring unit including a connector plug provided at a first connector end of a first post of the main frame to electrically connect to the illumination system.

1459826985-606a7f8f-af18-472b-bbab-396d7a59f667

A system and method for printing images for use in an authentication document from a plurality of different printers and/or capture devices. The base fabric comprises at least a first planar component, which includes a first transverse joining edge area and a second transverse joining edge area. During laser cutting in the second line, said peripheral blank is held and maintained in position by said at least one holding apparatus.

1459826985-ccfb34b1-49f3-48a4-bc25-22f95f980ff7

In a method for prescribing an essentially linear ramp with a prescribable slope by a quantity, and which is clock-pulse-controlled and which describes the ramp by an increment per clock interval, the ramp is described by a number of regular increments and by at least one first and one second irregular increment. The feeder has a base that can be buried in sand or crushed coral in an aquarium. Diagnostic DNA sequences are presented so that DNA based tests for the presence of the obesity associated virus can be conducted.

1459826986-0b3664ea-3291-4d8e-ba62-84a029ddbf4f

The present invention provides systems and methods for secure transaction management and electronic rights protection. The layers are patterned lithographically to form first elevated structure elements on the substrate with a first degree of transmission and second structure elements with a second degree of transmission, where the second degree of transmission is different from the first degree of transmission. The semiconductor component substantially completely overlaps the region of the cooling channel comprising the microstructures. 25 to cooperate with a standard Gigabit Ethernet 50  $\mu$ m graded-index fiber jumper between each individual transmitter interface and the fiber bundle, and with a standard Gigabit Ethernet 62.

1459826986-5102e7e9-db56-4637-aae3-4db039fe5ddd

An active memory device includes a command engine that receives high level tasks from a host and generates corresponding sets of either DCU commands to a DRAM control unit or ACU commands to a processing array control unit. A voice coil, connected to the loudspeaker's diaphragm, is free to reciprocate within the flux gap. The cover is configured to engagingly fit over the base. The first layer includes amorphous carbon. The two positioning signals have carrier frequencies offset from one another by an offset that is less than approximately twenty-five percent of the bandwidth of each positioning signal of the two positioning signals.

1459826986-65667441-8cca-43b1-a3d2-3b30bc551a01

An encrypted broadcast messaging system determines the management crypto-keys held by each selected subscriber device and not held by each excluded subscriber device of a group. The bracket has a lug and a plate attached to the base. An anionic poly-electrolyte can be added to the resulting slurry. The upper and lower interlocking members may be designed to press the panels against the building surface and to hide the locations of screws or other attachment devices when the interlocking members are engaged. Portions of the 4\201320 mA current not required

to power the external device may be shunted to ground, or may be driven back through the DCDC converter, to thereby present a negative impedance to the 4 mA current. The flow channel projects outwardly from the exterior of the cassette so that a peristaltic pump having pump head rollers mounted radially from the axis of rotation of the pump motor compress the elastomeric flow channels against the rigid substrate during operation.

1459826987-459c2d64-1f30-47b1-b569-72cd6bfdf7fa

A control system controls a physical layer quality of user data transmitted between first and second ends of a serial bus. When the radio modem terminal is not connected to a notebook computer, it can be used as a mobile communication terminal, using a power supply unit as its primary power source. The selected data is processed to predict future values of a time series associated with backend response time. The water, now containing extracted coffee chemicals, is collected in a coffee vessel. The pivot pin may selectively engage the first and second apertures to provide relative rotation between the first and second hinge portions.

1459826987-7c88c72d-ebf3-484f-82c0-c2c40c882686

A non-noble metal based catalyst includes a compound represented by Formula 1:  $ZrM_bO_xNy$  where M is at least one element selected from Group 4 elements through Group 12 elements, a is a number in the range of about 1 to about 8, b is a number in the range of 1 to 8, x is a number in the range of about 0. These facilities allow initialization software to quickly bring the two processors to the same state by rapid, repeated resets and execution of the initialization software. A method of conducting a wagering activity includes providing a player with a plurality of differing games of chance, at least some of which are mutually concurrently playable on a single screen display of a gaming device and enabling mutually concurrent play of the plurality of differing games of chance on the single screen display. Inlet and outlet air vents are covered by porous foam to reduce fogging in an outdoor environment. The electrostatic pattern can be used to bend or split the molecule while the molecule remains captured by the set of proximal probes, thereby allowing the system to engage the molecule in chemical reactions, e.

1459826988-363fc06d-abd5-458b-91b1-35aed1398cdd

A new and distinct cultivar of Penstemon plant named 'Blue Riding Hood', characterized by its upright and compact plant habit; vigorous growth habit; freely flowering habit; blue and violet blue-colored flowers arranged on strong flowering stems; and good garden performance. At least one of the first motor and the second motor has as many teeth as the number of phases of the motor multiplied by an integer, and the  $M \times d/7N$  coils of the motor are wound around the teeth by equal to or more than two coils for each of the teeth. Subsequent to the performing, the series of the two or more drawing operations is displayed in a history list of drawing operations. A reciprocating member engages the elongate cam slot and is extendable to a sealing position with respect to each of the electrodes to define a predetermined gap distance between a particular electrode and an opposing tissue clamping surface. The electronic module includes a casing and a fastening implement connected to the casing. The method comprises combining the PHA, a first solvent and a second solvent to form a combination, the first solvent and the second solvent being capable of forming an azeotrope with the second solvent; and heating the combination to substantially remove the first solvent from the combination.

1459826988-ac038e90-5560-40a8-a80a-3beb64fc49d0

A flash memory cell can be read by selecting a local bit line. In a particular embodiment a semiconductor wafer substrate is prepared and a conductor layer is provided upon the wafer. At least one task menu, specific to the object class selection is provided. and the logic employed by the DVD drive allows for random or specific selections to be played at predetermined times, such as displaying a clip during the flipping process of a dual-sided DVD disk. The guiding member has a

multi-route circle groove, which has a first route, a second route, a third route, and a fourth route in turn.

1459826988-c25e7231-e31e-4e81-ac8a-33deba88a59c

The instant invention provides nucleic acid molecules encoding insect ethanolamine kinase, as well as ethanolamine kinase encoded thereby. The internal combustion engine includes a chamber having a primary piston and a secondary piston with a combustion portion of the chamber situated adjacently between the primary piston and secondary piston. The inclusions and their concentrations are detected at the measurement surface using either an electrostatic detection system or an optical detection system. Methods are provided for identifying reagents that modulate MKK function or activity and for the use of such reagents in the treatment of MKK-mediated disorders. Software manages the SRAM and the other storage assembly components and makes use of virtual paging or virtual addressing techniques to keep track of where various pages, including object store pages, are stored in the system. The controller is operably connected thereto and is adapted to be powered off when the magnetic resonance imager is being used to collect images.

1459826988-ca000f61-bf0a-43c8-8c04-34f4f17fa91d

An information processing method and an electronic device are disclosed. The information processor has a normal power mode and a power saving mode. Retainers of the proposed bridge are shaped and positioned to abut the adjacent teeth. A bit rearranging unit is placed in the path of the data. Inbred maize lines derived from inbred maize line PHB6R, methods for producing other inbred maize lines derived from inbred maize line PHB6R and the inbred maize lines and their parts derived by the use of those methods. The invention also relates to a safety cut-off for any type of device for domestic use which is designed to produce pressurized steam for different purposes, such as to avoid the risk of accidents by scalding when filling with water, when pressurized steam exists in the steam chamber.

1459826988-ffe7e29c-0299-4666-bad3-bd918ce53caf

This invention relates, at least in part, to compositions comprising synthetic nanocarriers and immunosuppressants that result in immune suppressive effects. The proxy server transmits an outgoing request for the action to be performed on the identified resource to a network address of the destination origin server in a second packet that is of the second protocol version type. The second step is to test the purity of at least one sample from the purified organic small molecule material by spectroscopy. The condenser column includes a non-wetting surface.

1459826989-77d622b7-b8bb-420c-9ffe-13ef3cbdbafb

What is provided is a fixation system that offers a strong and stable construct for maximum fusion augmentation and yet is versatile enough for any patient and is easy to use. A screen structure of the monitor is pivotable about an upper edge thereof, such that the monitor occupies little volume within the headrest. Furthermore, because the image beam is no longer due to the elimination of the flyback period, the scanned image is often brighter for a given beam intensity.

1459826989-7c7c27c2-ce57-4948-8aca-b1094c9fa54e

A display device includes a plurality of pixels each including a mechanical shutter. The latter acquires user priority or application priority on the basis of the reported identifier and, in accordance with the priority, controls the router on the communication path between the communication terminal and the server. The pigment dispersant has an acid value of from 30 to 300 mgKOH/g, a number average molecular weight of from 5,000 to 30,000, and a content of organic compounds, boiling points of which are not higher than 250°C. A controller halts the print head mechanism, when the operating rate exceeds the threshold operating rate, for a halting time period corresponding to an excess amount of the operating rate. When the device includes an optional separate applicator with pins for delivering a specimen to a surface, such as a slide, the device can be used in a method for

making microarrays.

1459826989-db44908d-67c1-424c-ae74-f5240c7d6d40

A modular telephone plug includes an elongated housing, a connector module and a flexible engaging tab. Phase-locked loops may include an oscillator, a phase-frequency detector, a charge pump, a loop filter, a voltage-controlled oscillator, and a programmable divider. The TRIAC dimmer controller compares the detected current with a threshold current value called a TRIAC holding current, and adjusts the amount of bleeder current based on the difference between the detected current and the threshold current value. In different aspects, the apparatuses may be configured to generate white light and/or multicolor light, may be formed to resemble conventional light bulbs, and may be arranged as a linear chain of nodes. When the data of the first data address is being accessed, the decoding process will begin for a second data address. The meta-data information may include information describing conditions under which the image was acquired, captured and/or digitized, acquisition device-specific information, and film information.

1459826989-f90b3496-8ed4-4bb8-b99c-baca56344b8c

A surgical implant suitable for treatment of a prolapse is provided. A dispenser which is secured pivotably on a pivot axis between two limit positions, is shaped and dimensioned so that in one limit position it completely covers the viewing window and in the other limit position completely exposes the viewing window. The method also comprises detecting when the mobile device has moved away from the computer, and logging the user off of the computer upon detecting that the mobile device has moved away from the computer. A sample mount and a sample affixed on it can be rotated by a motor in the range of 0 to 360 on an axis extending in the Y direction which differs from the direction of the electron beam incidence. Changeover of the connection target is performed transparently with respect to the host 1 and so is not recognized by the host 1. Thereby, there can be provided a water for storing a silicon wafer, a method for storing it, a water for showering it and a method for showering it wherein degradation of the wafer quality can be prevented.

1459826990-1eac120d-e041-41b1-891a-8867d5d62a7a

A computing device boot-up method begins by a processing module detecting a boot-up of the computing device. A statistics file is generated while transcoding a first output file of the set. The first and second conduits are separate tubes having respective bores that are separated from one another over their entire lengths, the inlet of the engine is operatively connected to the air filter via the first conduit, and an air duct window of the engine is operatively connected to the air filter via the second conduit. Accordingly, at least one of the plurality of semiconductor films formed over one base substrate has a crystal plane orientation different from that of the other semiconductor films. Presenting the user-defined graphical object can include selectively presenting information associated with the user-defined graphical object based on user settings, such as abstraction information that can define an abstraction level for presenting the user-defined graphical object. If the host is required to be quarantined, the host is provided only limited access to the protected network.

1459826990-e9e37bee-874b-4c7c-8f3e-73c61874a6d1

A closing device for a flap on an incubator hood or thermotherapy apparatus hood is equipped with flaps, which make access possible to the premature or newborn baby from the outside. The chemical vapor deposited film is formed by a plasma CVD method such that the concentration of the oxygen atoms is 10-35% by element. A waveguide comprises a plurality of waveguide segments with each of the plurality of waveguide segments comprising a tapered end and being adjacent to at least one other of the plurality of waveguide segments. The encounter object may include information about the transmission itself, such as a date and time when the media object was transmitted and the source and destination media players involved.

1459826991-4a16d51e-bf5f-4372-a766-fa66c7980b72

The landing gear system for an aircraft includes a shock strut assembly that is coupled to the airframe with a universal joint. The system function relies on a photonic tunable delay line, which consists on an optical Mach-Zehnder interferometer with a predefined time delay difference between arms. In the lowered position, the end of the plant chassis is standing on the ground adjacent thereto. Methods of making and using these genes and proteins are disclosed as well as methods for the recombinant expression, and transformation of suitable host cells. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which CGRP is involved. Also provided herewith are compositions useful for treatment of c-kit mediated diseases or conditions and/or c-fms-mediated diseases or conditions, and methods for the use thereof.

1459826991-849ca168-3476-4061-9d9b-593804cb6826

A system and method for configuring expansion bus links to generate a double-bandwidth link slot are disclosed. The coil electrode section is sandwiched by the first magnetic layer and the second magnetic layer from both directions substantially perpendicular to the plane. A plurality of charge signals detected by the charge coupled device is sequentially output to the pixel processor according to the driving sequence. The apparatus employs centrifugal force to urge portions of the plant material into engagement with the drum's cylindrical side and the openings therethrough so as to allow bring the brush rollers to mechanically shred and destem the plant material.

1459826991-ac8495bd-9018-4bce-8bf1-24cf9e1c3840

A method of synthesizing magnetic nanoparticles comprising soft magnetic phases is provided, wherein the method comprises degassing a first mixture at a temperature in a range from about 80°C. Tokens are identified in unformatted source code, which contains simple statements. The assembly further comprises two cup members, each cup member being coupled to each respective cap member. Location information input through a location input unit corresponding to the printed image information is compared with the URL region information to select an extracted hyperlinked URL corresponding to the input location information. Additionally the waterbox includes an inlet or a plurality of inlets for introduction of mixture into the pond area located below the pond level. The server may update analytics information related to the receptacle, determine a future pickup schedule for the receptacle based upon the updated analytics information, and transmit a schedule update message based upon the future schedule.

1459826991-b1280dbc-9e18-4fbc-8006-f957bd39e0d9

A system assesses one or more applications for retirement. Fast fourier transform digital filters are used to provide a frequency spectrum of the sum and difference I. A driving magnet is arranged at an outer side of the driven rotating member and is attached to the magnet holder. A slip is set at the converter lockup clutch, and a speed of the electric motor is then increased. The first interface is arranged to connect the computers, and the first interface has a port for connecting a network interface of the computers.

1459826991-ee01a08c-547a-47a4-8013-99a2f9035b6f

Aerosol delivery systems and methods for delivering an agent to a patient are described herein. The method comprises the steps of depositing on a first layer to be polished a second layer, the physical properties of the first layer being different from the physical properties of the second layer. The refractive index of the inner portion of the clad layer is lower than that at the outer radius of the core region. At least one of the cut metal sheets comprises several parallel strips having different strengths while each local reinforcement zone lies within a reinforced strip.

1459826992-141338a1-8bb8-4687-846a-f6716ac8ba75

A process for preparing a homogeneous, solid cleaning composition that comprises a cleaning agent, and optionally an additive agent and a hardening agent is provided. A variation uses the method in a cellular radio system. The growth mode control layer is formed by sputtering or vacuum deposition in an atmospheric gas, using a metal selected from a group of Ti, Mo, V, Nb, and W.

1459826992-2f046052-5c97-4f17-ba0d-1bb56542480a

Methods and apparatus for resolving frequency errors in a wireless device transitioning from a first communication network to a second communication network are disclosed. In one such embodiment, the gaming device enables a player to selectively apply or associate a plurality of modifiers to a single game component or apply the plurality of modifiers across the plurality of game components. The thinned regions may be shaped as slots having a specific width, length, end shape, spacing from each adjacent slot, and depth into the metal sheet. Cross-pleated membrane cartridges comprising water-permeable membranes can be used in a variety of applications, including in heat and water vapor exchangers.

1459826992-7c704681-f030-465e-8321-663f9080a544

The present invention provides substituted puleganic amides and compositions thereof, which are both useful as a topical treatment for skin, such as a repellant for insects and arthropods. The defroster can be fabricated by forming a masking layer with a certain shape on an electrically resistant substrate; patterning a thin film heater on the substrate based on the shape of the masking layer; adhering the film heater to a heat transfer plate; and connecting a power supply to the film heater. With this, clustering is achieved, which also works efficiently and correctly where there are segments with strongly different or almost equal combined similarity values. In this case, it is possible to regulate particular services which use packet communication, while it is also possible to avoid regulating particular services. A control unit is connected to the current meter and the electronic circuit, for controlling the electronic circuit based on the measured parameter. A plasticized layer is applied to an end face of each bone and coacts in substantially frictional reducing fashion with an opposing end face of a further selected bone.

1459826992-95492948-51f7-41d1-b7dd-dbb28c180256

An ultrafast laser machining system and method to form diffractive structures in optical fibers. An example of an apparatus in accordance with the present invention includes two broad functional components: 1) tables of translation information stored within a database and 2) application software. This technique may be utilized to perform a variety of different testing of a touchscreen device, such as to test latency and probabilistic latency. A linear actuator, having a motion axis parallel to the torque tube, drives the torque tube, through a linear-rotary convertor. Thus, if the transmission capacity at the node decreases and the quality requirement of a data stream cannot be maintained, the data stream in question is shunted.

1459826992-e9ef11f3-4710-4140-baad-caa2e2a09d26

The invention relates to a variant of a parent Fungamyl-like fungal alpha-amylase, which exhibits improved thermal stability at acidic pH suitable for, e. At least two bobbins per stand are provided. The method comprises transmitting an image through the optical tissues of the eye. A sealing zone is disposed between the first section and the second section. The housing is formed to include an exit port spaced apart from the tray. The memory address and the secure storage area can be compared to determine whether the at least one data block falls within the secure storage area.

1459826993-1c7e4114-fafc-46d1-9eb9-1018d7ef9ae1

An apparatus for forming pressed food products can utilize up to 98% chicken breast meat in high profit margin products. Generally, such apparatus may include a volume Bragg grating element that receives input light generated by a light-emitting device, conditions one or more characteristics of the input light, and causes the light-emitting device to generate light having the one or more characteristics of the conditioned light. The characteristic may be an attribute.

1459826993-a85318f3-3d67-4bf9-be26-713ec88cef89

A semiconductor device of the invention comprises a logic circuit to which a power supply voltage, a sub-power supply voltage lower than the power supply voltage, a ground voltage and a sub-ground voltage higher than the ground voltage are supplied; a main power supply line supplying the power supply voltage; and a main ground line supplying the ground voltage. A wrench head is pivotally mounted in each yoke, and each wrench head has two sets of wrenching surfaces. The open end of the suck-back chamber is closed by a second diaphragm. The electrically conductive and electrically non-conductive ceramic materials are chosen so that they have the similar thermal expansion coefficients so that the sensor remains virtually stress free at high temperatures. The vehicle includes an outlet for flowing water passing through the filter bag back into the pool.

1459826993-f141569c-cb80-4e26-af1c-e17767316458

The present invention provides ceramic powder capable of being incorporated into rubber or a resin for the preparation of a composition, which shows excellent heat resistance and flame retardancy and which is used, for instance, as a semiconductor-sealing material. A portion of the videotelephony image is selected to be zoomed and re-transmission of the videotelephony image source is limited by preventing instructions to zoom the defined portion from being transmitted to the videotelephony image source. Such portion may be associated with an interference signal that includes a first electromagnetic radiation received from the sample and a second electro-magnetic radiation received from a reference. The second block 5 includes a second member 52, 53 arranged to be slidably inserted into the first member.

1459826993-fd07d1f4-4494-4cc2-8b41-de2333d4be1a

A wet clutch includes a rotatable hub and a rotatable drum having an aperture extending therethrough. This compound is a tetrazolato-bridged platinum complex compound represented by the following formula, wherein A is optionally substituted tetrazolato, B is an inorganic or organic anion, and m and n are integers determined in accordance with the charge number of the platinum complex ion and the charge number of the anion. These supply and return conduits enable the device to be connected to a fluid flow line containing a flowmeter which is to be proved such that fluid flowing in the flow line will flow in series through the flowmeter to be proved and the two flowmeters of the proving device.

1459826994-502093f8-d24b-4fbe-9fad-94ed4ba965a2

The chain boards of a metal filings conveyer are respectively formed with a rectangular base plate having two short sides respectively bent inward to form a side plate. The nitrate esters of paracetamol are prepared by reacting the paracetamol with dihaloalkyl compound and followed by reaction with silver nitrate to obtain the corresponding nitrate ester derivatives. The communication module is operable to receive a location response message responsive to said location request message, said location response message comprising location information for the service; and forward the location information of the service to the location identifier. The vent control is attached to a grill so that the panel is located adjacent a surface of the grill and the actuator protrudes through a hole in the grill and is manipulable by way of a control knob. Next a unique capability key is computed from one or more cryptosystem parameters, the one or more shares and the random number. A visual indicator may be used to communicate to a user an operating status of the recording device.

1459826994-64697261-369e-4c9f-880a-512806d10eac

A rotor for an electric machine having a number of poles includes a shaft that extends along a portion of an axis and defines an outer surface. This is accomplished by decreasing effective pixel size for a CCD array defect line scanner while not decreasing signal-to-noise ratio, with minimal changes to the current machine. The bistable relay has an integrated circuit, wherein a control unit activates the integrated circuit by way of a control line and defines one of the two switching states via a control signal.

1459826995-1f8fdd14-228b-43a3-ad6e-6929e8785969

The invention relates to a method and to a device for discharging used operating media of a fuel cell in a fuel cell system, at least some of which are explosive, comprising a sensor unit for examining the operating media discharged from an operating space. The adjusting device includes two gripping members adapted to be manually moved towards or away from one another by the user in order to vary a size of the headband. The moving mechanism is interchangeably attached on the base unit, and the end effector is interchangeably attached on the moving mechanism. The second computer system is in operable communication with, and is configured to extract the health care data from, the first computer system. The semiconductor die is encapsulated with the thin sheet material supporting it during encapsulation. The channel has a channel mouth along its length, which faces interiorly of the frame.

1459826995-2e184d72-58a8-4890-a72c-3ac35d054c07

An adjustable ceiling panel lifting apparatus for installing ceiling panels without using ladders. The controller formats work center information to be displayed on the output device as single-valued and multi-valued display segments. A number of conditions is introduced. Instructions for a user to enter the unique code in an authentication process via an authentication portal of a management device are also displayed. The flatbed processor is coupled to the drum processor such that the arcuate transport path and the generally planar transport path together form a processing path through the thermal processor along which the imaging media moves from the drum processor to the flatbed processor during development. A data storage device may apply a different write fault threshold to each side of a target track, allowing a write head to deviate from a track center more in one direction than in the other direction.

1459826995-4172c001-a992-4bce-a8c8-2989ce51176d

Activity sensing in the home has a variety of important applications, including healthcare, entertainment, home automation, energy monitoring and post-occupancy research studies. Various techniques can be used to mitigate the effects of spurs on a received signal. The adhesive scrim is softened as the warp yarns pass over the heated section of the mandrel and shortly thereafter, weft yarns are wrapped around the warp yarns and the supporting transfer belt within a rotating tube having a plurality of longitudinally and circumferentially spaced spools of weft yarn disposed on its outer surface. Accordingly, it is possible to set an optimum transfer unit according to an environment of a data processing system in order to improve the performance of the data processing system. Using an OR-routing, the primary source node may propagate the messages either to the transit node, or to the surrogate node, whichever is alive. The device may be a neurostimulation device having a miniaturized housing with a low profile that permits subcutaneous implantation at a stimulation site directly adjacent a neuralgic region at the back of the neck of a patient.

1459826995-575b63ff-7670-40c3-8866-f5d2f70d30e6

A system and method for actuating at least one engine valve in an internal combustion engine to produce an engine valve event is disclosed. A valve network is fluidly associated with the linear actuator and allows the operator or pilot to



variably define the degree of frictional engagement. The fine objects are diode elements, each of which has, as an alignment structure, a front side layer composed of a dielectric material, and a rear side layer composed of a semiconductor. The detector generates a precharge signal which turns off the precharge transistors when the reference bit line has a voltage near the target level, and turns on the precharge transistors when the reference bit line has a voltage below the target level.

1459826996-244aba83-b20d-428f-b33b-cc510ef4abea

The present invention relates to an absorptive heat pump circulation systems and heating method. Such methods can provide nanomaterials with improved morphologies relative to previous methods. When a process is created to execute the code of a software component, the security system causes the security code to be executed before the execution of the code of the software component.

1459826996-8f282912-b1db-40b1-aa1f-36545580232d

A system and method for effectively performing a clock adjustment procedure includes a multi-core processor that has a plurality of processor cores that each operate with reference to a target clock signal for performing various processing tasks. The composition comprising 18 to 25% by weight of Co, 15 to 20% by weight of Cr, 1. The invention relates to a technique in which a preheated raw ceramic material is introduced into a laminar-flow thermal plasma obtained using a high-voltage type direct-current plasma gun and is cooled and solidified and the resultant ceramic beads are collected. The original security settings remain unchanged so that other systems and applications functionality that depends on the original security settings remains unaffected for the local machine zone. Therefore, the signal transmission method provides a space-time code provides a space-time code having higher performance and lower encoding complexity, and can effectively transmit the signal via the multi-antenna system.

1459826996-b33d7b6a-4029-46f5-a554-1cbb7f2cc506

An electronic product having an airflow-guiding device is disclosed, thereby preventing most of the airflow from being carried away by power supplies, wherein most of the air flow directed towards the power supplies will result in other electronic modules failing to have proper heat-dissipation. The system may be used for identifying concentrations of high density mineral deposits or other geological structures or formations well below the earth's surface. The encoding step of the signals is preceded by a preprocessing step that includes thresholding the eight absolute values of the successive pixel-to-pixel differences between fields of the same parity. Also provided is a computer readable article of manufacture tangibly embodying computer readable instructions for executing the steps of the method.

1459826996-b3ad27e9-74a9-41ab-be29-d675d63d3b12

To provide a frequency conversion device which uses a magneto-resistive device and thereby can correspond to a Si-based MMIC and a GaAs-based MMIC. Compositions comprise the nucleic acid sequences of the transcriptional regulatory region of the PpSEC10 gene of *Pichia pastoris*. A group of lines may first be selected as a candidate list. When the hypervisor is notified that the hardware has detected the guest operating system instructing a central processing unit to execute code stored in virtual memory accessible by user space while the CPU is in supervisor mode, the hypervisor may consult a policy to identify what, if any, responsive action the hypervisor should perform. The second part connects to the first housing such that the parts connect together with the plug inserted into the gap.

1459826996-ddd753d2-828a-44eb-b9e5-3f2debf85927

Disclosed is a multifunctional urethane monomer prepared by reacting an epoxy compound having two or more epoxy groups, a diol compound having an acidic group and a compound having an ethylenically unsaturated group and an isocyanate group with one another. Preferably, the plurality of laser beams having different

wavelengths are generated by inputting single wavelength beam to a multi wavelength generator from single mode laser light source and by inputting light waves having a plurality of wavelengths generated from the multi wavelength generator to wavelength selecting means. The invention is applicable to organic synthesis.

1459826997-1e889b35-cbb3-4b9d-b519-b535be239502

A method of testing a logic device that includes the steps of identifying a first test vector corresponding to a test failure resulting from testing of the logic device, converting the first test vector from an input pin format into state data associated with the logic device, and searching the internal state data to identify a set of last shift transitions. A groove 16Aa formed in at least one of the front-facing face and the back face of the transverse wall 16A. In one embodiment, a portion of each of the holding devices extends into its respective opening in the part-retaining position. The installation is accomplished without tools, and two snap locking tabs in the injection-molded plastic body automatically secure to the access hole of the mortise lock mechanism. The resulting tissue web has good formation without pinholes, yet contains a watermark corresponding to the shape of the structural icon. A pressing mold maintains the defined outer contour of the handrail.

1459826997-68aa7ea7-91be-48a9-bf99-dcb8cfad2096

A radar apparatus is provided which correctly combines and displays detected data obtained from a plurality of radar antennas. The signals may be modulated with a spread-spectrum spreading sequence, or other analog or digital signal. The particulate material is lowered to surfaces and removed by vacuuming, damp-wiping or using a dry cloth with a cationic charge. The remote control unit includes a reader for a storage medium for AV data, or a cable or wireless interface to an AV acquisition device such as digital video or digital still camera or digital music player or recorder.

1459826997-bb9434dd-4615-4c7a-b344-56b45bd112a0

The present invention discloses a floating gate structure of a flash memory device and a method for fabricating the same, which relates to a nonvolatile memory in a manufacturing technology of an ultra-large-scaled integrated circuit. The data dictionary may be used in computer operations on rights expression metadata, such as for digital rights management applications. A visual tag may be obtained via a communication method or optically captured via an optical device. Additionally, the oxygen gas may be used to power a scavenger for the creation of electricity for charging a battery within the dispenser. The heated filament of each electron gun, which is used as a source of electrons, is inclined with respect to the aforementioned longitudinal axis whereby modulation applied to the elongated outer electrode of the electron gun provides different ionization conditions for specific particles of predetermined masses for analysis of which the aerosol TOF MS is tuned. Specifically disclosed is a plastic crystal containing a compound represented by Formula or below: and at least one compound BF<sub>3</sub> salt represented by Formula :Mn+BF<sub>3</sub>\u2212n\u2003\u2003wherein M is an alkaline metal, alkaline earth metal, aluminum or H; and when M is an alkaline metal or H, n is 1; when M is an alkaline earth metal, n is 2; and when M is aluminum, n is 3.

1459826997-bc91762b-cbcc-4952-83fe-4f7314b2eda4

A table positioning device has a moving table and three table moving mechanisms for moving the moving table, and three position sensors for detecting positions in different directions of the moving table. By driving the servo system on a predetermined trajectory such that encoder errors occur at frequencies outside the servo loop response, these errors are sampled. The method for identifying the stored items includes receiving RFID tag signals from the stored items, generating a null RFID interrogation field, and moving the null RFID interrogation field to identify an item by its RFID tag signal dropout in response to the null RFID interrogator field encompassing the item's RFID tag. Vehicle mount and ground stand

configurations are disclosed. The processing unit is operable to back-propagate from the collision zone a capture set as a function of a disturbance for the first and second vehicles.

1459826998-21540199-3922-4ec9-a37e-af0e7d645dc2

A finFET structure includes a semiconductor fin located over a substrate. A portion of the cast brake housing is cast around a portion of the air chamber component. Routing is controlled based at least in part upon the comparison. After the bending operation, the edges of the sheet-bar blank are joined together by a longitudinal seam weld, so as to form a preform of the hollow profile, which is then deformed into the final form by internal high-pressure fluid. The referenced read operations can be initiated at the same time or prior to that of the destructive self-referenced read operation. A block co-polymer layer is formed to fill inside regions of the first separation walls and gaps between the first separation walls.

1459826998-95d0c9fc-ce66-41ff-90c3-8469fb23ddd2

A surgical extractor for removing objects from a body including, for example, calculi, such as kidney stones and gall stones. In particular, the present disclosure relates to methods of diagnosing BHD disease and related conditions, such as spontaneous pneumothorax and kidney cancer, and methods of treating BHD skin lesions. The face of the cuber dies is divided into four quadrants. A scribe guide extends from said alignment head, said scribed guide including a scribing side. Furthermore, the present invention relates to processes for preparing compounds of formula, to insecticidal, acaricidal, nematocidal or molluscicidal compositions comprising them and to methods of using them to combat and control insect, acarine, nematode or mollusc pests.

1459826999-51321506-c81a-4fdd-9f19-05d4e9a1692b

The disclosure relates to integrated circuit fabrication, and more particularly to a metal gate structure. The control gateway is electrically coupled to the devices. A total current flowing in the selected first conductive trace and a leakage current flowing through unselected second conductive traces are sensed by a sense unit in a one cycle or a two cycle pre-read operation. This device, being bidirectional will also operate as a multiplexer.

1459826999-5cb358b9-42a2-485b-8eb7-fbd621d4f77e

Flow rates in a microfluidic device are modulated after performing serial dilutions by flow reduction channels that draw fluid from the main channel, thus reducing the flow rate. The gas laser further includes a lasing gas disposed in said discharge region and an excitation means for energizing the electrodes to excite the lasing gas. The mutant protozoa additionally lack certain enzymes within the heme biosynthetic pathway, making the mutants susceptible to porphyria and eventual lysis. Each of floor devices 30 and monitoring center device 40 display image information taken by camera 20 related to the detection device which has detected the emergency event.

1459826999-7899594e-5bf7-458a-99fc-cef9fe22f98b

A system and method for improved Time Of Arrival distance measurements between nodes of a wireless ad-hoc network. The porous material includes channels. The buffering of the data is associated with a buffering delay.

1459826999-a9509810-4976-4491-baf7-d4dfd369b7b3

Provided are a method, apparatus, and medium for encoding/decoding a high frequency band signal by using a low frequency band signal corresponding to an audio signal or a speech signal. The invention accesses RFID data associated with product stocking events for identifying product movements in a retail supply chain and within a retail store. Methods of using these peptides for type-specific detection of HSV-2 antibodies and differentiation of HSV-2 viral infection from HSV-1 and other herpes family viral infections are further provided. After that, a

photocatalyst-containing functional coating material is applied to the surface of this first coating layer in a semi-cured condition and then both of the coating layers are cured.

1459826999-e78ac5a1-2395-4320-8e79-1c1ae19d3d38

A skimmer pool closure assembly for closing off a swimming pool from a pool skimmer that is mounted to the pool adjacent a side wall opening includes a face plate attachable to either the pool skimmer or the side wall and having a configuration generally coextensive with the side wall opening. The ultrasonic probe design system includes an interface for inputting statement parameters,insonification requirements, and geometric constraints, with an engine responsive to the interface and configured to determine and provide an optimized transducer geometric design output. Scores represent a measure of relevance to the topic. The process also includes removing a portion of the LNG cooling loop as LNG product.

1459827000-a7a2df4c-10c6-4f52-92f9-3976e2a53159

A low cost method and apparatus for indicating when to replace a water filter in a water and ice delivery system for a refrigerator. The game is played with cards of four different colors, which correspond to the same colors of the pyramids' sides. The air piston is linked to the liquid piston. At the end of the measurement phase, the set of latches contains a multiple bit word that is an indication of the back pattern effect experienced by that particular series string of memory cells.

1459827000-e6467516-1a95-42ef-9280-ced400be773b

The electric massage comb is a handheld electrical tool that can be used to thoroughly scratch the scalp area or to provide a soothing massage for the scalp. The present embodiments allow for an indication of a customer's language preference to be stored in some fashion and also allow for that indication to be accessed when the customer places a call that may require communications in a specific language. The driving device includes a rotating shaft journaled within the seat body. The track-and-hold unit samples and holds the input voltage signal in response to the sampling control signal to generate a sampled signal. The controller determines if an understeer or oversteer condition exists and generates an appropriate steering assist signal that is then communicated to the road wheel steering actuation system. The progressive, or modular, treatment can be provided by a system or kit of one or more treatment devices.

1459827001-0e08df25-75f4-4081-af14-d825b53744e4

A nonvolatile semiconductor memory according to the present invention includes a memory cell transistor which is disposed in a first region and which has a gate electrode of a stacked structure, and a dummy cell which is disposed in a second region neighboring the first region and which has a gate electrode having the same structure as that of the gate electrode of the memory cell transistor. An input video signal representing a digital image is processed in the detail filter, wherein detail signals are extracted by the detail filters at different frequency ranges. In such a configuration, inadvertent complete-locking or release thereof of two workpieces can be prevented. In accordance with certain embodiments, a correlation equation is manipulated, for example, to eliminate certain products by ensuring that they equate to zero, to eliminate redundant calculations by recognizing repeated subsequences, to eliminate common subexpressions, to determine a negative of a correlation result, etc.

1459827001-2a2da109-377b-4ede-983e-0037ff937a83

Compositions and methods for modulating HSP70 function, particularly for the targeted killing of cancer cells, are disclosed. According to the invention, the assembly plate has clip pins by means of which the module can be locked in a position on the assembly side as defined by the clip pins. In another embodiment, the fuel injection timing is adjusted to spray the fuel directly onto the piston surface to cool the piston. The article can be embodied as a swab, gauze, shield,

hygienic napkin, diaper or interlabial absorbent structure and can be used to indicate the presence of amniotic fluid, or secretions associated with bacterial vaginosis without giving a false positive result upon exposure to urine or after drying. Therefore, the data is restored without any corruption of valid page by using a proper restoring method. The method includes detecting a special boot condition during a pre-boot test of the computer system; and altering, in response to the special boot condition, an operating system access configuration of the hardfile.

1459827001-8481d470-d580-46f7-bd7f-52a563e7e84b

A composition, reactor apparatus, method, and control system for growing epitaxial layers of group III-nitride alloys. With a quick, convenient, and flexible installation of a meat grilling pan, a hotdog broiler, and a bread tray onto the oven, the electric heating device and each cooking food item are kept in an appropriate distance with partitions to avoid the food from being burned and achieve the purpose of heating and warming the food appropriately. The at least two insulating elements have a first face facing the semiconductor substrate or the mold compound and a second face facing away from the semiconductor substrate or the mold compound. One or more machine controllers are selectively programmed to control the output color and duration of each light emitting device responsive to programming associated with the controller and an operative condition of the associated transaction function device. The production key server includes various security devices including a hardware decryption device to decrypt the installation keys, a smart card reader for authenticating authorized operators, and a limiting switch to disable the production key server if it is tampered with. In this arrangement, the amplifying unit amplifies the deviation of the primary current based upon feedback gains consisting of eight respectively independent factors.

1459827002-4f9c751e-0a2c-4b36-bb56-0b97f2a3d658

A method and an apparatus for anchoring a medical implant device within a blood vessel or other body passageway are described herein. More particularly, a channel specific sampling sequence is defined for each electrode, the sequence having a particular duration, pulse amplitude distribution, and number of pulses. A total score is computed from weighted scores assigned to factors associated with the message. The method further includes encrypting the data transform function and the function key value applied to the base biometric reference template. The resulting linear equations are solved to compute one or more reflection coefficients for the subject. In another embodiment, the transverse axle rotation axis of the axle assembly is elevated above the suspension roll axis.

1459827002-d7ab0dd7-bb3e-4586-a837-a4ef156e18c1

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. One such transmitter circuit includes a signal output and an encoder configured to provide control signals based at least partially on the plurality of data digits. The device of the present invention integrates this low flux and transforms it to a measurable fluid flux, so that the fluid can be measured by the fluid meter within its optimum error range. The technique can include displaying the GUI.

1459827003-0fcc09dd-0857-46c4-bb4f-4ef2bf3dbd90

A wafer polishing method is provided. A mandrel portion with a sharpened end has two or more guiding or directing members attached to it. A checkpoint is generated for the selected link.

1459827003-12f0eaab-1609-4466-a464-a219c1958d71

In one embodiment, a system includes power management control that controls a duty cycle of a processor to manage power. An N diffusion region, a P diffusion region and an N diffusion region are formed in the surface for the N<sub>u</sub>2212 epitaxial layer. The added-up signal, which is dependent on the error matching, controls a

VCO which readjusts the operating frequency of the FOG until the correlation tends to zero. The expandable medical device may further include a plurality of ductile hinges formed between the elongated struts, the ductile hinges allowing the cylindrical device to be expanded or compressed from the first diameter to the second diameter by deformation of the ductile hinges.

1459827003-29b657b0-4c1f-43ed-9c25-5577696f7fd0

The present invention provides a system for wide-range microwave communications over wireline networks. In one implementation, flash abstraction logic, tracks how many physical sectors are free to receive data; track how many physical sectors contain data that is dirty, and compare whether the physical sectors that are free to receive data outnumber the physical sectors that contain data that is dirty. Although any suitable means can be used to fasten the conductive grid into the housing floor, the grid is preferably press fitted into the top of the housing floor. Besides, an engagement of engaging parts of the metal covers in corresponding arched cavities of the middle plastic frames is utilized to permit a rapid fastening. If it is determined that the first unique identifier and the second unique identifier match, then it is determined that the asynchronous transaction started with the first method and completed with the second method.

1459827003-37652391-4c5b-4661-b43c-ce8091e39057

A motor control system for a hoist drive having an electric motor operationally connected to a hoisting member for hoisting a load, the motor control system being adapted to generate a final angular frequency reference for control of the electric motor, the motor control system comprising a power limiter means adapted to generate a correction term for angular frequency reference. A plunger with an open channel is slidably mounted in the barrel. The connecting waveguide includes a first material having a first index of refraction and a second material having a second index of refraction higher than the first index of refraction.

1459827003-57038633-0a9e-4cac-8981-ed3a139f7695

A method and system for manufacturing radio frequency identification tag antennas is described. A lock housing has a first end having a first end opening, a second end having a second end opening and an open interior between the ends, at least one opening for receiving the engagement portion of the shackle and a blocking member can be attached to the lock housing. The first packaging material fixes the at least one filter unit, and so no abrasion can take place during transport and handling. The well fluid circulated through the fluid bypass is discharged into the well annulus below the packer elements on the upper packer apparatus to circulate stimulation fluid through the stimulation port and upwardly through the upper packer apparatus and the tubing used to lower the upper packer apparatus into the well. The torque-limit signaler operates during cap installation to interrupt temporarily a driving connection established between the handle and the closure to provide a tactile and/or auditory signal to a user turning the cap in the filler neck indicating that sufficient torque has been applied to the handle to seat the closure in a filler neck-closing position in the filler neck.

1459827003-cb6a13e3-f8ed-497b-b476-2a23cf77c6c1

A wave thread form for threaded fasteners includes multiple thread pitches along a generally helical path, and includes multiple wave thread portions each deviating from a straight-line helical path, with adjacent wave thread portions along the helical path being separated by standard thread portions extending along the generally straight-line helical path. The imaging unit adds signals of respective N pixels out of M pixels per single frame and outputs signals of MN sample points at each frame for high-speed imaging and imaging at a second frame rate greater than the first frame rate. A controller is notified that the earlier of the first or second machining tool has reached its selected position for completion of its machining operation. The detection device also comprises an infrared radiation filtering structure which covers the photosensitive area without covering the

infrared photodiode. Each of a plurality of inserts has a size and shape adapted for being removably positioned in and frictionally coupled to one of the depressions.

1459827004-76834d89-9596-4133-8d7f-891db11f6f1d

An information processing apparatus performing a plurality of processes in parallel includes a plurality of processing units and an adjusting unit configured to determine processing intervals of the processing units on a processing-unit-specific basis to gradually align periods in which the processing units operate. The actual length of the pressed component is obtained by applying pressure using at least one pressing ram and measuring the length with a measuring device. The rotating member has an operating portion and a protruding portion. 95% or more is prepared, and is hydrolyzed by adding a small amount of acids to the solution. , they are made concave, in a plane transverse to the direction of flow path.

1459827004-9233bd63-11b0-4a1a-9a1e-33f6157dd043

An image forming apparatus includes a fixing device including a fixing rotary body and a heater for heating the fixing rotary body. A write charge control circuit is controlled according to a write control signal and the same or a different address value. As a result, the cost of creating a usable merchandising system and database is reduced. In the first position, the oblique surface faces the first and second openings and the outer surface shuts the third opening, and in the second position, the oblique surface faces the second and third openings and the outer surface shuts the first opening.

1459827004-9438c91d-01df-43b2-b81f-2c35537c475e

This invention relates to a test sensor cartridge assembly that dispenses test sensors individually while shortening the distance of the lateral movement required to eject the sensor. In order to obtain a dynamic detection and calling of processes in a loosely coupled production structure and infrastructure, the invention provides for devices providing the production and control services to be associated with a DPWS-based web service, wherein device functions are implemented into the DPWS-based web service as device service and agent functions. The spark plug further includes a metal shell surrounding the insulator; and a ground electrode in which one end is joined to the metal shell, and another end portion opposes the noble metal chip to form a spark discharge gap between the ground electrode and noble metal chip, wherein M, D1, and D2 as defined herein satisfy Mu226610. The airflow is drawn from beneath the frost line, exhaust ventilation or sunspace. When a slow sync is detected, the client and server can depart from the normal SyncML protocol and process summary data without having to compare all items on a field-by-field basis.

1459827004-be76113b-f53d-44a7-a815-5a68c2e84509

Embodiments of the present invention include a composite electromechanical machine which can operate as a motor or a generator. The bottle could provide sufficient radial rigidity\u2014or resistance to squeezing\u2014to return to its original shape at a suitable rate without experiencing permanent deformation or denting and to withstand the rigors of filling, shipping, transporting, dispensing, etc. It supports a variety of different type of content identifiers and allows for overlap among different content identification schemes. The frequently occurring group of n-grams is transmitted to a deep parser component and a deep parse output from the deep parser component is generated.

1459827005-183e1fde-d68d-4669-83bb-201ba5bbef1d

An image forming apparatus includes a sheet feed unit which feeds a sheet to an image forming unit forming an image on the sheet, a re-transport roller which reverses the sheet with a toner image fixed on the sheet and re-transport the sheet to the image forming unit, and a control unit which controls a sheet feed operation of the sheet feed unit for feeding the sheet. Contaminated drilling

medium passes into the space between the bearing races. The bytes of a chunk are read from the pipe object in the same order as they were written. The post of the base assembly is received within a bore of the handle, a mandrel being interposed between the handle and the clamps of the base assembly.

1459827005-2e0aa829-9845-49b8-abac-34c42377bd03

Certain aspects relate to monitoring and managing storage drives installed on a backplane and performing backplane controller firmware update through a universal serial bus interface. The organic EL display comprises a substrate, a pixel-driving circuit unit, and pixels arranged in the form of a matrix on the substrate. A slider guides the sealing unit to the sealing position by moving rectilinearly in one of two opposite directions. A unique identification value is assigned to this customer and is stored with each of the identified records. Each of the fixed paging receivers receives the broadcast paging message, extracts the broadcast customer identifier, and compares the broadcast customer identifier with the customer identifier stored in its database. The airbag is protected by the reinforcing cloth even if it contacts with the key accessories upon deployment.

1459827005-7b62eec6-e6ef-40ff-91b5-76e0b06723fb

A wiper blade includes a lever assembly that has several types of levers. A processor for a computing device allocates an address range with an address to write to an intermediate storage location. The cover includes two hooks formed thereon for insertion in the holes for retaining the board engaged with the cover. In some embodiments, the covering member may be configured as a floating covering member and/or as a flexible elastomer seal. As such, an optical axis alignment is completed for the first and second recording media.

1459827006-3b9b5e68-ecce-4dfb-b9cc-adda2a7cccb8

The invention is a cryptographic system using chaotic dynamics. A reference code, or other identification information, associated with the desired signal format. The first ceramic layer consists essentially of partially stabilized zirconia so as to comprise the tetragonal and cubic phases of zirconia.

1459827006-8fa51e70-b5c3-478d-94bf-3cda1dd82454

A convertible travel case has a frame including an upright with a handle for grasping and a base with wheels for towing. The traction transmission capacity control device is configured to perform a traction transmission capacity control based on a second-roller turning amount given from the turning-motion reference point of the second roller. An overlay extends down the length of the piece of fabric, with a plurality of ribbons attached to the overlay in a straight column. R-PDCCCH may be transmitted in one of a plurality of layer-specific search spaces corresponding to one of a plurality of antenna ports. The second metal strips of the second antenna unit are located densely in such a manner to provide an electromagnetic induction to achieve a second frequency band different from that provided by the first and third antenna units. Said charging device is further capable of calculating a characteristic signature for the stretch of road traveled by the vehicle by means of location co-ordinates for the vehicle and transmitting the same to an accounting centre, outside the vehicle.

1459827006-b632c548-e154-4992-a504-56d335928cba

The invention is related to a cost-effective method for making a silicone hydrogel contact lens having a crosslinked hydrophilic coating thereon. The system described herein provides techniques for controlling the provisioning of users' virtual machines among clusters based on determined requirements obtained from users' service level agreements and in accordance with an optimized allocation of resources to service the processes corresponding to the virtual machines. When the network is in the wireless packet communication mode, the network manager coordinates wireless communication of packets among the network node modules, the switch modules, and the bridge-routing modules based on individual content of the



packets and wireless channel mapping.

1459827007-1b167ece-cc08-4f0f-a935-06374f6b9e13

A headlamp assembly having a mechanism for reducing water based contamination is disclosed. A combination is formed in a medium where the combination comprises the sample, a hemolytic agent where a determination of the hydrophobic drug is conducted, and a bioavailability agent for the hydrophobic drug. Each key includes a moveable engaging member disposed proximate a waveguide branch to engage the waveguide branch as a function of key operation. As such, ions of the second isotope of the element are selectively implanted into a region of the substrate. In these more advanced phones, the programming can be done by a system administrator or by the user of the phone via a computer with internet access. The program product and method create object models that have a consistent structure from and about information assets that are of diverse types and come from diverse software, and display browse cards about the information assets in a time-ordered stream, together with glance views related to the document object models.

1459827007-8092a7a8-533a-478f-b92d-1648dd3fae21

Seat inlay in the form of an elastic grid having at least two longitudinal bars which are connected by cross bars and have hangers for suspending the inlay in a frame of a seat, and the cross bars are made of plastic and are molded to the longitudinal bars. The front section is more rigid than the rear section, and the center section is less rigid than the front section and more rigid than the rear section. In another aspect of the invention, the pusher cap has a single, common mounting surface which accepts pusher pads of different divert angles. The reflecting mirror is supported at its back surface by a supporting column upper end of the supporting column, a first cylinder upper end of the first cylinder and a second cylinder upper end of the second cylinder in a tiltable manner, which are arranged to form a triangle on the back surface of the reflecting mirror. The digital lookup table output is converted into an analog signal with a digital-to-analog converter, the analog signal is filtered to generate the drive signal, and the horizontal drive signal is generated based on the drive signal. The composite line has a central core of heavy metal and metal salt particles surrounded by a polymeric monofilament for use in long line fishing as well as fish nets.

1459827008-2034df94-1113-4676-af6d-20136639f2fa

A field effect transistor according to the present invention has a semiconductor layer through which carriers injected from a source region travel toward a drain region, the semiconductor layer being formed from a composite material including an organic semiconductor material and nanotubes. An input/output system activates the active-partition switching program when a specific operation is performed. Grid lines of the second group are spaced between adjacent grid lines of the first group, with the height of the grid lines themselves in the second group being less than the height of the grid lines in the first group. Inside the CDSA framework, the corresponding public key is used to verify at runtime those applications that were appropriately signed.

1459827008-7985f95d-e68a-4e1c-8d7b-f9f97bf2b876

A neural network system including a plurality of tiers of interconnected computing elements. The space remaining around the resistor core is filled with a soldermask material and the assembly is coated with metal. When the tape is fired at a sintering temperature of the low temperature ceramic layer, densification occurs in the z direction, but essentially no shrinkage occurs in the x-y planes. In this fishing reel, a large amount of information can be displayed while the size of the reel is kept small. The present invention provides an active material for lithium ion battery represented by a composition formula:  $\text{LiLi}_3\text{Mg}_x\text{Ti}_{304}$  in which a part of the element of lithium titanate is substituted with Mg, and a lithium ion battery using this active material as a negative electrode active material.

1459827008-7a1daeb8-1ab2-465b-b3fd-9f038d2c9808

Systems, methods and computer program products enabling customers to communicate requests to travel experts located in a cities around the globe. In an embodiment, signals and the parameters of the signals may be identified and indications of available frequencies may be presented to a user. The various embodiments disclosed herein incorporating the aforementioned hot peel carrier have significant advantages stemming from the fact that immediate after a graphic is heat applied to a substrate, the adhesive of the carrier has substantially no adhesion to either the substrate or to the heated adhered graphic. In certain embodiments, a housing specifically adapted for easy power source replacement and disconnection of the power source is utilized. Thereby, the logical composition for the logic circuit description based on the hardware description language can be optimized and the necessary time can be shortened.

1459827008-7afc86b2-2db9-462b-bcba-94caf0a5308c

The method and system serve to notify the user of an event through a control device. The recording medium includes at least one recording layer, and a data area on the recording layer. Groups of dimples are provided in each geometry, the dimples of each group having different depths, respectively. The second current stage is configured to source and sink a second range of second output currents and provide a second measurement current representing a second output current in response to the first range being exceeded.

1459827008-b854b6fc-15db-4c18-8479-bca2585cf151

A tarping system that automatically covers and prevents trash from spilling from a trash opening in the rear vertical panel of a CRC. A second word line is coupled to a gate electrode of a second transistor. The method comprises transmitting an image through the optical tissues of the eye. The downstream port is configured to provide a downstream component including a downstream portion of the drive component and at least one additional read channel component of the transmitted signal to at least one additional sensor disposed downstream of the sensor.

1459827009-01d6fbe9-966d-457e-acd8-9841d9e165d9

The disclosed invention provides an oxygen laser oscillator which can obtain a direct lasing from a singlet oxygen molecule ). The heat exchange element has a substantially cylindrical structure with a first end and a second end and the length of the element is greater than the diameter. When the hinged tray is lifted, the coins travel through a waste management system and into the coin sorting and counting apparatus. The upper portion of the lever also has a suction lockrelease that allows the user to manually adjust the angle of the lever by pegging onto scooped cogwheel with a slider, so the suction strength can be adjusted desirably for continuously holding onto the same spot in extended use. A convergent channel is recessed within the third bearing surface and trails a portion of the recessed area.

1459827009-c701f330-ef61-4951-819a-07f92485e9e8

A method and apparatus for customizing a graphical user interface on a multifunction peripheral is provided. A system for enablingdisabling write-protect of a basic inputoutput system is also disclosed. The first organic light emitting layer may be on the first hole injection layer. The function then returns to another function that invokes it either with a new token error token representing a new error chain containing the error occurred and the errors contained in the error chain or with an error status. The present invention specifically provides isolated peptide and nucleic acid molecules, methods of identifying orthologs and paralogs of the protease peptides, and methods of identifying modulators of the protease peptides. The refractive indices, orientations of media, and alignment relative to a propagating wave define a refractive boundary at which reflections may be reduced or eliminated, and at which, for certain incident angles, rays may be refracted on the same side of the normal as the incident ray.

1459827009-d221b373-6910-48a0-9ce8-0aa7726b1c3f

An arrangement of a side door on a body of a motor vehicle is provided. The device includes a housing having a working head attached thereto, an electric motor provided within the housing for actuating the working head, the electric motor being rearward of the working head, an actuating switch for actuating the working head, a rearward switch provided within the housing rearward of the motor; and a lever extending from the actuating switch to the rearward switch. Also, some embodiments employ a hub movable within an elongated aperture, and can also have a projection engaged with a second elongated aperture to help control the orientation of the display screen relative to the screen housing. Thereafter, first audio data specified by the mute setting is played with audio data from the call on the communications device. The first response sent from the terminal to the network is also used as the second random number, and the network has previously requested the second response from the authorization center together with the first random number and the first response as a triplet data set. When an error is detected in the encoded data in the forward decode processing, backward decode processing is started by a backward decoder.

1459827009-eeeea6575-6ee3-49d5-a93c-489de329d778

P-chiral bisphospholane ligands and methods for their preparation are described. A controller and a readwrite channel convert the digital bit patterns to analog data signals to be stored in a memory array at a particular bit capacity level in order to achieve a desired level of reliability. A set of one or more navigation tools is contained within the badge control along with a set of one or more editing tools.

1459827009-f833f9e8-7e9d-4579-ab90-ea71aa600321

The invention relates to a built-up piston, comprising central screwing and a central cooling chamber. One embodiment of a system logic device includes logic that assumes a transfer size of a predetermined length. At least one partial view of an examination object is subsequently generated and compared with a stored standard view, on which at least one accessory required for the examination mode is displayed.

1459827010-5bb3a40c-6fdb-4ed5-a097-e99103e77e17

A center beam car has a main deck structure extending laterally from a main center sill, a laterally extending top truss structure, and a central vertically oriented central beam structure. The DC input voltage is set to an intermediate value between a high voltage level and a low voltage level of the binary logical input voltage, and the switching circuit is turned into its OFF state at or before a time when the selecting circuit selects the binary logical input voltage as its input. A dielectric gasket is provided below each SMA connector to provide pressure on the leads thereof so that the leads adequately contact corresponding pads on the PCB. The memory cells are substantially smaller than prior art cells, and the array is biased so that all of the memory cells in it can be erased simultaneously, while programming is bit selectable. Methods are provided for its therapeutic, cosmetic and non-therapeutic use and operation.

1459827010-645d154f-eede-4c2b-8863-2e1eb01731be

The present invention discloses a frequency-changing voltage regulation circuit, which applies to a power supply device that has a booster unit and a power conversion unit. A motor opens the shield material so as to block sunlight entering a vehicle through a window. The terminals and positioning hooks are mounted through the base into the tongue. In another embodiment, the receiver includes a receive unit configured to receive preceded data.

1459827010-6eb863d6-d710-4564-85e0-8d84dd21aa50

Novel 1,2,4-oxadiazole benzoic acid compounds, methods of using and pharmaceutical compositions comprising an 1,2,4-oxadiazole benzoic acid derivative are disclosed.

The method comprises pressurizing an internal space of a collapsible package to expand the package. A top rail and a base rail span between the uprights. The multiplexer reads the instruction data one by one from the instruction memory, and reads data units stated in the instruction data sequentially from the data memory, for generation of a multiplexed stream. Thus, the electrolytic solution will not adhere to and stay on the lead wires. The apparatus includes a second cam, which has an upper rib to be latched with the upper portion of the housing and a lower rib to be latched with the bottom of the housing, thereby providing structural stability.

1459827011-59a8562c-ac1f-4600-9f0e-ea3f02b86bc3

Methods and systems for processing Ethernet data are disclosed and may comprise receiving Ethernet data via a single gigabit Ethernet IP telephone chip. A credibility factor is determined for the author in association with the online content item. Methods of treatment and combinations with other agents are also disclosed. The amplified signals are converted to a binary pulse train signifying the temporal length of each active carrier period and the temporal length of each quiescent carrier period. The pressing end of the pressure application spring is set under tension by the can surface during inserting the plug part into the socket part and is released not until the plug part is inserted in the socket part to such an extent that the first conducting track carrier has reached its contact position. In addition to the traditional \u2018184-1-1\u2019 dialed digits, a mobile user would also dial a number representing a feature code for a particular service, e.

1459827011-f8f9b366-1d91-4fd0-b306-bceaa7d4c9fd

A self-sealing shell useful as a component of a soft fluid-filled prosthetic implant is provided. The local variation of the catalytic converter efficiency can thus be monitored in the light-off area. The partitioning plate is mounted to the vacuum vessel by means of a mounting screw such that electrical contact between the partitioning plate and the vacuum vessel is achieved through said spiral shield. A gate of the select transistor is provided above a channel area between the first diffusion layer area and the second diffusion layer area. A second RGB switch is connected to the first RGB switch and to the RGB generator for receiving respectively said fifth RGB signals and said fourth RGB signals.

1459827012-52ea4909-f9c2-4dc8-86e0-cdd19fc20079

In a normal operation, an output of a differential amplifier for amplifying a difference between first and second bit cells is output as readout data. The fissile material, phenolic resin and the one or more hollow microballoons are combined. In accordance with one technique, it is determined whether a ventricular event should be classified as a ventricular tachyarrhythmia.

1459827012-c8de11e9-f345-49ef-b00e-f4fa12d677da

According to one embodiment, an image processing apparatus includes an image block generator, a pixel extractor, a correction parameter calculator and a corrector. The composition for a wire protective member is produced by including a polypropylene having a propylene monomer constituting 50 to 95 percent by mass of monomers forming a polymer, a melt flow rate of 0. An internal divided clock input receives a divided clock signal from a clock divider that is driven by the clock pulses. The first actuator is coupled to the first control valve and has a first end and a second end. The sanitary ware of the present invention is the sanitary ware which includes a ceramic body and a glaze layer formed on the desired portions of the body surface, and is characterized in that the CaO component segregation portions in which portions the CaO component is segregated are dispersed in the body.

1459827013-d6cff9ee-851b-4b52-b511-c5df6c58dc29

A method of achieving ion beam uniformity control using ion beam blockers. A controlling device has the ability to cancel a pending notify command, by sending a

cancelling command to a target device while the notify command is pending. In use, tape is adhered to the exterior surface of the main body member at the plurality of apertures. The sheath is axially movable relative to the catheter to selectively uncover at least a portion of the infusion ports and thereby control the amount and distribution of the infusate delivered by the infusion section. The storage system can detect that a write issued by the file system was lost by one of the functional layers that provide the data storage path between the file system and the mass storage media.

1459827014-1e0e12bd-3afd-4ff7-9d05-d341523bb704

A dielectric porcelain composition of the present invention includes a first component and second component. Each concentric capacitor comprises a first plurality of perimeter plates formed on a first layer of a substrate and a second plurality of perimeter plates formed on a second layer of the substrate. The jaws and the extension section define a driving area therebetween. The at least one magnetic element is configured and arranged to apply a magnetic attraction force directed in the longitudinal direction toward the rear end of the elongated fence body.

1459827015-8b371899-b552-4c7a-857d-db21bae2e483

In a cutting tool having an indexable cutting insert with three cutting portions, the cutting insert is removably securable to an insert holder by means of a fastener. The resulting gels possess improved degradation characteristics, and are useful in a variety of medical and cosmetic applications. polystyrene particles, used to form foam containers e. An imaginary central plane defined in the insulative housing about which the mating portions and the retention portions of contacts of the upper row and the lower row are symmetrical.

1459827015-ea80e40a-6738-4cab-b310-de9432afea61

The invention relates to a feed arrangement for feeding chips to chip bins in the production of cellulose pulp in continuous digesters, in which the chip bin is constituted by a treatment vessel having a top and a bottom, in which the chips are fed into the top of the treatment vessel and fed out via the bottom of the treatment vessel using suitable lock members. In one example, a user activates the radial menu after touching a first finger at a first or anchor point on a touchscreen that serves as a center of the radial menu. The emitter temperature of the switched-off UV emitter is measured, and provisions are made for counter-measures to counteract a decrease of the emitter temperature by more than 10°C. A pulsatile pump mechanism is operatively coupled with the transmission mechanism and provides irrigating fluid to the surgical site.

1459827015-edaee22c-73bf-4118-a730-cb77c6a63d5b

The present invention relates to an absorbent article for managing bodily fluids, comprising a high coefficient of friction backsheet and at least one tape tab extending therefrom. The system includes a messaging application executing on a computer. When determining it as the group name to be responded, the network scanner sends back a search response packet to PC. The left side portion of the receiver after coupling with the right side portion of the receiver to form a receiver is capable of coupling to a barrel as well as a pressured gas container. In the present invention, the difficulty in the bandwidth design of the antenna is reduced, and the effect of the variation of the use mode or environmental condition on the performance of the antenna is compensated adaptively. The elastic member internally has spaces to release stress that arises in the elastic member due to swelling caused by contacting with fuel.

1459827016-e7481a35-4c9d-4997-89b5-2884ae8427b0

Transmission-based data security is provided in dense wavelength division multiplexing systems using a transmission scheme that incorporates hierarchical scrambling techniques with a unique multiplexing arrangement. The ends of

collimator plates are potted with the aid of a top plate and a bottom plate with the formation of interspaces, defined by spacings, between the collimator plates. Indicators may include citation indicators that measure the impact of companies' patents on later technological developments, the strength of the link between companies' patents and scientific research, the speed at which companies innovate, and the proportion of companies' sales spent on research and development. The first partition identification value is stored in the first physical address to produce a partition-identifying address, which may be transmitted to a system fabric. Compared to traditional physical or chemical processes, the method disclosed in the invention is simpler and operates at a lower temperature.

1459827016-fd346589-c5c9-42ea-bdf2-a4bb86f6cc6c

A semiconductor memory device according to the present invention includes a memory cell capacitor for storing data thereon. The wireless sensor with digital detector comprises a configurable wireless transceiver with quadrature down and up converters, memory to store the real time received in phase and quadrature phase samples, a bank of phase rotators to phase rotate the received stored samples and a bank of in phase and quadrature phase constellation level slicers to detect the received bits. A semantic entity is associated with the active entity describing the actions to be performed for updating one or more entities of the relationship pattern in response to modification, copying, or deletion of one or more entities participating in the relationship pattern. An input or output terminal of each of the transmitting-and-receiving modules of the wireless terminals is connected to any one of the signal transmission lines with a wiring scheme.

1459827017-1db591c1-8a62-4d32-a172-da38b570b631

A hair apparatus and hair retention method includes a spine having a longitudinal axis, wherein the spine includes a hole and a peg outwardly protruding from an edge of the spine and substantially along the longitudinal axis of the spine. The cartridge includes a flexible elongated casing having a drying composition therein. The plunger is positionable in a first loading position relative to the housing to expose the opening to the receptacle such that a medicament is insertable into the receptacle through the opening, and positionable in a second loading position relative to the housing to expose the opening to the receptacle such that an edible composition is insertable into the receptacle through the opening. Unbonded plies are allowed to move substantially freely with respect to one another thus providing a lower friction zone.

1459827017-26cb69db-9de9-4389-9c06-7267a4f61943

An apparatus including a capacitor formed between metallization layers on a circuit, the capacitor including a bottom electrode coupled to a metal layer and a top electrode coupled to a metal via wherein the capacitor has a corrugated sidewall profile. The invention includes a meeting requester interface that allows a meeting requester to submit a meeting request. The radio link quality estimation process calculates two average signal to noise ratio values over the complete frequency bandwidth for two assumed control channel formats corresponding to in-sync and out-of-sync conditions.

1459827017-5738bf33-5f3e-4f05-bf54-5c9d2ad39aad

A collective storage system and method for restoring data in the system after a failure in the system. Preparation process and diagnostic and therapeutic use. Systems and methods are provided that share and forward information for the users' online services within the single context. The facing is drawn onto the ceiling tile by a vacuum applied through the vacuum table.

1459827017-8b3739fa-78b1-4cab-9c8f-98529b636569

A language processing unit identifies a word by performing language analysis on a text supplied from a text holding unit. The vibration sensing device comprises a body whose geometry is such that it exhibits flextensional properties. The signal

input is used for receiving a control signal.

1459827017-b06de766-6797-442b-b9f9-eea1d00cc709

A system for and method of enhancing web page delivery and visitor tracking. A method incorporating teachings of the present disclosure may include receiving a first communication in a format that complies with a first protocol. The contact elements protrude from both sides of the interconnector plate at a predetermined height, and the openings are sealed in a gas-tight manner. The electronic controller controls a heating level of the cooktop in a first manner in response to rotation of the rotary position input in a first direction. The tray expansioncontraction part includes a rear end regulation member configured to be moved in a direction in which recording media stacked in the sheet cassette are fed to regulate rear ends of the recording media and a sliding guide part configured to support the rear end regulation member to freely slide and forming a moving path of the rear end regulation member. Also, a method including displaying a menu, including a plurality of menu elements, on the touch screen; detecting a first touch over one of the displayed menu elements, including detecting a corresponding first touch characteristic; and determining a user interface mode to be one of a shortcut create mode and a normal selection mode based on the first touch characteristic.

1459827017-e05bd1bf-2513-4ca7-a0c8-e51d4717c384

A headerless heat exchanger has a core comprised of a stack of flat tubes of rectangular cross section through which a first heat exchange fluid passes. The sock has a length from a toe to at least an ankle, and is knitted from a knitting yarn. A group of trailing edge holes extends from the trailing edge to the trailing edge cavity and a group of tip holes extends from the tip to the trailing edge cavity. The optical waveguide layer is provided to fit into this recess to form a channel optical waveguide. This allows assembly of a program, even though some components may be created using totally different methodologies and/or are constructed by different programmers. The storage apparatus is capable of controlling operation of the storage device of the housing B according to an operating state of the storage device of the housing A through communication via the transmission path; and controlling operation of the peripheral device according to an operating state of the storage device of the housing B.

1459827017-e84a8d57-db1a-4d3f-b3db-38726637115f

The invention includes semiconductor constructions comprising dielectric materials which contain cerium oxide and titanium oxide. Thus the venetian blind comprising these slats can be made to cover very large window openings or other parts of buildings and rooms. At least one engagement mechanism is mounted on the worktable and is displaceable relative to the worktable to engage and retain the core in position on the worktable.

1459827018-291ad89c-d082-4513-800a-6758dcc092db

The present invention provides methods for detecting biomarkers based on Abscription\xae, abortive transcription technology. The capture latch can directly drive the checkpoint register circuitry in the recovery unit of the microprocessor. For example, a preferred embodiment of the present invention enables cutting of nanotubes into shortened nanotubes. In the second mode, the at least one control device transmits a message to the point of sale terminal via the antenna to request that the point of sale terminal download transaction information to the mobile device. An enzyme capable of catalyzing the electrooxidation or electroreduction of the biomolecule is typically provided as a second electron transfer agent.

1459827018-3acce4d-fe6f-44a8-b614-a513d8bf5f24

A process apparatus and a mutual insurance method performed by the process apparatus are provided. The silver halide color photosensitive material contains a compound selected from the following type 1 and type 2 compounds, and wherein the

blue-sensitive layer meets the relationship of the following formula : $SBSB \leq 0$ . The stamp substrate is etched using the resist pattern as an etch mask. The AFT is indexed by the reference age of the tracks.

1459827018-496360a3-369f-493d-b83c-8fea4c18de37

In order to implement a memory having a large storage capacity and a reduced data retention current, a non-volatile memory, an SRAM, a DRAM, and a control circuit are modularized into one package. A first gate dielectric layer having a second thickness is formed for low-voltage transistors. The clutch engages by means of oil pressure supplied as a shift lever is changed over from a neutral range to a drive range. A decoding apparatus is described including a packet identifier receiving a plurality of data packets, and identifying a data packet based on information in the header, a byte code decoder decoding the identified data packet using a byte code decoding process, and a Reed-Solomon decoder decoding at least the decoded identified data packet using a Reed-Solomon decoding process. The process is characterized in that the alcohol is removed in an amount such that the residual alcohol content of the composition is not more than 20% by weight. The bridging pillar is disposed on a surface of the base and movably disposed inside the sleeve.

1459827018-f6b0c72f-aaeb-45ad-bebe-c2bfbbe2f925

A method of recovering elementary phosphorus from an aqueous sludge containing about 1 to about 15 wt % dispersed particles of phosphorus is disclosed. The exemplary method involves depositing a first material layer on the top layer of the optoelectronic device, where the first material layer having a refractive index and a thickness of about an odd multiple of a quarter of a wavelength to which the optoelectronic device is tuned. The different thicknesses may be fabricated utilizing a double SOI process and/or a selective area growth process.

1459827019-9f3ccf41-e381-4707-8821-8f7f5d1ae45c

A headset is described for use in connection with either mobile telephones, conventional landline telephones or personal computers. Upon receiving a request submitted by a given one of the processes to its respective doorbell address to access one of the allocated service instances, the adapter conveys the data over the network using the specified instance of the service, subject to verifying, based on the doorbell address to which the request was submitted, that the specified instance was allocated to the given process. As a result, additional transmission errors have no influence due to the error correction. The anode electrode is irradiated with a light having a wavelength of not more than 350 nanometers to reduce the carbon dioxide on the cathode electrode. The methods comprise the steps of applying to a subterranean formation a pre-flush fluid, applying aqueous surfactant fluid, applying a low-viscosity consolidating fluid, and applying an after-flush fluid. The absorbent article exhibits a Bunching Resistance in the range of about 205 g to 450 g and may be formed with an absorbent core comprising at least two absorbent layers having different Gurley Stiffnesses.

1459827019-a50cff25-6f81-43ff-b836-efc6bfa91f48

An automatic strainer assembly for straining a slurry comprises an inlet for receiving the slurry, a horizontally disposed strainer body in fluid communication with the inlet, and a rotatable strainer member received within the body having an inner surface and an outer surface. In one exemplary embodiment, an Ethernet virtual network system has a multi-node E-Tree network comprising a plurality of nodes, including at least one ingress node and at least one egress node. A primary user may designate which users can view specific items and should purchase specific items. In particular, the second database stores Internet Protocol address prefixes and user-specified geographic regions for those prefixes. 11 media access control error-correction mechanism. In connection with the freezing of the image, the latter may be magnified in such a manner that a highly magnified image may be viewed without such discomfort as is due to shaking movements of the image while the user may perform a wide-angle-of-vision search for an image to be magnified.



1459827019-c313545a-052c-4aee-b5db-af621c1944f2

An interface for connecting networks includes an interworking function provided between a wireless local area network and a public mobile land network to provide communication interactions between the PLMN and the WLAN. Examples of articles include kitchenware, dental brackets, and reinforcing fibers, cutting tool inserts, abrasives, and structural components of gas engines,. The cover is also comprised of an optical enhancer. The computer system refers to a mapping that maps computer systems locations to corresponding electronic addresses. The Si substrate has a thickness less than the diameter of the through holes. Inter-radio access technology measurements are performed based on the collected AFRCN samples.

1459827020-0d17bab7-5db2-450f-8142-68d67ba17cca

Methods, systems, and apparatus, including computer program products, for ranking images are disclosed. The passive shielding elements are conducting layers located on the outer radius of the cylindrical gradient coil assembly in a cylindrical magnet system, conducting layers located at the ends of the gradient coil assembly in a cylindrical magnet system, and conducting layers located inside the actively shielded gradient winding inner elements in a cylindrical magnet system. By this, the outer leads can be easily attached to the semiconductor optical device. At least one actual MAC is computed based on the bitstream using a hash algorithm.

1459827020-2d82b9f6-977b-41de-8de5-74aed52042f6

A microfluidic device containing liquid reagents having an extended shelf life contains the liquid reagents in micro-reservoirs that limit the escape of moisture to less than 10% over the shelf life of the device. To provide a dry welding environment, segments of a lower caisson are passed through the core plate holes and assembled along the interior surface of the bottom head. The present asymmetric field ion mobility spectrometer is capable of improving accuracy of identifying peak positions of the ions, reducing scanning time of DC voltage and types of compensation voltage, thereby increasing ion detection efficiency. The first under-layer has a thickness of 0.

1459827020-318c93c5-ce8b-418f-8637-7acfeab17d9f

A method for section reducing an encasing tube to achieve excess length of fibers within the tube. According to one embodiment of the invention, a curable composition includes an oligomer and at least one monomer, which when cured forms a cured polymeric material having a Young's modulus of at least about 1200 MPa, and a fracture toughness of at least about 0. A supra lithographic blocking mask may also be utilized.

1459827020-8fd53f94-4109-4305-abde-f37f1fa1176e

The present invention includes a toy figure having a torso connected to a first leg and a second leg. When using the intra-vehicular network, a communication relay within the vehicle routes communications from the wireless device to a wide area wireless network such as cellular network or satellite network. The second wiring structure includes a wiring layer formed on upper surfaces of the first insulation layer and the via wire, an insulation layer formed on the upper surface of the first insulation layer, and an uppermost wiring layer including a pad used to electrically connect a semiconductor chip and the wiring layer.

1459827020-989998c0-b429-4637-9b63-8d27a058daed

A method for fabricating a conductor includes providing a plurality of conductive nano-scale material elements, dispersing the nano-scale material elements within a resin to provide a resin-nano-scale material mixture, aligning the nano-scale material elements within the resin-nano-scale material mixture, and curing the resin-nano-scale material mixture. The method includes determining if the buffer is congested, responsive to determining the buffer is congested randomly selecting at least two occupied units of the buffer and identifying a source of each of the data

packets stored in the occupied units of the buffer and generating a congestion notification message. Embodiments may also include design techniques for planar electric signal filter tuning. When an at least partially upward force is applied to the bassinet a lower end portion of the C-shaped hook element then receives a part of the support rod.

1459827020-ca7f7127-e7da-449e-8b82-33b164fc764b

A backrest of a motor vehicle seat has a sheet metal shell having several cutouts and an upholstery member arranged on the sheet metal shell. After the preliminary ejection operation of the large nozzles is finished, only the small nozzles are made to perform the preliminary ejection operation 2,000 times at an ejection frequency of 10 kHz. 05 \u03bcm to about 2 \u03bcm, and the grain size of the piezoelectric layer is preferably configured to be in the range from about 1 nm to about 50 nm.

1459827021-4215a0c5-451f-461e-a975-6afda0bb37c7

Disclosed are apparatus and methods for determining overlay between a plurality of first structures in a first layer of a sample and a plurality of second structures in a second layer of the sample. A second layer comprising at least 50 weight% carbon is over and physically against the first layer, and a third layer consisting essentially of a photoresist system is over and physically against the second layer. The distance traveled by the valve using these devices is more than 2 cm, commonly at least 20 cm, and in some installations up to 40 cm or more.

1459827021-4488f93a-458a-4f1f-a8bd-dd4ef6b05c1a

A lost circulation material and method for treatment employing the material is provided that has particular utility in offshore applications because the material may be used with saltwater or brine, as well as with fresh water, and is biodegradable. Each vaccine composition provides antigenic dnaJp1 peptide and, optionally, other peptide fragments of the microbial dnaJ protein and/or human homologs thereof. The service center computer configures the monitored computer system to boot from a bootable image file in the monitored computer system and reboots the monitored computer system into an alternate operating system environment of the bootable image file. The aperture may be protected by a leaf guard to prevent an accumulation of debris in the downpipe. A synthesis unit synthesizes the masked edge image and the foreground boundary image to generate a contour image. The virtual machine instance can be physically located outside the customer's network while functioning as part of the customer's network.

1459827021-a434ed2a-d343-4202-a5c8-0348e1a3c5df

This invention relates to capturing an image of a subject as a three-dimensional image using a single image-capturing apparatus. Such power consumption can be determined using an algorithm providing a functional relationship between switch-mode power converter power consumption and at least converter drive signal pulse width or frequency. Master host unit converts between analog spectrum and N-bit words of digitized spectrum. In accordance with another aspect, one or more friends of the user are identified from persistent data, and a check made as to whether each of them is logged in to the system. The connector can include a second housing, which can define a bore for receipt of a second electrical terminal. In a shell-and-tube type reactor provided with donut type and disc type baffle plates, reaction tubes are disposed even in the holes formed in the donut type baffle plates and an empty space devoid of a configuration of the reaction tubes is formed at the center of the shell.

1459827021-d634f3cd-37d7-4cb2-9135-a711a8142d6b

Provided is a watch capable of performing digital display as well as analog display. Additionally the first transfer body is adjustable from a first position where the first transfer body does not fit through the aperture to a second position wherein the first transfer body can fit within the aperture. The wetting

agent provides for even distribution of the aqueous car wax emulsion into the fabric and further promotes the even distribution of the car wax onto the vehicle surface when wiped thereon. These contoured structures may define a group of alternating peaks and troughs extending in two orthogonal directions. The filling body may include a thin tubular sidewall enclosing a longitudinal airflow passage that may be pressurized during installation, and deformable when unpressurized, thus providing mechanical protection against damage of the protective duct after installation.

1459827021-e12a392f-0463-4aa2-9094-4663db597db4

A method and apparatus for precoding validation in wireless communications with reduced error probability is disclosed. A water gas shift catalyst containing alumina, a platinum group metal, and oxides of Pr and Nd are also disclosed. The fin and the semiconductor layer may include different materials and have etching selectivity with respect to each other. Alternatively, the diameter of a small-diameter lining pipe R formed by winding around the forming frame 201 or 401 is expanded, and lining is performed with the back-filling material injected during this diameter expansion process. The sum of angular extents of a pair of individual thread sections is in total less than an angular extent of the corresponding angular segment.

1459827022-794c59e0-5ff1-4a66-bf35-0164e36aacba

Nanocarbon-based materials are provided in connection with various devices and methods of manufacturing. A computer implemented method for controlling an optimization transformation in heuristically controlled software includes defining at least one heuristic property for controlling a behavior of an optimization transformation, and creating at least one heuristic property modifier for each desired change in the behavior of the optimization transformation. A server receives a first input pattern from the first communications device, a second input pattern by the server from the second communications device whereby the second input pattern may be created by the same human operator. A deposition process may use an adjustment in oxidizer flow and/or partial pressure, the provision of a hydrogen-containing component, an adjustment in hydrogen-containing component flow and/or partial pressure, an adjustment in deposition pressure, and/or a modification of system component parameters, to control the characteristics of the dielectric film, e. This processing also includes decoding, by the receiving computer, a control block data structure associated with the signaling service message to determine contents of the control block data structure; and performing, by the receiving computer, an action related to the data transfer based on the contents of the control block data structure associated with the signaling service message.

1459827022-9dc7668b-621d-40f9-8bb4-6683b8f60db4

A manufacturing method based on a plastic working technique which can eliminate cutting and welding as much as possible in manufacturing an adjustable blade incorporated in a VGS turbocharger. A cross pin with a lever arm is operable to releasably hold the drawbar pin. Moreover, a stable pSiOCH dielectric film is provided in which the amount of Si<sub>2</sub>O<sub>3</sub> and Si<sub>2</sub>O<sub>2</sub> groups at least within the pores has been reduced by about 90% or less by the post treatment. A controller is adapted to provide information requested based on local queries and distal queries. The resulting multi-layer product exhibits reduced color migration between the two layers. Here, for example, there may be a threshold value that is associated with the classification characteristic.

1459827023-2cd591ff-e384-4f82-9d96-03c5966bf457

It is disclosed a dielectric element comprising a lower electrode, a dielectric layer, and an upper electrode which are provided on a substrate, in which at least one of the electrodes is a Pt layer, a Ru layer is used as a base layer for the Pt layer. The exterior face of the door faces the interior of a vehicle. The markings are formed as a plurality raised ribs protruding from the lower surface of the

planar structure. The coating is kept at temperatures for the duration of an activation time which attain at least an activation barrier temperature, whereby as the activation barrier temperature a value of at least 600°C.

1459827023-faa4684d-999e-48a3-84e2-170536f3e4f2

A fuel cell system in accordance with the invention includes a single, central electronic controller for controlling at least the Air Handling sub-system, the Reformer sub-system, the Power Electronics sub-system, and the Customer Interface sub-system. Performance monitoring is conducted on the DSL line on an ongoing basis to determine noise margins in each direction. The method also includes assigning the price level group to a grouping of at least one of services and retail products. The fixing roller has an elastic layer and a release layer of a fluorine resin having an Asker-C hardness between 60 and 85 at the time of application of a 1 kg load. The compound is represented by the formula :wherein the symbols are defined in the specification.

1459827024-34f84c10-53df-48e0-841a-bc23b23bb623

A method and system for performing adaptive tessellation of a subdivision surface. The LLF trajectory section takes account of predictions of the aircraft's mass and speed and climb and descent performance. There may be any number of senders and receivers, and any receivers may be a sender and vice versa.

1459827024-3d751487-bee0-4355-bf6d-133cf48a8902

An ice fishing slush remover for the quick, efficient and orderly capture, removal and discharge of slush from an ice fishing hole. The head support has a frame configured for arrangement between collapsed and assembled dispositions. The hold ring includes a groove in a ring-like shape for constituting a burr storing space at an outer periphery thereof and is welded to the inner periphery of the socket by ultrasonic welding. Simple motions may be used to retrieve an individual tag for programming, move the tag to a programming station, and then route the tag to a dispensing portion of the tag dispenser or to a storage area for defective tags.

1459827024-5ca88446-0c6a-43ef-9f15-135109df747c

A novel decompressorPRPG on a microchip performs both pseudo-random test pattern generation and decompression of deterministic test patterns for a circuit-under-test on the chip. It looks like a vanity with a built-in laundry machine and could be installed in any bathroom, kitchen or any utility room, mobile home, RV or even a boat having standard provision for sink connection. The printed circuit board has a connection portion and an extending portion extending from the connection portion. 05 degree or more and 2 degrees or less.

1459827024-62fc229a-aa66-4e09-8362-5ec9afc278ce

A tuning-fork vibration gyro including a ferroelectric tuning-fork vibration body generating a plurality of sensor signals and a sensor circuit to which the sensor signals generated by the tuning-fork vibration body are input. A container seatable on the base has an inlet for introducing food and an outlet for processed food. Each row can be electrically coupled to an associated transmitting electronic board or detecting electronic board to reduce electronic crosstalk.

1459827024-e64dd899-59eb-4c16-82b2-38c7a3372a03

A pipe for transporting hydrocarbons including textile tape of fibers or fiber windings having a thicker central section and thinner longitudinal edge regions, the tape being wound in a helical winding. The assembly includes a fixture that holds a surface profiling device. A retainer is located adjacent the top edge of the configuration. Via the associated data network, data communication is established between the computing device and the document processing devices. However, the ozone flows into the space and is retained in a housing to be thereby prevented from leaking to the outside.

1459827024-f300d78f-a481-4ddf-9077-67a8ca2b1449

Conductive contacts in a semiconductor structure, and methods for forming the conductive components are provided. Thus, the priming effect in the following discharge is generated. It may further include an electronic data processing and delivery system receiving a digital description of the pattern to be written, converting the pattern to modulator signals, and feeding the signals to the modulator. The interpolated device driver caches requests to the flash memory device, and when status is restored to just before removal, replays those requests to the flash memory device, so the flash memory device responds to those requests as if it had ever been removed. The pinned window may display content that was previously displayed within one of the tabs in the tabbed window or may display new content. The ideal impulse-producing time is a middle point of the n-th symbol of the received signal.

1459827025-36d02c46-6b57-4bd6-885e-667d13e8ab8f

A wheelbarrow including a wheel guard having tines with a reduced lateral width. In an image forming apparatus having a belt-formed member supported by a plurality of supporting rollers and a plurality of opposing members located side by side in a line to oppose and contact the belt-formed member, a pivot mechanism is employed to temporarily separate the belt-formed member from a part of the opposing members for color image formation. A leading-side transmission path from a connection point with the first capacitor to a connection point with the input terminal section is formed by only a conductive pattern. The reciprocation passage is formed of two fuel passages for connecting the switching port of the control valve with the control chamber in parallel. The pitch and yaw motion of the device is possible in a range of much more than  $\pm 221290^\circ$ . A method for manufacturing the multi-layer capacitor includes, in the same vacuum chamber, forming a dielectric layer, treating a surface of the dielectric layer, forming a pattern in a metal electrode, forming the metal electrode on the dielectric layer, and treating a surface of the metal electrode.

1459827025-a61c925c-8dda-45e7-a0ca-71ee2d436c28

A serial interface apparatus comprises a driver for generating a differential communication signal and a pre-driver for driving the driver circuit. The projections may be formed in a thermoplastic substrate to have a variety of shapes, including a shape that defines a base portion and a spring portion. The two 3D iris plates move between a retreat location away from the first through hole and a photographing location where a first photographing hole and a second photographing hole are formed.

1459827026-6eed52f3-3d86-47e4-938d-7366b9109c95

The invention provides improvements in reconstructive imaging of the type in which a volume is reconstructed from a series of measured projection images by utilizing the capabilities of graphics processing units. The powered airship may include an exterior shell having a front portion, a rear portion and a main axis; the exterior shell may be configured with an aspect ratio greater than or equal to 9:1.  $\theta$ , and sound proportional to a current is output by current drive. Each of the multiple weights associated with a given synapse, may be specified to have its own weight-adjustment facility, with its own error-values, and its own specified learning and aspect includes a separate sum and transfer function for each synapse weight. The system utilizes a switch kit application and associated system that can determine services at the old account and facilitate the transfer of these services to the new account.

1459827026-e1cb1cac-efa9-477a-903f-f1761d72b859

An improved system and method for moving an object includes a first correlated magnetic structure associated with a first object and a second correlated magnetic structure associated with a second object. A cavity is milled in a card body. Messages may also be transmitted from end-user devices to the server computer

system, translated, and transmitted to the operator switchboard computer system. The lip also may define a hole for receiving the stem or, in accordance with an alternative embodiment, for receiving a post or the like associated with the oil filter element. The interface is thereby utilized to interpret the abstract model to create a formatted interactive video, which is a version of the abstract model compliant with an export format from the plurality of different export formats. By such configuration of a head slider, when inertia force caused by external impact or the like is applied to the head slider, air layer formed between the air bearing surface of the head slider and the recording medium surface acts as an air spring while the head slider rotates in the pitch direction.

1459827026-ed7d49a0-1e8e-4eb6-989d-ecae93b90286

A packaging substrate structure with an electronic component embedded therein and a fabricating method thereof are disclosed. Pharmaceutical compositions comprising the compounds and methods of preparing and using the compounds are also disclosed. The Internet facsimile apparatus registers an Internet facsimile function and Internet address of a partner apparatus as destination data. The stator also preferably has a coil support finger plate positioned at an end portion of the plurality of stator coil slots. Also, a conversational browsing architecture is provided for use with these and other authoring techniques.

1459827027-0197e609-f3ba-44b1-bf12-df3b6162bbb5

A method for producing Group 8 metallocene or metallocene-like compounds employs a compound that includes a Cp<sub>2</sub>U<sup>2+</sup> anion, such as found, together with a counterion, in a cyclopentadienide or cyclopentadienide-like salt. The comparator compares the input signal relative to the reference signal and generates an output signal transitioning between a first logic state and a second logic state responsive to the magnitude of the input signal transitioning through the magnitude of the reference signal. If the impulse exceeds the threshold, the tool pulses the impulse data to the surface where the calculated impulse is correlated to efficiency of the assembly as the drillstring is used to drill in real time.

1459827027-12dd1e57-980a-43a1-ab6f-4543de0bcaa9

A communication network such as a cellular network or a WLAN includes a set of user terminals. A plasma grid assembly is positioned in a reaction chamber to divide the chamber into upper and lower sub-chambers. Memory is operatively connected to the imager and stores the electronic image as a stored image. A tensioner pulley is mounted for rotation on the tensioner mounting ring and is configured to engage the drive belt on a side of the motor-generator unit drive pulley. The electrode is configured for unwinding when the proximal portion rotates about the inner probe shaft in one direction, thereby placing the electrode in a radially expanded geometry, and configured for winding when the proximal portion rotates about the inner probe shaft in another opposite direction, thereby placing the electrode in a radially collapsed geometry.

1459827027-8b545b6c-b5dd-428d-9c84-bf5a4a103a08

A semiconductor package with connecting plate for internal connection comprise: a plurality of chips each having a plurality of contact areas on a top surface; one or more connecting plates having a plurality of electrically isolated connecting plate portions each connecting a contact area of the semiconductor chips. Each EEPROM memory cell comprises a drain region, a source region, a gate region, and a body region. A carbon-based resist layer is deposited on the negative-tone resist layer, and a region of the carbon-based resist located over the black pixel is exposed using a second mask. The high resistance region embraces an antinode region of the particle velocity distribution with respect to a standing wave occurred in the hollow cavity at a resonance frequency, thus causing an acoustic phenomenon decreasing the resonance frequency compared to a single unit of the pipe member. The first power supply sensor examines the first power supply to recognize when a failure occurs.

1459827027-ab0f8b20-027a-4f8f-9159-64f921a82444

Embodiments of the invention relate to a method, system, and storage medium for providing automated purchasing and delivery services. The actuator includes combinations of magnetostrictive alloy compositions and prestress values to provide improved temperature response for automotive applications, such as fuel injectors, without the need for complex electronic controls. In some embodiments, the processor activates a visual indicator, such as a diode, to indicate the direction of vertical. Between the longitudinal conveyors there is placed the endless conveying chain, which has to its entire extent fastened clamping units that have inside the fixed housing inserted the clamping mechanism, the operation of which is regulated by the control field and control indicator.

1459827028-035fbf2e-f375-40c8-bcbe-e6f854f0cdef

A soybean cultivar designated S050226 is disclosed. A series of the devices are placed in side-by-side relation essentially parallel to the shoreline. The pulse oximeter has a sensor port that receives a photo-plethysmographic signal as input to an internal processor. The snapshot repository may also be monitored for determining if the amount of information stored in the snapshot repository has reached a predetermined maximum snapshot repository volume whereupon a warning may be provided. A support bracket has a bottom arm telescopically engaged with the central shaft and includes a tubular top sleeve that is adjustably connected to the linear bottom arm. To deter dirt particles from proceeding to electronic components, the cooling structure can include a second flow channel, which starts from a port oriented transversely to the first flow direction or away therefrom and receives part of the flow from the inlet, and which conveys the part of the flow to an electronic component located in the second flow channel.

1459827028-53747a7e-d94b-40bc-8d96-0238231a2666

A social media platform is provided for interacting in a three-dimensional platform. Each of the sub-drivers includes: an output transistor connected between a first power supply and an output wiring line to allow the output data to rise or fall according to the digital data; and a switching transistor and a slew-rate control transistor which are connected in series between a gate of the output transistor and a second power supply. A housing includes an anti-rotation seat configured to engage the first and second opposing surfaces, the anti-rotation seat including parallel first and second contact lines positioned at a front of the anti-rotation seat. End members adapted to be secured to a structure at opposite ends of two transoms. First separator vapor stream is expanded and sent to demethanizer.

1459827028-70bbd4a5-bd26-4d9a-b540-476b9b80e26f

A flexible sleeve for containing a pot and/or floral grouping and/or growing or retaining medium. The preferred embodiments also relate to methods of using such compounds, or derivatives thereof, e. A muzzle velocity calculating device converts the detector signals to a muzzle velocity, which is displayed on a display screen.

1459827028-9f47188e-d1ea-4e6f-93f6-55334ff5ff6e

Platinum and palladium complexes are disclosed that can be useful as narrow band phosphorescent emitters. The machine includes a work surface, a portion of which is upwardly pivotal. The apparatus can comprise any high peak power pulse source and delivery fiber supporting Raman soliton generation. According to this embodiment, the memory array further comprises a channel region situated underneath the tunnel oxide layer and extending along the trench sidewalls and the trench bottom, where the channel region has an effective channel width, where the effective channel width increases as a height of the trench sidewalls increases. Short tubes are constructed from pairs of approximately aligned 3D circles.

1459827028-ce3b53d5-152b-4a31-ba13-4ea994d76ddb

An infant support structure having a frame, a support, and a height adjustment mechanism. There is provided a fiber-reinforced composite material including an assembly of cellulose fibers impregnated with a matrix material. The dual core also comprises a core layer disposed about the center component, formed from a thermoset material, a thermoplastic material, or combinations thereof. One system includes a server system including graphics memory, a frame buffer and a processor. At least some of the adhesive pellets are in contact with an adhesive layer of the waterproof membrane so that the waterproof membrane and the concrete layer are both adhesively bonded together. The second holding unit is configured to be displaceable on a surface of the first holding unit along a groove portion formed thereon.

1459827028-f97fae21-4f8d-45ef-b898-2fa39f810e7c

The present invention provides a bowl stacking separation device and a method of stacking bowls using the bowl stacking separation device. The routing units input there into an optical signal outputted from either of the wavelength branching unit and the intra-office signal input unit via a first optical path group, and convert an input optical signal into a predetermined wavelength to thereby output a wavelength-converted optical signal to a second optical path group. The first photon is reflected off an object. The socket comprises a first retainer ring and a second retainer ring.

1459827029-38106b68-bd36-441c-bba8-637f7bb1cefe

When reconstructing low-collimation nuclear scan data into a nuclear image volume, a spatial frequency-dependent filter function is applied in Fourier space to the reconstructed image to improve image resolution given a predefined number of reconstruction iterations and/or to reduce the number of reconstruction iterations required to achieve a predetermined level of image resolution. The circuit board includes a first surface, a second surface, a connect part, openings, metal contacts and metal units. The holder plate selectively opens/closes the lower portion of the frame so that a pipe connection operation can be easily performed. The switch is driven by an on/off control line extending from a decoder circuit.

1459827029-7adc9b2e-40e3-4dc4-90a6-46e5a5af76e7

The invention provides an image forming method and apparatus capable of forming an image with a desired shape at a correct position on a recording medium having expansion and contraction properties. Depending on the vertical location of the engines with respect to the wings, the anti-ice subsystem is configured on an upper or lower portion of a leading edge of the wings. The absorbed energy causes the reaction of an activator and a color-forming material to form a mark. The left and right inputs of the directional controller control various options at the active level of the user interface and the select input allows the user to select an option.

1459827029-93f2d24e-2565-4c9e-9c0a-405deacfe664

A client-side mechanism that enables a web browser user to manipulate an animated graphic served from a web server. The combination also includes a plurality of connecting components mountable on the tree trunk and a plurality of display components mountable on the connecting components. Production managing information is written to an RFID tag, and includes a roll number and slitting number, which are related to the film web and the continuous photo film. This invention also relates to soybean cultivars, or breeding cultivars, and plant parts derived from soybean variety 83121431, to methods for producing other soybean cultivars, lines or plant parts derived from soybean cultivar 83121431, and to the soybean plants, varieties, and their parts derived from use of those methods. Copies of this patent with the color drawings will be provided by the Patent and Trademark Office upon request and payment of the necessary fee. A refractive index  $N_{d1}$  of the first fluid material, a refractive index  $N_{d2}$  of the second fluid material, a minimum value  $RA$  of a radius of curvature of the cemented surface of the cemented lens, a focal



length  $f_a$  of the whole cemented lens, and a focal length  $f$  of the whole lens system satisfy the conditions specified in the specification.

1459827029-f06e1c24-2669-470c-9a2b-a24e75a34632

A nonvolatile memory capable of acting at each 1 bit and having a high integration density. The second pad has third and fourth sub-pads that are connected to each other via a route bypassing the mounted circuit chip and that are connected to two terminals formed at two positions on the other diagonal of the lower surface of the circuit chip, respectively. The adjusting shaft is guided into the adjusting mechanism through one of the bearing points.

1459827030-01ca88ed-e8f9-4550-9728-201d4c0edfdb

Methods, systems and devices to dynamically generate community based parental controls for cell devices based on most common parental control settings selected by members of the community. Such systems utilize predetermined lengths of microfluidic tubing that act as storage buffers for the substantially all of the output of each column, preserving all data and, because the storage buffers are microfluidic, there is minimal diffusion between sample bands and solvent and signal clarity is preserved. In certain embodiments the conversion of a labeled substrate to a labeled product may be detected.

1459827030-0d11a75e-6f67-43c3-871e-1d3f029793db

Disclosed are carboxamide compounds, as well as pharmaceutical compositions and methods of use. In one embodiment, a controlled voltage is applied to conductive leads in the display and the resulting current is measured. Then, by twisting a knob of the plugging device behind the connector, the two sticks are opened so that the hooks at the front ends of the sticks lock to the network socket for reliable connection.

1459827030-20fc0bfff-097a-4d95-87d7-2466ac253b81

In a method for manufacturing an element of a modular scaffolding system, an at least partly galvanized pipe part having a first end and a second end is provided, together with an at least partly galvanized first connection head which is designed to be connected to the first end of the pipe part. One register block includes logic for performing limited left shifting, while the other register block includes logic for performing limited right shifting. In one embodiment, the base fitting is a recess formed in the base; and the room module fitting is the floor of the room module. Water is drained from the column until an SOI criterium is met. The molecular exchange device comprises a casing, extending from a proximal end to a distal end, supporting at least two fluid passageways extending from the proximal end to the distal end; the casing comprising at least one exchange aperture between the distal end and the proximal end, wherein a portion of the fluid passageway exposed by the exchange aperture is porous. The signal digitizing circuit includes a variable gain amplifier and an ADC having a fixed number of bits.

1459827030-329624a5-a175-44a8-9a62-0532c5609b89

Synchronous local and cross-site switchover and switchback operations of a node in a disaster recovery group are described. The polymer is melted and mixed in a zone. A projection of each of the reflecting sheets covers one LED element. The set of reservoirs in which a reservoir is being filled is isolated electrically from the applicator, and of the set of reservoirs in which a reservoir is dispensing coating to the applicator is isolated electrically from the supply system.

1459827030-8fcb20e0-e91c-49de-937d-7f21bd2772ef

A vehicle seating assembly includes first and second side supports defining a seatback structure that is operable between upright and reclined positions. A flexible metering housing is disposed in fluid communication with the fluid storage region a first one-way valve disposed between the container and the flexible metering housing. The programming instructions further operable to model the at

least one source of variation for at least two patterns in at least one level of the integrated circuit design as at least two sources of variability respectively.

1459827031-2a509491-b5aa-4898-aa23-c6e3e92c4894

A method for exhausting gas from an aircraft engine assembly is provided. The system and method detect whether the propulsion unit is generating the stream of water. A second layer of ARC is next applied over the surface of the etched first layer of ARC, this second layer of ARC provides a layer of ARC that is of uniform thickness over the supporting surface. This is achieved by either shifting the X-ray sources axially with respect to the ring-shaped phase grating or by disposing the X-ray sources in the interior of the ring. In the exemplary embodiment, the value of one or more individual operations are explicitly expressed by the rules that are imposed on the results returned to the arbiter facility by the various verification points within the test script. The one-dimensional detector unit has an ionizing radiation sensitive thickness, which is larger than the thickness of the fan-shaped beam when impinging on the one-dimensional detector unit.

1459827031-6fad7a9c-8d6a-411b-94d7-d1a38e282d2e

An image forming device includes a photosensitive unit, a developing unit, and a positioning unit. A reference electrode connected with a reference voltage line of integrated circuits is increased in number to plurality, and each of the reference electrodes is disposed on top of the semiconductor piece, and on opposite sides of the respective signal electrodes connected with the signal lines of the integral circuits while short circuited at a conductor layer. The substrate includes a reservoir in fluid communication with a passage. If the player purchases the first card, the player can thereafter keep the six card hand or purchase a second card at a second higher cost.

1459827031-7607f4b5-c7b3-46ab-b2bb-6547835502c9

The invention relates to novel active compound combinations of certain cyclic ketoenols and certain insecticidally active compounds that together have very good insecticidal and acaricidal properties. The outer surface of the core includes a conical surface which tapers in the axially inner direction, having a straight profile, when viewed in axial section. Thereby it can be automatically determined based upon absence or presence of an optical signal from the light-receiving device whether or not an attachment state is appropriate. The system of the present invention is a system capable of multiple functions with minimal losses with respect to efficiency. Moreover, the structure can be simplified to contribute to a reduction in cost, as compared with a system in which a ball is disposed at an abutment point.

1459827031-ee89da30-6b4c-4cf1-9170-8f16065549a4

An adhesive formulation including an acrylate monomer and/or a methacrylate monomer, a chlorosulfonated polymer resin, and a reducing agent. The method allows bananas to remain in the ripened condition for an extended period of time while, at the same time, having improved sweetness and taste characteristics. The temporary storage server is provided with the capability to determine whether a state exists that allows communication with various servers. A protection system features multiple lengths of such protection sheet joined by hook seaming tape. According to an embodiment of the invention a resistance variable memory element is provided having at least one silver-selenide layer in between glass layers, wherein at least one of the glass layers is a chalcogenide glass, preferably having a GexSe100-x composition. Messages can be identified as being exempt to being filtered by editing an address book or selecting entries from an address book.

1459827032-5a4638ff-ff92-48df-9c0c-4e0ebb292f02

A capacitor is provided, in which an anode and a cathode are led out in a same direction, whereby ESL and ESR are lowered at high frequencies. The light-sensitive and/or X-ray-sensitive sensors of the sensor arrangement are arranged in a planar

distribution on a substrate, thus forming a sensitive layer. The method monitors the configuration file stored in the storage system, determines whether the configuration file has been modified, and generates a notification message to notify a first application program that the configuration file has been changed. Upon completion of execution of the job, the service provider transmits, to the server without intervening the Web browser, completion information indicating the execution result and added with the session ID. The at least one filament is located at the second opening and is configured for emitting electrons to escape the space from the first opening.

1459827032-7db9660a-115c-4a9b-a39c-b14412da3748

Speaker normalization is carried out based on biometric information available about a speaker, such as his height, or a dimension of a bodily member or article of clothing. An output of the first comparator is frequency-divided by the first frequency dividing flip-flop, while an output of the second comparator is frequency-divided by the second frequency dividing flip-flop. At least one projection is disposed on at least one boundary face of the slot, and a recess, neighboring the projection, is disposed in the circumferential direction of the press-in pin. In one embodiment, a plurality of chair covers are packaged so that the plurality of chair covers are combined together on a roll and separated by first perforations. A request is then received for one qualifying base table row. A unipartite edge dual graph is generated from the bipartite graph, and a minimum clique partition of the edge dual graph is recursively determined.

1459827032-aebd993d-516d-4f87-ba80-df49448cae69

In a variable valve mechanism, a control shaft is associated with an advance oil passage such that the same passage is closed by the control shaft when a maximum valve lift amount of an intake valve is equal to or larger than a reference lift amount. The switched mirrors are controlled by a voltage source and based upon the desired controllability of the switched mirrors and wide range of switching and or routing of an optical signal can be effected. The filter unit may include a filter for purifying the air flowing therethrough, a filter basket in which the filter is seated, and a door fixed to the filter basket so that the basket may be drawn in and out in a drawer-like fashion. The end cap assembly has a plurality of internal feed passageways through which fluid from the internal delivery passageways flows into the mixing chamber. The process is well adapted to the known SIP protocol and allow the end-users of the network to share the same QoS information relating to the communication. According to one embodiment of the invention, an argument reduction stage uses an approximate reciprocal table in the computing device.

1459827033-42917c1a-7df5-4580-b70d-2eff0039f682

The data to be recorded onto a recording medium is directly spread and then recorded onto the recording medium through a needle-shaped member, such as a probe. The receiver and transmitter together define an active transponder. The fixed external field is created by other components in the sensor device housing which have a high but static field with respect to the low magnetic field that describes orientation information. The compositions are useful in cleaning applications.

1459827033-83d4ee3a-3505-4e5d-bd26-c33a9a6df0b1

A method for making a multiply fibrous structure. An input member is connected for common rotation with a ring gear of the first planetary gear set. The indicating assembly has a second printed circuit board, a number of LEDs assembled on the second printed circuit board, and a number of L-shaped terminals mounted into the L-shaped slots. The lock mechanism, integrated with the hinge mechanism, locks the seat-cushion at an upright position, at which the seat-cushion is pivotally flipped up about the hinge mechanism so that the compartment is accessible.

1459827033-8651a408-a0cc-436c-8cdc-855fb4baa629

A circuit includes an inputoutput circuit, a first node configured to have a first

voltage level, a second node configured to have a second voltage level, a third node, and a switching circuit. Each lamp on the track may be set to respectively different intensity levels or the user can uniformly control the lamps to be set to the same intensity level. A signal processing unit receives from the catheter ablation structure the recorded one or more intercardiac electrograms from the potential ablation site and performing Fast Fourier Transform on the recorded one or more intercardiac electrograms as so to produce one or more spectral power distributions of the potential ablation site. Subsequently, each transceiver receives laser energy as it is backscattered from the air. An aerodynamic fairing may be disposed on the pylon to decrease drag.

1459827033-a3e16f04-c1ff-4f32-add6-a514ac67601a

The generation of a ski jump along a peripheral portion of an optical recording medium when a resin layer is formed by a spin coating method is suppressed. The wire body has a plurality of protruding portions on the external surface and recessed portions between the adjacent protruding portions. The score lines enable the user to remove a dulled or damaged cutting point, which in turn provides the user with two additional cutting points defined by the points of intersection between the score lines and the cutting edge. The two ropes extend through a ring positioned between the two termination units.

1459827034-47729c23-4bb3-4c06-84d3-281bcbce2aa8

A method of manufacturing a composite wheel. The method includes, generating a control signal according to a regulating signal inversely proportional to the output voltage of the voltage converting circuit. The overvoltage protection portion is disposed on the surface and thermally coupled to the overcurrent protection portion.

1459827034-6e67604f-872b-4ed9-b2ae-21b790b3d903

A variable capacitance measuring device can comprise any one or more features in various different embodiments allow a reliable, compact device to be achieved. A sensor is attached to the fabric base and disposed at the point of interest during the isometric exercise, and measures a pressure magnitude at the point of interest and provides a pressure signal corresponding to the pressure magnitude. Thus, a twin-cell type semiconductor memory device capable of reducing a plane area occupied by a memory cell part while maintaining good retention characteristics. The control mechanism is coupled to the mounting member and is adapted to control braking and shifting.

1459827034-7d4c1686-7f4b-4148-8343-0639d36ca1d0

A code sequence made up multiple instructions and specifying an offset from a base address is identified in an object file. An auto-restart system can include a parent task control block, a child process, and a shared resource. The wireless communication device is coupled to the wave antenna to provide wireless communication with other communication devices, such as an interrogation reader. A motor mount is removably mounted to the connector beams and is adjustable to accommodate various lengths of motor shafts. One node of the loop is grounded and a voltage detection node is located on the loop.

1459827035-031cb186-834c-4178-b3a4-c80507f9692a

A cross-process layer is generally directed to exposing instant messenger presence information on a mobile device. The heated air is discharged as a heated primary airflow through one or more outlets, wherein the primary heated airflow mixes with the airflow created by the distribution fan, thus creating distribution of heated airflow throughout a room. Among a number of advertising messages, the facility distinguishes advertising messages identified as corresponding to any of the distinguished subjects. The support may form a portion of the front edge of the complete fin when the partial fin is in the deployed position.

1459827035-0f2a7991-dc1d-4ace-8b40-a317064de630

An image sensor and a method of manufacturing the same are disclosed. The present invention also relates to a process for the manufacture of a shaped article including the step of injection molding the polymer blend. A first resistor of the two resistors is connected between the first terminal and the second terminal. The perimeter wall has a lower section that includes the bottom edge.

1459827035-28d4bbf6-cc97-4187-8a5c-a3d138f8a6d8

Provided is a tooling system for use in an associated press comprising a lower tool shoe, an upper tool shoe, a first set of tooling plates, and a second set of tooling plates. A composite sole volume between an outer sole and an inner sole incorporates shock wave guide elements of a material having a high acoustic speed, in the form of glass strips which extend spatially from the outer sole obliquely laterally outwardly to a side of the sole volume. The selenium-containing runoff water is caught in ponds. The respiratory mask may also include an external shield to enhance sealing and provide a barrier of protection for the healthcare provider.

1459827035-4e9e044c-5185-4154-8a0a-2fb2953a1e4d

An optical waveguide device includes an active optical waveguide device and a passive optical waveguide device. A method of forming an ESD protection circuit with a diode string coupled to a diode-isolated, gate-grounded NMOS ESD device. The primer coating composition is formulated preferably as a fast setting polymer latex capable of forming a chemically crosslinked polymer matrix when applied to the surface of a compressible mat.

1459827035-5d9ba4b6-493b-484b-8bc3-593b0b97ecd8

A naming service implementation method and apparatus. An embodiment is a semiconductor device including a molding material over a first substrate with a first opening having a first width in the molding material. The pillar layer also includes a plurality of radial heat conductors that have at least a portion overlying a heat source that is within and overlies the semiconductor substrate.

1459827035-81ceda9f-e83a-4d71-89db-7a7ed458922e

An information system environment is described that, among other things, facilitates integration of electronic commerce and physical store front retailer selling channels. The riser tower includes a plurality of fluid conduits, which may comprise production flow lines, gas-lift lines, water injection lines and/or umbilicals. Some predetermined unit intervals of the additional information generated in N unit intervals of one field of the video signal, are phase-inverted. If no edge occurs or is expected to occur, the bias current has a low value during the whole select time of a row of pixels. Furthermore, the position of the manipulator is modified as needed following a rotation or scaling operation so that it is oriented for ease of selection by a user.

1459827035-a59890a3-1865-4bdb-89bb-3e8c8a568ee0

Apparatus and methods provide for an aircraft empennage that utilizes two torque tube members to create opposing sides of the empennage. The antenna includes a quarter-elliptical shape that maximizes the antenna area to facilitate transmission of electromagnetic waves through the enclosure. Utilisation of primary fossil energy according to the invention also reduces the specific CO<sub>2</sub> emissions per ton of crude steel.

1459827035-c88b8b92-a4ce-493c-b168-0679ca26238a

A network transport layer accelerator accelerates processing of packets so that packets can be forwarded at wire-speed. The fiber includes a core extending along the waveguide axis, and a confinement region extending along the waveguide axis and surrounding the core. The wireless voice information is scraped from the online bill and stored in a database for subsequent access, processing and output. The output of the rotor is input to a sun gear 220 and transmitted to planetary gears

230. The ventilator has a detector for determining a parameter related to breathing dynamics for the patient, this detector being connected to the control unit and control unit controlling the pneumatic unit dependent on the parameter related to breathing dynamics in the case of loss of EMG signals at the input. The second length does not overlap the first length in a vertical direction, so that the tooling can be downwardly inserted between adjacent wafers and press on a top face of the rib of the frame.

1459827036-37e2a89e-16dc-4794-82d0-78cd39cd6114

Mobile terminated call establishment during inter radio access technology re-direction. Examples include linking internet users, searchers, viewers and/or listeners of the same and/or similar internet content to each other via a platform that enables any of the following in n-dimensional environments: social networking, communications, sharing, e-commerce, advertising, search, hosting and registry services, push and pull applications, anonymous communications, and rich presence. The target vessel has a target vessel wall defining a target lumen and has an opening in the target vessel wall. The user may select the link to a particular panel to navigate to that panel, without also having to pass through any intervening panels.

1459827036-77a3a20b-f862-4360-911b-dd28267e363b

An object is to provide a charge connector that can close an inner lid section and an outer lid section by one action to reliably avoid forgetting to close the inner lid section. The relationship between the combined focal length of the first and second lens units at wide-angle end, the combined focal length of the third lens unit and the lens units on the image side of the third lens unit at wide-angle end, the focal length of the second lens subunit, and the focal length of the rear lens unit at telephoto end is appropriately set. The two drive circuits taking charge of the two printing element assemblies send printing input signals to the respective printing elements which are to be driven according to the two sorts of printing timing signals received by the drive circuits. Pins in the most difficult group are placed first by applying a method that, in a preferred embodiment, places pins within the limits imposed by current density requirements while achieving high pin density within those limits when pad resources are relatively limited. Each cover unit has two cover plates disposed pivotally at two transversely opposed sides of the passage opening and movable toward each other to a closing position that covers the corresponding end piece, or away from each other to an opening position that permits passage of the corresponding end piece.

1459827037-1a92b736-763d-46b7-ac52-735c8ddd612e

A boat comprising a wake shaping system comprising starboard and port wake shaping devices located aft of the transom, each wake shaping plate device comprising a first mounting portion coupled to the transom and a second plate portion pivotably coupled to the first mounting portion. When one switch opens, one plunger is shifted into its opening position and the other plunger is shifted into its locking position. Airborne particles are channeled into a detection device, where the particulates are concentrated. The calculator determines a reference value of the rate of slug by which the ash deposition ratio is reduced on the basis of the relationship between the preliminarily measured ash deposition ratio and the slag ratio. These coatings may also comprise additives such as UV absorbers, corrosion inhibitors, and electrically conductive materials. The method includes to self-detected writing to a multi-bit thermally assisted MRAM.

1459827037-3d5840df-101c-4deb-8fb6-ec6b4550723e

A vehicle seat, in particular commercial vehicle seat, is provided with a framework, in particular scissors-type framework, a seat frame which is articulated thereon via a pivot axis, and a backrest which is attached to the seat frame and by means of which a torque acts about the pivot axis on the seat frame in the event of a crash or misuse. The drill string includes a shifting tool, a receiver in

communication with the shifting tool, and the drill bit. In a first mode, the pump may pump fluid in one direction and in a second mode, the pump may pump fluid in the opposite direction. A gain control device is coupled to at least one from the group including the first stage input ports, the first stage output ports, and the second stage output ports. In various embodiments, the cable drive system may comprise a winch assembly or a pinion driven rack.

1459827037-b8597585-96c5-4067-a7db-57d23dd077c1

Security of ADS-B transmissions is improved in a first embodiment to detect position spoofing. The process starts with a substrate over the surface of which are designated a first surface region for the creation of CMOS devices there-over and a second surface region for the creation of LED devices there-over. A communication control adjustment module included in a communication control adjustment unit, based on request conditions from a user, determines an execution position of the communication signal control module used for the control of the communication flow. A rectilinear stabilizing bar traverses longitudinally across the body, is statically seated within the solid core, is intercalated between the outer layers, and has a threaded aperture formed at a midpoint thereof.

1459827037-d37bdcb9-2f4e-4e48-8817-c6adc3adde78

A multilayer mounting mat for an exhaust gas treatment device including high temperature resistant inorganic fibers, optionally organic binder, and optionally intumescent material. The differential pressure sensor also includes a sensor housing having a sensor chamber containing the sensor chip, a first pressure guiding duct guiding the first fluid pressure to a first inner wall face of the sensor chamber, and a second pressure guiding duct guiding the second fluid pressure to a second inner wall face of the sensor chamber. The determining unit determines one of a plurality of operation modes of the apparatus. The generator R being a generator with permanent magnet excitation is mounted to or into or in lieu of the casing 20. The vacuum surge suppressor also includes a second fluid path for coupling to a vacuum pump. The second pumping section comprises an externally threaded rotor.

1459827038-60321e62-a2a2-4a12-be14-61e0dff2b682

A client-server based electronic medical record replaces paper records in outpatient clinics. The force vector may be used to facilitate manipulation of the catheter either directly or automatically using a robotic system. An n-side electrode and a p-side electrode are formed on the buffer layer and the diffusion region, respectively. When the drain pan fills with water, the safety float switch used to shut down the air conditioner is coupled to a solenoid valve mounted on the purging device wherein a charge of gas is directed into the drain line for removal of the clog.

1459827038-bd706ddd-3c12-4123-a13c-08a11af437ee

A surface-mountable optoelectronic component has a radiation passage face, an optoelectronic semiconductor chip and a chip carrier. A program is scheduled to be broadcast at the same time in different first and second formats respectively in the first and second multiplexes. The second circuit can generate an upper control voltage limit and a lower control voltage limit associated with a control voltage received by the VCO based, at least in part, on the output common mode voltage. Routing to the egress terminating interface in the controlled compatible network is performed on the internal routing address only, without reference to the external service address. The controller sets different values of the F-number of the light amount adjusting unit in accordance with a state selected by the mode switching member, or varies a moving range of the movable optical component in accordance with a state selected by the mode switching member. An update module interfaced with the voltage regulator monitors operating conditions of the voltage regulator to update the coefficients used by the controller.

1459827038-e3ab03ac-3be1-4fbf-bc98-32768e4fdbbb

The system comprises a light source, supplying an incident light beam illuminating the ophthalmic lens. The system includes one or more splitter modules which are designed to be mounted in the fiber distribution rack. Display data is provided to an electronic display that causes the display to show the runway centerline and the one or more distance markers. A curriculum item from within the first curriculum is selected. The transition signal may be a pulse width modulated signal having a duty cycle between 20 and 100 percent to provide for an acceleration that avoids the problems of conventional control systems. The filter may be a spin on oil filter, which includes a combination dual valve element defining an integral anti-drain back valve and an integral relief valve, a retainer assembly for maintaining the combination dual valve element in position in the end cap, relative to the filter.

1459827039-1e8bdba4-3297-4495-907f-5bbb1ecf1a72

A new and distinct cultivar of Lobelia plant named \u2018KLELE06114\u2019, characterized by its semi-upright and trailing plant habit; freely branching habit and short internodes; dense and bushy plant form; continuously and freely flowering habit; and dark blue-colored flowers with white-colored eyes. A doubling circuit receives the input signal and doubles the input signal to provide a doubled input signal using an amplifier and a first capacitor. Bragg gratings of demultiplexer units are parallel each other. Namely, the number of data lines interposed between data lines respectively connected to two adjacent sense amplifiers is set to even numbers. For the next M data bursts the receiver estimates the timing location of each data burst based on the average timing location for the first N data bursts. An option method of a semiconductor chip includes setting a first option mode of the semiconductor chip by use of the first option circuit; setting a second option mode of the semiconductor chip by use of the second option circuit; and determining a final option mode of the semiconductor chip by selection of the first option mode or the second option mode.

1459827039-51105258-6893-49b3-bb1c-fb49b5969286

A grey glass composition is suitable for architectural and/or vehicle window applications. The bristle is produced through cutting an extruded monofilament to length and tapers towards its useful end to form a kind of tip. The second computing service can receive the message that includes the session token from the passive client, and the second computing service can verify that the message is valid.

1459827039-d124bdea-5e45-4c7e-bff5-16380557f631

A device and method for connecting a camera to a scoping apparatus for viewing and taking photos of an eye-ball or other object imaged by the scoping apparatus. In this connection the first mirror element is additionally tilted in a transverse direction perpendicular to the longitudinal direction and the apparatus has a second mirror element besides the first mirror element which is tilted in the longitudinal direction and in the transverse direction with respect to the first mirror element. If the playback apparatus is in the state of currently performing the AV playback, the playback control engine instructs the playback engine to perform the AV playback at a predetermined speed level.

1459827039-d35af056-69ec-4a61-8950-2cddf8dc8f3e

A method and system of coating an implantable device, such as a stent, are provided. The high pressure rail is connected to the pump with a supply line. The content receiver may modify the received content by periodically inserting subliminal frames in the received content as specified by the setting. Compressibility comparison data is prepared by calculating, from a section of the first conductor clamping section after clamping the first conductor clamping section, compressibility of the first wire with respect to the first conductor clamping section based on the one of the dimensional variation and the ratio of the dimensional change. Optionally, data in the temporary storage can be archived.



1459827039-f41ca165-40ea-4b25-865e-39cad65eec9c

The described implementations provide arrangements and procedures for scan converting data into compressed representations of pixel data. The electrical machine includes a stator winding, a rotatable electromagnet, and a voltage regulator. The sliding contact surface of the commutator has a plurality of peaks and valleys that are substantially regularly and alternately arranged in both axial and circumferential directions of the commutator. Sourcedrain regions drawn back from the gate electrode of the field effect transistor structure reduce an overlap capacitance between the gate electrode and the respective sourcedrain regions.

1459827040-17c6584c-056a-4833-b210-5ed0d2ad0d74

An insulated icemaking compartment is provided in the fresh food compartment of a bottom mount refrigerator. In one embodiment, the device may include a transparent concentrating lens having an outside surface and a top and bottom portion wherein the bottom portion may be configured to receive concentrated light. The data-intensive computer also includes an operating system sub-system formed by a plurality of operating system servers that extend a unifying operating system environment across the processing sub-system, the database sub-system, and the operating system sub-system to act as components in a single data-intensive computer. The device may be pushed onto a threaded stud to rapidly affix the substrate to the support structure.

1459827040-1f2333f2-dad4-4616-adaf-a79a1e451840

Clamps are disclosed for holding an optical element relative to a support. Projecting locks project laterally along the plate surface and a bent lock bent outward substantially at a right angle with respect to the plate surface are arranged vertically one above another on each lateral edge of each fixing fixture. The one or more viewing events or actions may have associated therewith location information indicating a location at which the one or more viewing events or actions occurred.

1459827040-35a4e4a5-c99d-46a3-a01b-fe9c81bd9cfc

A server includes a storage module, a processing module, a motherboard and a fixing assembly. Balancing against misalignment of the ejector package is obtained at the same time through the incorporation of this two-stage ejector, and, at the same time, it replaces extra guides. Such a combination can be more practical, affordable and efficient than the usual arrangement of a several separate devices. The path switching information is also output from the integrated circuit for transmission to a pair of ATM switch fabric units. A mobile station transmits a delivery acknowledgement to the base station when the wireless transfer block is properly received and a re-transmission request when the wireless transfer block is not properly received, and reproduces the packet from received wireless transfer blocks.

1459827040-3965dd65-6972-40b4-8081-e725df4eb462

An adddrop node for an optical network comprises a passive splitter to split an ingress signal from the network into a first ingress signal and a second ingress signal. The liquid crystal panel has MN pixels P that are arranged in such a manner that each pixel P corresponds to one of the odd-numbered data lines and one of the even-numbered data lines that is adjacent to the one odd-numbered data line. A retainer is disposed in the flashlight body groove and is adapted for cooperation with the tangs for releasably retaining the tangs in the slots. In one embodiment, the step of activating at least one of the surface region of the first substrate and the bonding surface of the handling substrate is performed in a plasma activation chamber.

1459827040-93f436ec-d9ea-41df-b729-16b9a419deef

A compact modular embedded device. Each burst has an associated midamble sequence

of a set of known sequences. Selection of the updated reference voltage is based on a comparison of error counts, each error count associated with a unique one of the reference voltage, the first alternate reference voltage, and the second alternate reference voltage.

1459827041-d9d109e5-c418-4921-ad8e-8bfcd0ad51b2

A device having a carrier, a light-emitting structure, and first and second electrodes is disclosed. The modular implant includes a first orthopaedic component, a second orthopaedic component coupled to the first orthopaedic component, and a micro-motion damper interposed between the first orthopaedic component and the second orthopaedic component. The adjustment member includes a projecting member having a substantially V-shaped projecting slope, and a recessed member having a substantially V-shaped recessed slope.

1459827041-f2d72d5c-51db-498d-8a01-4698440dc210

The present disclosure describes a performance enhancing shoe sole that includes an anterior support structure and a posterior support structure that are connected by a first support structure. Control logic is coupled to the rows and columns to enable a ring oscillator of either a row or a column to oscillate. A measurement module, such as a camera, is used behind each lens. The bonus award indicia are stored and displayed at a bonus award escrow display. The controller operates the fluid discharge device based on the at least one operating parameter and locks the system after the at least one operating parameter is set such that the at least one operating parameter is unable to be modified. A sphincter electropotential mapping device includes a mapping electrode.

1459827042-43c30ae0-963d-4459-b6e6-5fc1be56b13d

The present invention relates to novel phalloidin derivatives and their fluorescent dye conjugates. Also provided are methods for comparing two or more radiographic images including standardizing the images against at least one reference value of at least one image characteristic obtained from a digital radiographic image of a variable attenuation plate. The inlet compartment is interposed between a sample inlet port and a sample outlet port and includes a gas permeable, liquid impermeable filter element for separating liquid from a gas sample, the liquid separated from the gas sample passing to a collection chamber.

1459827043-b07a03c2-c893-448a-9847-2165bb2b84a4

An optical compensatory sheet comprises an optically uniaxial or optically biaxial transparent stretched film. The temperature difference at such locations is determined and the blood flow is calculated as a function of the change in energy level and of the temperature differences measured prior to and following the change in energy level. An estimation of the information bits carried by the signal component is obtained through demodulation of the signal component by the receiver. In certain embodiments attachment holes are utilized for ease in transportation and movement.

1459827043-d65a2734-698a-46fb-8cac-1ce9643b45f1

The present invention relates to cosmetic compositions having improved application benefits to keratinous tissue and keratinous fibers wherein said compositions have improved application benefits, while avoiding the negatives associated with compositions currently known in the art. The base station retransmits the data, using the antenna with the higher receiving quality. A plate-shaped cooling unit coupled to one side of the frame can deliver heat from the heat-source connecting unit to the dissipating unit.

1459827043-d6de31e7-e3e8-4e0d-a1d5-9481b8e5c885

A gate insulating film composed of silicon oxide and a floating gate electrode composed of polysilicon are formed sequentially on a P-type silicon substrate. The first electrode is coupled to a first voltage source. Flash memory stores the pump

application program during use.

1459827043-eed38652-6bcf-40ac-9304-c9dca9677154

A method of performing an endovascular procedure within a patient can include inserting a filter into the patient's vascular system to restrict the passage of emboli through the filter while allowing blood to flow through the filter. In aspects, the users are placed into common virtual rooms or virtual interactive environments to permit sharing of content and chat between the individuals in a same virtual interactive environment. The common mode rejection comprises two resistors that combine to remove the common mode current from the two input lines, produce a reference current, and drive two output transistors that cancel the common mode current from the outputs. The mount may also include a slide bearing attached to the support cradle which may releasably engage a second key attached to the conveyor belt, the slide bearing adapted to accommodate longitudinal forces applied to the support cradle by the conveyor belt. The split ring electrodes of the at least one ring array are arranged about the circumference of the lead body. A valve is positioned in each of the bypass paths and is actuatable to divert the fluid sample stream entering the direct path via the inlet from the direct path and into the bypass path.

1459827044-28598cf7-a7e0-4e15-aed5-c73979cfd445

The present invention is a system for joining tubes in a structure. The profiles include an alternate destination and at least one media format for the alternate destination. A flow channel can be etched on the cap with an opening and exit on the sides of the cap so that liquid can flow through the flow channel. The system is configured such that after the faucet is turned off, a portion of permeate is delivered to the reservoir and then delivered to the inlet of the module to flush the module.

1459827044-c3c3b31b-e145-4b52-813a-c3b0931ff2f1

Embodiments of a surgical access port system that comprises a retractor that is adapted for being coupled to a cap and that is particularly useful in natural orifice surgery are described. Biometric information is read from a living body moving and attribute information abased on the biometric information is added to the file. Another disclosed embodiment comprises at least one via in the substrate. Specific server data may be retrieved, or such data may be retrieved recursively among several levels of containers. The clutch includes an emergency operation actuation device with at least one emergency operation actuation element, which defines a centrifugal oil cavity which includes oil and which is coupled with the drive. Then, by comparing the set of criteria to the information, at least one travel route will be identified from the possible travel routes for treating the medical condition.

1459827045-18e886b8-9d1d-494d-9d15-b76e149a12d8

A light emitting apparatus has a light source for emitting a first light in a forward direction. Use of this type of small gel simplifies blotting procedures, such as Southern and Western blotting, after electrophoresis. When the material enters into the cavity of the hammer mill, the material form a rotating material ring after being hit by the hammers, and the material is milled once again after the material ring hits the stationary hammer blade. The support member with attached component frames is placed over one side of the multi-chip module substrate and the external leads of the integrated circuit devices are aligned with corresponding conductors on the multi-chip module substrate. A particular available time slot is identified in the array for both of the testing units corresponding to the respective trunk group. The dummy pattern is at least partially overlapped by the metal structure and the light-shielding layer pattern is at least partially overlapped by the photodiode.

1459827045-3fa9df20-574a-4a65-b799-6c6df21792a2

A propeller shaft PS1 comprises a front pipe member 10 and first and second yoke members 20 and 30, which are attached to both the ends of the front pipe member 10. Kneading blocks including such kneading elements and screw extruders including such kneading blocks are also provided. Accordingly, a phase separation structure can be obtained which can regulate deformation of the cable and prevent abnormal deformation even for a superconducting cable. In one embodiment, the related search phrases are scored and selected for display based at least in-part on an evaluation of the usefulness of each search phrase, as reflected by actions performed by prior users while viewing the corresponding search results. bovis as provided herewith and one or more further immunologically active components effective for the treatment and/or prophylaxis of infections caused by a further pathogen of cattle.

1459827045-f79955cd-bdec-4dcf-add6-4cd759fbd683

A method and apparatus for applying an application of a database service, such as X. The fixing device has a heat-generating endless belt that includes: a resistive heat layer that generates heat upon receiving electric current; and a pair of electrode layers each disposed along a different one of widthwise edges of the heat-generating endless belt. The emergency signaling device may be removed from the vehicle for use as an emergency signaling device.

1459827046-373cd600-7d89-426e-b280-23c1f815dac8

Provided are a flash memory device and a method of driving the same for improving reliability of stored set information. Cardiac signal information is sensed from far field electrodes implanted in a patient. Accessed lid URIs provide a binding name and access scheme to the objects in the ATSC TSFS, as a lid URI embedded in an Initial Object Descriptor is used to locate resources in the TSFS such as a BIFS scene description stream and/or an object descriptor stream.

1459827046-69fbd315-1a75-478b-9e00-92068e7393c9

A disk reading device has a housing having a disk receiving space provided therein, a first rod having a first guide pin, a second rod pivotably coupled to the first rod at a pivot point in a manner such that the first and second rods achieve a scissoring movement about the pivot point, with the second rod having a second guide pin. According to some embodiments, the desalination systems are transiently operated and/or configured to facilitate transient operation. In the methods of the invention where hydrocarbon containing gases are dissociated, fine carbon black particles are also produced.

1459827046-7bddcccc-94fb-48cf-a855-bdd0088e05eb

An NVRAM fail-over controller including a NVRAM device connected to a host computer, the host computer having the ability to directly control the NVRAM device. The gear train may also include a second planetary gear set, which may include a second sun gear, a second ring gear, and a second carrier. A first ADC is also included for generating a digital representation of the input signal sampled by the first converter stage. In a practical situation, combinations of the elements allow ribbon beam expansion between source and work piece to 350 millimeter, with good uniformity and angular accuracy. The inner gerotor includes one or more entrance passages operable to communicate a lubricant into the outer gerotor chamber. Prior to the crossover, the training projectile maintains a gyroscopically stable trajectory, which enables extrapolation to ascertain the trajectory of a non-training projectile that does not have an augmented roll damping section.

1459827046-cdfc7db2-45c6-4f3f-8c91-f049d6be6d91

A non-volatile memory cell and method of fabrication are provided. This prevents the counter for detecting a recorded area from erroneously outputting a recorded area detection signal due to the noise. A polymerization reactor is operated to provide for the reaction of propylene supplied to the reactor to produce a stereoregular propylene polymer fluff.

1459827046-e21ce3fc-9db0-4a58-a2d4-5d06c623e8fb

A system and method for fabricating a FED device is disclosed. A sink communication device includes a sink network clock synchronized with the source network clock, a sink streaming clock associated with processing of audio or video data, and a sink time stamp mechanism to compare a sink streaming clock value with the source streaming clock value, and adjust the sink streaming clock based on the comparison. The power module is characterized in that an inductance component of at least one of the first and second connection means is adjusted so that the inductance component between the emitter electrode on the first power device and the emitter lead is substantially equal to that between the emitter electrode on the second power device and the emitter lead. Two specific examples of the present invention include a cascaded, multi-level inverter, or a variant referred to as the multi-source, flying source inverter, whose ac input voltage is derived from an electromagnetic generator. Also provided herein is a material made according to the method, designated either as EMM-19 or as EMM-19\*, and a method of using same to adsorb and/or separate gases, such as carbon dioxide.

1459827046-e9ce64f5-aab6-4a98-ab5c-cabfb75c58ef

An image display system includes a polarized image projection device, a polarization preserving transmissive diffusiver, and a polarizing reflector element as a non-blocking mirror. The vibration detecting unit, inclusive of a differential transformer having a plurality of coils and a magnetic body, is disposed between the supporting metallic part and the washing machine base and detects a vibration of the water tub. The primary digital content is identified, and the supplementary digital content is selected and transmitted, with an indication of timing for play of the supplementary digital content based upon the sample time. A detection decider determines whether to perform detection on the feedback information based on the maximum of the sums.

1459827047-1feae9a0-d50c-4228-a08a-e26ad10123d0

A surgical apparatus has a clamp and a stapling mechanism. Each of the light source groups includes a light source, and the converter boosts an input voltage to a driving voltage that is supplied to the light source groups. The electrode bumps protrude from the encapsulating material for connection to an external circuit. A guide catheter, including a distal end, is adapted to enable the interventional procedure to be performed, and to be inserted over the guide wire and through a patient's vasculature to a position in the blood vessel relative to the interventional procedure site.

1459827047-5c78fce7-378b-4643-aeda-70e9d1cb9e66

Provided is a front structure of a vehicle 1, and the front structure includes a pair of side frames 2 and a first cross member 31. The invention more particularly relates to fluid purification methods and systems having improved heat transfer capabilities and controls such that the purified fluid produced from the process contains reduced impurity levels and/or exhibits more uniform concentrations within the final product. The packaging assembly also includes a self-supporting plastic liner that fits inside of the carton for containing liquids, viscous material, or particulate material. A front zone and an intermediate zone of the pad are placed on the upper surface of the supporting sheet, the rear zone of the pad is inserted into the slit so as to be interposed between the pants and the supporting sheet, free front and rear zones are fastened to the upper surface of the supporting sheet and thereby the pad is attached to the pants by means of the supporting sheet.

1459827048-a7e8c6e5-bd4f-46bc-b90c-c4e2965aaf87

The present invention provides integrated framing in pluggable optical transceivers to extend the OTN framework into metro, regional, and core applications. A level indicator has a display shaft extending along and pivotal about an axis, and coupled to the float shaft. These films exhibit exceptional strength, durability,

emission and aesthetic performance properties. The upstream communication, which may include status information about the node, essentially piggy-backs onto upstream communication originating from the subscriber devices coupled to the node.

1459827048-aac6189e-b294-43f4-abdf-335933ff1147

A low paper sensor mechanism for a printer includes two paper supports. An identification scanner may scan an identification document into digital form. The expanded diffracted beam is transmitted through a second surface of the grism either to another grating surface of an additional grism or to a wavelength-selective diffraction grating operating in Littrow configuration.

1459827048-c7c20a76-3934-4929-b417-d561390a54ff

Compounds of formula I: wherein A, B and D are respectively selected from the group consisting of: CH, NH, C; CH, N, N; and CH, O, C; the dotted lines represent two double bonds in the appropriate locations; and where Z is selected from S, O, C, CH<sub>2</sub> and NH are disclosed for use in inhibiting DNA-PK. In addition to holding the wafer at a prescribed position, the ion implantation apparatus subjects the wafer to ion implantation in regions where there is partial overlap of its circumference. The method further includes receiving, by the mobile computing device, sensor data from one or more sensors associated with the mobile computing device. The actuators together include a block of ferromagnetic material with a surface with multiple bores defined in the surface.

1459827048-eb908a9a-539a-42b3-a4a6-a3713ee47432

8-Substituted-2,6-methano-3-benzazocines of general structure I in which A is CH<sub>2</sub>OH, CH<sub>2</sub>NH<sub>2</sub>, NHSO<sub>2</sub>CH<sub>3</sub>, . The present invention specifically provides isolated peptide and nucleic acid molecules, methods of identifying orthologs and paralogs of the drug-metabolizing enzyme peptides, and methods of identifying modulators of the drug-metabolizing enzyme peptides. The invention provides a novel paper PCB protecting cover. The detection improvement agent may be operable to interact with a chemical or biological agent in the air sample. The invention may be combined with an internal or external monopole antenna so as to cancel out the antenna backlobe or otherwise resolve the frontback ambiguity that arises with this type of dielectric resonance antenna.

1459827049-4f72f90b-71eb-489e-80c2-04eb4b1293d3

Disclosed is a multi-mode multi-band mobile communication terminal and a mode switching method thereof wherein a mode switching can be performed between an asynchronous network and a synchronous network by minimizing interruption in communication. Methods for producing a maize plant that comprise crossing maize variety PH18TN with another maize plant. The slider member is mounted at least axially immovably to a spool shaft, on the fore end of which the spool is mounted. The communication apparatus and frequency selecting method readily and flexibly select frequency channels with an acceptable communication quality using the updateable index and reference.

1459827049-9cfb050c-ff69-45bf-9141-343c08b9b2db

An image pickup device provided with an automatic focusing function includes an image pickup unit, a face detection unit, a receive unit, and an automatic focusing control unit. Further, a system comprising a feedback control entity and a mobile terminal receiving a multicast or broadcast service is provided. The sender transmits data packets to the receiver.

1459827049-df6d5646-99ba-45eb-9f0a-7fa7f1c8752a

A system is described which utilizes a novel system of repressor titration for maintenance of a plasmid useful in gene therapy and production of a recombinant protein. The output means is in electrical communication with the converter includes a housing adapted to receive at least one of the input means, the voltage converter means and the output means. The drill bit may be used with a breach

assessment mechanism including a light source configured to provide selective illumination along the light path and a light sensor.

1459827049-e37ba05a-6d15-4822-a20a-ddc3c55f8aac

A multiple computer system is disclosed in which n computers each run a different portion of a single application program written to execute only on a single computer. Audio recording capabilities may also be provided. In practice the present invention enables a substantially balanced link to exist between the base station and a mobile.

1459827049-e8b134c7-521a-4a0c-a960-acdccc556263

The present invention relates to gas sensors using doped ferroelectric materials. The tube junction extends through the door of a water heater. In operation, only one switch at a time of plural first switches is \u201con\u201d to connect the voltage signal from a corresponding pixel to the column bus while all remaining plural first switches are \u201coff\u201d to isolate the column bus from all remaining pixels.

1459827049-f6cd01a7-c7b0-4ead-9b00-a6838d2a9eea

Embodiments related to pressure sensitive structures are described and depicted. This enables the insertion of new scan chain data and thus enabling the modification of the hardware characteristics of the processor. By so doing, a user may quickly and easily determine which applications to select based on their respective reports and then select them or their content through the user interface.

1459827050-143f0a44-67ab-417b-9ac6-5c34f2e0dc7d

On an encrypted object code obtained by encrypting an object code, there is discriminated whether an inhibited code defined in data format is present in a code concerning such encrypted object code, and, in case such inhibited code is judged absent, the encrypted object code is determined as an encryption result of the object code. Reagents are disclosed which can distinguish MSF and fibronectin, and which can distinguish polynucleotides which encode MSF or fibronectin. A display frame SC displays a currently captured picture of an object, files P11 and P12, and the icon of the folder F1.

1459827050-245ae356-b989-4095-9a44-0993be708956

The present invention relates to novel lipopeptide compounds. The captured biometrics are guaranteed to be captured in real-time, and avoids the possibility of providing biometrics that were previously captured, by sending to the user a time-sensitive challenge and requiring the user to provide the requested biometric information within a predetermined time period. At least one of the plurality of players is selected based on, for example, hisher performance in the game, and the portfolio of the selected player is publicized to the other players based on the player-owned brand data. The traditional 6466 encoding scheme uses idle bytes to pad packets to obtain a packet of fixed size, thereby adding idle overhead to transmitted packets. The method includes the steps of providing a template menu having one or more dummy buttons, activating a marking command during a video data recording session, and in response to the marking command, modifying the template menu by assigning to the dummy button a valid flow control command for accessing the video data which has been recorded.

1459827050-425c15b5-c015-4ec7-8b2a-3a1f0b4eb0e7

A composite armor including a disrupting layer and a backing layer provides protection against blast and ballistic threats. In order to control the DC voltage of the DC voltage output terminal in a state where an electric load is connected to the DC voltage output terminal of a power generation unit, a PWM signal generation unit 429 generates a field voltage to be applied to a field winding terminal of the power generation unit. The housing member is formed with an open interior. The

first imaging system comprises a single-pass lens group and a double-pass lens group. 3 parts by mass of a conjugated polyene compound having a molecular weight of 1000 or less, relative to 100 parts by mass of an ethylene-vinyl alcohol copolymer.

1459827051-548b7bac-95aa-4dc0-9a1c-f5e3f30a0430

An array of nanostructures has a multiplicity of nanostructures disposed in a predetermined pattern on a substrate, the nanostructures being oriented in a predetermined orientation, and the nanostructures being characterized by interior dimensions commensurate with the dimensions of predetermined microbes. The semiconductor device includes a resistance correction circuit. In addition to providing a higher percentage of calls completed calls, embodiments of the invention provide improved investigatory tools for the controlled environment facility through controlling, monitoring, redirecting, and/or interrupting wireless communications. The mask latch may be pivotally coupled to the mask base about an axis extending generally laterally across the mask base.

1459827051-5d260917-30ef-41af-b798-a368f48a66fc

A method and system for performing data integrity process is provided. Therefore, to improve the tightness over a temperature range of  $\sim 221240^{\circ}\text{C}$ . An execution thread that is associated with the access token thus generated attempts to access the resource on behalf of the remote peer. The rear cover includes a second panel defining two protrusions and a second sidewall extending from a rim of the second panel and defining two hook members.

1459827051-90b69ddc-973d-448b-ba1c-ada1bd471855

Lookback is defined as the ability of a logical process to change its past locally. Each contact includes a body portion, an upper arm upwardly extending from the body portion for engaging with a first printed circuit board and a lower arm extending downwardly and laterally from the body portion. A rigid header bar is attached to the storage bag along an upper edge thereof to maintain the shape of the bag, especially when it is used as a flag. By adjusting the tier at which to bill data, more accurate billing can be implemented for documents with contone or grayscale image data, for example, with greater customer satisfaction. A more simple method for producing a HTS coated conductor with reduced losses, and with improved critical current and critical magnetic field is thereby provided. More specifically, in accordance with the objectives of the present invention, there is provided a flush valve having an overflow tube that is adjustable in height and a method for adjusting the overflow tube.

1459827052-006914d8-d994-4120-881d-84c24c3de294

A handle for controlling water temperature and/or water flow is mounted on the side of a bathtub and shaped such that the handle may be controlled by a bather's foot. The aspect ratio of the thickness of each of the layers of magnetic material to its lateral dimensions is between 0. The alumina nano particles have a surface treatment applied to outer surfaces of the alumina nano particles, where the surface treatment includes a phenyl-silane. In an example of the cell in which the crystal is arranged to generate UV radiation from the laser beam, the output window is located at a sufficient distance from the crystal that the flux of UV radiation incident on the output window is below the damage threshold of the window for the UV radiation. 4  $\mu\text{m}$  and at most 5  $\mu\text{m}$  to the total pore volume of the whole pores, in such a manner that at least two reaction zones are formed axially in each of the reaction tubes. These screening methods can be used to identify therapeutic drugs.

1459827052-1f6deac2-62b6-4510-b953-f76f9213e4e6

An electronic safety device for a protection barrier includes a transponder, a transceiver device for receiving a return signal from the transponder, the transponder being movable with respect to the transceiver and adapted to be placed



at a current distance, an electric circuit which is switched when the distance is lower or higher than a reference distance and a control and switching system. The programming tool includes a tool body with an interface generally corresponding with the connection block of the motor, wiring operable to carry the signals, and a plurality of terminal connecting assemblies to associate with the motor terminals. The control drive circuit is adapted to terminate the conduction of said switchable member when said first comparator determines that the current through the inductor exceeds said reference value, and to provide another firing pulse when said second comparator determines that the bridge voltage changes polarity towards the corresponding rail polarity. This drive device provides a more compact mechanical press. zH2O where z15-20 water molecules per unit cell by autoclaving a mixture of a pre-prepared seeding gel comprising a mixture of a alkali metal cation, an alkali hydroxide, and a silica source in water, and further amounts of silica source and an aluminium source in the presence of an organic solvent with water as a co-solvent.

1459827052-28c4b1a2-1349-4df9-9d00-c8a2725a0dbe

The invention provides a fatigue exciter for wind turbine blades. The cassette includes a plurality of walls defining at least one valve chamber, a dialysis fluid inlet, a dialysis fluid outlet and a dialysis fluid pathway. A separate color changer can be provided for less frequently used colors. In this way, the user can not come into direct contact with a coupling electrode after removing the power supply unit.

1459827052-bc48d416-1e35-48c5-b5ba-6dfcf78e7068

Electronic devices may include radio-frequency transceiver circuitry and antenna structures. The spray head assembly allows for easy and thorough cleaning of the tanks to rid the tanks of sludge and debris that accumulates therein potentially causing unsanitary and unsafe conditions. The core also includes multiple slots. The invention promotes better heat transfer efficiency than tube and shell heat transfer arrangements that have been used for similar purposes. A prestressed bypass valve operating as a pressure relieve valve is associated to the control borehole and allows adjusting the characteristic damping line between the shock-absorber compression rate of 0 ms and the opening point OP of the main damping valve.

1459827053-922866d1-d1e5-4b24-89aa-faa50e0a594a

The present invention provides ester group-containing tertiary amine compounds of the formula  $nN_3-n$  which, when used as additives in chemical amplification photolithography, can yield photoresists having a high resolution and an excellent focus margin. A speed of formation of a main portion of the sidewalls of the trench at the gate lead wiring region is greater than that of a main portion of the sidewalls of the trench at the cell region, so that a thickness of the oxide film at the gate lead wiring region is greater than that at the cell region. Accordingly, a memory subsystem can redirect one or more pending page table entry fetch requests to an appropriate coalesced page table entry.

1459827053-a634581d-3d24-4277-b0a3-a9af16752a4f

Disclosed are exemplary implementations of an instrument having an RFID tag formed in or on the material of its handle. The method includes determining a location of the mobile device using a formula that uses: locations of the multiple transmitters, a first function of the power information and a second function of respective locations of the multiple transmitters. In another embodiment, such defined travel paths are merged with actual paths traveled by vehicles in the parking areas. In some embodiments, the cleaning solution has no corrosive effects on the liquid path and reaction cup of the analyzer. The roll includes opposing flat surfaces and an outer circumference, the apparatus comprises a guide roller including an elongated central portion positioned between two opposing ends and a flange positioned near each end of the guide roller. An image forming apparatus is

configured to include an intermediate transfer body to which a toner imager is transferred from an image carrier, the intermediate transfer body having an elastic surface layer having a center point average roughness of 0.

1459827053-d8a7b3a9-a8d4-447e-b948-ed6211ba2cd3

An amplitude adjustment device such as an amplitude compression device and amplitude expansion device is basically configured by a PWM modulator, a demodulator and an amplitude detector. A memory device 15 substantially stores b pieces of conversion logic equations produced with a conversion logic equation producing device 13. To share the beamformer among the phased array antenna apertures, a selector network is used to select which particular apertures are to send or receive signals.

1459827054-37523618-881c-4ae3-b6ed-23e02be113e0

A guitar or applicable musical instrument is improved to enhance string energy through integration of side materials and structural spanners to maintain the integrity of the instrument under load of string tension. The fault detection system provides the ability to detect symptoms of fault in the fuel system of a turbine engine. An analysis environment communicates with the simulation engine and displays the expected result. A plurality of power contacts are retained on the insulative housing. The mechanical assembly is then driven so as to move the end effector toward the desired state based on the computed instructions.

1459827054-5c0328a6-f0aa-4288-8bb6-1b65d052dc67

Embodiments of the invention relate to a method of functional materials deposition using a polymer template fabricated on a substrate. The present invention specifically provides isolated peptide and nucleic acid molecules, methods of identifying orthologs and paralogs of the kinase peptides, and methods of identifying modulators of the kinase peptides. The plug end of the electrical cord of the appliance is locked into the apparatus to prevent the electrical appliance from being unplugged from the apparatus and plugged into an electrical wall outlet. Conversely, one or more coolant exit channels begin within the porous member, extend through a portion of the porous member, and extend through the exit side. A method of implanting also is disclosed.

1459827054-5f05bf82-55d3-4434-90fc-d1076b0e0521

A method for dynamically switching hybrids during modem initialization to maximize channel capacity and performance includes the steps of evaluating each hybrid in the modem according to a cost function dependent on the quiet receive noise floor and the transmit signal echo, and then selecting the hybrid that results in the minimum value for the cost function. Each geometric primitive is rasterized into fragments, corresponding to screen space pixels covered at least partially by the geometric primitive. A document includes a barcode embedded into the document. The processor further transforms the partial sequence included in each sequential window into a series of digits.

1459827054-a009515b-d6b1-48e5-885d-5c8dc7019314

Method and apparatus for generating a test program for an integrated circuit having an embedded processor. The system includes a bandage positioned adjacent the wound to create a sealed environment around the wound. The basic security key resulting from the key agreement procedure between the mobile terminal and the network is then modified in dependence on the selected algorithm to generate an algorithm-specific security key. A resin coating layer is formed to cover a lower surface of the housing member. The LED light tube is adapted for use in troffer light fixtures.

1459827055-7607c361-3bc3-49a0-bac9-fdf0c7adc90d

A wind turbine for generating electrical energy may include a wind turbine blade including a plurality of vortex generators integrally formed in the outer surface

of the blade. The connector is arranged in the cutout. The block is retired from use if the number of bad strings exceeds a threshold. In addition, cracking caused by the difference in thermal expansion coefficient between an electrolyte sheet and the matrix can be suppressed, and thermal shock occurring during operation of the fuel cell stack can be reduced, thus improving the performance and lifetime of the fuel cell. Each of the metal particles includes a basic body and at least three pins projecting radially from the basic body, and is an integral part of a material forming the grid network. When the message reaches a complete state in the service centre the service centre sends the gateway a delivery receipt including the service centre generated message-id and the inter-working data.

1459827055-776fb50a-57d0-441f-8e93-320df06d7d73

A method and computer-readable medium determine word association scores for word pairs. A lock region is defined and scanned by a computer-based system which compares the RFID tag of the child within the lock region with a list of approved escorts, and maintains the lock region closed unless the child is accompanied by one of the approved escorts. First, a thermal image is received of a region of exposed skin of a peripheral body part of a subject being monitored for PVD. The T wave alternan pattern detector may also detect for intrinsic T wave alternan patterns. The vertical lift unit includes a plurality of crank members with generally rigidly mounted shelves that are adapted to carry objects continuously and indefinitely as the shelves travel through a vertically oriented closed path.

1459827055-d9283e97-b4d4-444a-981d-eca644f22b25

A syringe including a barrel for retaining fluid and having a dispensing port for permitting fluid flow therethrough. The context information may be included in a request from a control point device to the device or may be included in a response from the device to the control point device. After a Dynamic Host Configuration Protocol server has been started, addresses currently used in a network are examined by a duplicate-address examining unit and the status of the address are stored in an in-use-address database.

1459827055-f852bb8c-d1fe-40dc-83bf-58a93acc7ffb

A women's undergarment includes a fabric body having a back, a front, side portions connecting the front and the back, a top, a bottom and a crotch. An option may be purchased by a bettor to be exercised at will by the bettor during a break in play or during an indicated period of the event for the bettor to potentially receive compensation to cancel the wager. The backseat posture change mechanism changes a posture of the backseat between a first posture which is a non-use state and a second posture which is a use state. The lithography apparatus allows the use of short wavelength radiation in the 1-15 nm spectral range to print high resolution features as small as 20 nm. The set of input images comprises one input image from each input video stream.  $72$  where  $t$  is the thickness of the first semiconductor layer, and  $d$  is the thickness of the second semiconductor layer.

1459827055-f8c4719a-8743-46e9-8cc3-2b2c5c37b5cb

Apparatus and methods for distributing gases into a processing chamber are disclosed. An objective lens holding member is held by four first metal wires on a relay holding member, and the relay holding member is held by four second metal wires on a fixing part. Additionally, an indication of an application to be displayed upon resuming operation from a power-saving mode can be received, and an image generated by the application is displayed in response to resuming operation from the power-saving mode. A gain guide is then formed in the top mirror. The support frame is at least partly formed by an assembly of at least two interconnected segments.

1459827056-54546146-ed72-48f3-a33f-44e0ded5b63c

A low-density parity check encoding method for increasing constraint length includes determining a LDPC code block H-matrix including a systematic submatrix of

input systematic data and a parity check submatrix of parity check bits. In a preferred embodiment of the invention, a viewer watching a broadcast sporting event can elect to become a \u201cphantom participant\u201d in an event. 07  
\u03bbrmswhere \u03bb represents a wavelength of a light source, \u03b4SA1\u03b4U represents a change of a spherical aberration for an object-to-image distance change \u03b4U and \u03b4SA2\u03b4T represents a change of spherical aberration for a temperature change \u03b4T, the object-to-image distance is a distance between the light source and the information recording surface. and is excellent in costperformance due to a reduction in amount of supported platinum. The second grip may include an interlocking device to lock the second grip at a desired location along the shaft.

1459827056-80519158-ce1a-46e5-a17d-d4c0c3c44c0e

A system and method for accessing secured resources using a portable device. After installation upon the device, a virtual private network client connects to the server and downloads a VPN profile. The resultant supported palladium-gold catalysts have increased activity and stability in the acetoxylation. The pair of wings are spaced adequately in from the left and right side edges of the plate and extend rearwardly from the rear surface of the plate at an angle away from one another. The handle, the wedge-shaped tilt element and the body are removably secured against one another by a connecting member, such as a nut and bolt assembly passing through apertures which extend through the handle, the wedge-shaped tilt element and the body.

1459827057-6e313955-6251-4b10-b2fe-edd857bc2885

The present invention provides a method and an apparatus for cleaning substrates. The drive mode is indicative of a switching-state of each of a plurality of switching elements. , a blood vessel, of the subject an agent that increases SERCA activity. A thermal and nuclear radiation shield encloses the electronic circuit and includes a shock protection annulus. The vehicle identification system also includes a mobile computing platform in a mobile satellite communications system adapted to operatively associate the customer-specific vehicle descriptors with a vehicle.

1459827057-84762a8b-470c-4606-9b9e-d80fc4b485c8

A device for stimulating nerves adjacent the vagina includes a nerve stimulating element coupled to a main body. The circuit board comprises an elongated groove, extending into the circuit board, for accommodating a footing of a large component such as an RF shield. The functionalized surfaces generated using these methods can further undergo planar surface modifications, such as functionalization with a variety of different chemical groups, expanding their utility and application. The lower shell defines a third planar area therebottom. These formulations are useful as laundry detergents and can be biodegradable, heavy duty liquids, 2\xd7 or 3\xd7 and up to 6\xd7 concentrates, low foaming, andor effective in a high efficiency washing machine. Each point is represented as a point mass, subject to conventional laws of motion.

1459827058-c8d367ff-4701-4d79-b842-2141d75daa3e

Pre-emphasis circuitry and methods for signal transmission provide multiple levels of output signal amplification over one or more baud periods after an input signal transition. The receiver also has filtering circuitry the operation of which is altered in dependence on the estimated coherence time. The method is extendable to other MEMS-based sensors, such as microcantilevers, or to quartz crystal microbalance sensors. Such a metric can be derived from a quality measure derived in the receiver unit, e.

1459827059-2d21fd6e-6897-4b0d-b0d4-d1a676e5a69d

An improved tunnel or covered highway structure with means for easy and quick access to the interior. It reduces the complexity of electronic system and enhances

output signal quality by means of light property, with considerable leading advantage. Unlike the case where the write gap layer is formed by using a non-magnetic insulating material such as alumina, a step of newly forming a seed layer aside from the write gap layer and a step of selectively removing the newly formed seed layer become unnecessary.

1459827059-36b419de-0fb6-4f50-a74e-6d110e00f326

One or more frame slots to each transceiver are allocated for communication within each message cycle. The first recording medium that is non-rewritable prestores key data based on which a public key is derivable, and the main content. The first and second transistors have common control nodes coupled to a first bias voltage, receive a pair of input signals and respectively provide a first output node and a second output node. The head has a first bristle holder and a second bristle holder, each having a plurality of bristle tufts. By virtue of this constitution, the extrafine or ultrafine copper alloy wire has a combination of excellent bending fatigue lifetime based on high tensile strength and excellent torsional strength based on high elongation or a combination of excellent tensile strength, electrical conductivity, and drawability and good elongation.

1459827059-84b5a411-ff92-47d5-a89b-db5f92379f5c

A capsule magazine unit having a holding device for capsule magazine unit, into which the capsule magazine unit can be releasably inserted, such as of an espresso machine. A constellation information transmitting arrangement, for instance located in the multi-carrier receiver, produces for each carrier subset a limited set of parameter values and transmits these sets of parameter values to a constellation information receiving arrangement, for instance located in the multi-carrier transmitter. In some embodiments, the pressure isolation device comprises a housing having an internal chamber, a main inlet, and a main outlet. The invention also comprises a memory coupled to the receiver for storing the electronic program guide data that has been separated from the input stream. 06 mm, and the particulate coating process is performed using a silicofluoric chrome plating solution. Also disclosed is a device for open loop uplink access power control.

1459827060-0107bf67-8e22-4dc9-867b-04755bd43da7

A method of manufacturing a metallic blank into a shaped article useful as an enclosure for an implantable medical device is described. The method may include the step of formatting or arranging the CLUT into a plurality of sub-CLUTs. The mechanical sound vibrations are converted to an amplified electrical signal and the amplified electrical signal is delivered to the inner ear with a transducer operatively coupled between the microphone and the inner ear.

1459827060-0a0d4397-83c0-440e-a82d-4a83626c5983

The invention relates to a tire having a rubber component which contains short fiber reinforcement with a compatabilizer for the fiber reinforcement. The disclosure relates to collecting wireless network access point identifier information and power level observed at various locations are collected to generate various signal maps. A sacrificial spacer is formed adjacent to the first sidewall.

1459827060-6c3a68ae-a49f-4d73-a1ca-4a1f29af083b

A sport blow gun is a blow gun which is a tube with a bore, a loading end and a muzzle end. The write lines may be configured to write data to the memory cells, each write line of the arrangement being electrically coupled to a reverse current limiting device. A cannula is arranged in front of the inlet of the pump ring. The iso-stress portion extends from the corner along at least one of the sides of the sail distances greater than 20% of the lengths of the sides, respectively.

1459827060-ea62fa05-375a-4879-afdc-55f7126c1302

A tension leveling system for thin metal strip has between a brake roll set and a tension roll set, additional two-roll bridles in which one or more inlet stretch

leveling regions are followed by an elastic deformation region and the latter is followed by one or more stretch leveling regions. The bone-conduction headset may be mounted on a glasses-style support structure. Consequently, the hard mask material for the lines in the first direction form part of the memory stack. In an embodiment, characteristics may include an insured type. The transformations may vary in accordance with various wagering game functions. In the formula, R1-R4 preferably represent a hydrogen atom or a methyl group, respectively; a represents a number of 7-20; and R6 represents a hydrogen atom, a methyl group or a phenyl group.

1459827060-f00cb072-dfd2-4b98-9fbc-193303955a58

A cluster computer system and method for distributed data storage enables distributed, reliable, low overhead mass storage systems. In the process, the natural gas stream to be liquefied is partially cooled, expanded to an intermediate pressure, and supplied to a distillation column. The microprocessor is relied upon for adjusting alarm output based on source voltage, time of day, ambient noise, ambient frequencies, and ambient temperature. Alternatively, a pressure sensor may be used to sense when the child's foot comes off a pedal. The disclosure includes at least three criteria that may be used alone or in combination to determine a preferred area of the target image for placing the watermark depending upon the user's intent for the mark. In order to achieve the above-mentioned object, an optically biaxial retardation film, comprising a polymer film containing a material having refractive index anisotropy, wherein the material having refractive index anisotropy has a concentration gradient in a thickness direction of the polymer film, is provided.

1459827061-205de258-7e68-4ed7-94ee-357851b44b0a

A flexible light-guiding module with waterproof function includes a flexible light-guiding film, a light-reflecting element and a light-generating element. In some exemplary embodiments each checkbox comprises a drag status and the method includes toggling the status of the first checkbox and statefully toggling the selection status of checkboxes experiencing drag event in dependence upon drag status, the new state of the first checkbox, and the original state of the current checkbox. A discrete bumper stop has an attaching portion disposed adjacent the actuator body, and an extended portion projecting from the attaching portion engageable with a reference surface of the disc drive at a selected position of the actuator. The ACS is adjusted based on an output of the disturbance observer filter, and the head is actuated over the disk based on the adjusted ACS. A depressed ditch is formed on the coil end, and the lead wires are disposed in the depressed ditch and firmly held therein to prevent movement of the lead wires relative to the coil end.

1459827061-220ba829-12d7-4658-896b-dc6c0c546ee8

The invention provides 8-azabicyclo3. A bushing for use with a lateral pin retention system may be positioned around the pin. A weight is applied to reference images of a reference dataset based on a comparison of content of the new image to the reference image of the reference dataset. The interconnect statistical data is then used to vary physical properties of interconnects in a current design during simulation until optimum performance is achieved.

1459827061-2258db26-38bd-48eb-b33a-73fbe8bfaf00

A substrate processing apparatus 10 includes a holding table 20 for rotatably holding a wafer W, a nozzle 40 for supplying chemical solutions L1 and L2 to the wafer W, at least one light irradiation units G1 and G2, and a pot 30 placed in the outer radius of the holding table 20 for collecting the processing solutions L1 and L2 that are scattered from the wafer W. The preferred bisulphate salts are 3-3--4,4-dimethylpiperidine-2,6-dione bisulphate and, especially, 3-3--4,4-dimethylpiperidine-2,6-dione bisulphate. The computing system determines cell information from the performance characteristics of the electrochemical cell.

1459827061-4997e18d-9637-4e04-99c2-d13c622e4e9d

A liner for a shaped charge formed from a mixture of powdered heavy metal and a powdered metal binder. In operation, such an oscillator yields a contained fluid jet that issues from the inlet port into the swishing chamber and alternately switches its flow direction between the container and exhaust passages. At least one power generator is associated with the housing, and is driven by the mixing of the relatively high salinity fluid with the relatively low salinity fluid. A thickened supporting section is provided around the receiver so that the user's weight will not force the solid material out of the receiver and back into the interior of the diaper. An optional activated charcoal filter stage can be included to reduce odor in the released air.

1459827061-904d2694-dbc5-404f-8161-c10c14f62581

Aspects of the present invention relate to systems, methods and devices for imaging device job definition. In the present invention, an engine 2 and an electrical device for driving the engine system are housed in a package 1. Cooling garments placed in contact with the body of the patient circulate the cooled coolant proximate to the patient to cool the patient.

1459827062-405c3dff-c2c8-4db3-8acd-a31ac48580ab

A disk apparatus includes a disk guide member, a disk transfer mechanism, a disk rotating section, a disk clamp mechanism, and a control section. The securing mechanism comprises a frame surrounding the housing, a pressing plate movably attached to the frame, and an actuating lever pivotally connected to the frame. A dampening material is provided between the housing of the ISA and the container of the IMU. The \u201ceasy\u201d axis material is that plated parallel parallel to the magnet's field and saturates at a lower applied field. The flag can be set to a complete state and an end marker is updated. The compactor device is for compacting all materials, such as dirt, sand, and/or aggregate material.

1459827062-526c431d-5fda-4d0e-a0a1-b3b71d4e84af

A method for mapping a physical hybrid automatic repeat request indicator channel is described. Various embodiments may include a mobile image capture apparatus, which may include a computer system configured to execute an image capture application. Moreover, the present invention relates to the article, especially one for body fluid absorption, which functions to reduce the odor of urine by having compounds reactive with aldehydes to be present in absorption articles. A user can modify contents of a word processor document by directly changing the linked data without having to deal with the complexity of the presentation format, which can be constantly changing.

1459827062-5625db29-b2c0-4561-806b-e968418d1d97

A fuel cell includes a cathode-electrolyte-anode unit, and a perforated foil structure distributes fuel gas over an electrode surface thereof. The circuit switched underlying transport network is replaced with that of an IP based package switched network, while the circuit switched infrastructure, such as terminals, telephone exchanges and the like are retained. Software executing on a vehicle's computer can then cause one or more applications that are associated with a vehicle computer to be modified in a manner that changes their behavior. The guide rod also has a cylindrical proximate end which has a first diameter.

1459827062-739fa816-e4ea-49bf-8596-3d8f84a6d22a

The present invention is related to methods and apparatus that allow a chalcogenide glass such as germanium selenide to be doped with a metal such as silver, copper, or zinc without utilizing an ultraviolet photodoping step to dope the chalcogenide glass with the metal. A library of methods and data structure definitions is provided to a developer of a piece of software. Redundant data can be used to recover data stored in the non-volatile memory in case of a data corruption.

1459827062-daae264b-e311-4d29-8c7d-ac648f22af9b

A method for operating an access point in a wireless local area network is provided. A booting process for initiating a multiple operating system environment is also provided. The sleeve that slides or rolls up the tower is equipped with stirrups to provide a structural receptacle for the locking forks.

1459827062-f1e8518d-5e5d-4a75-a478-b43ecba2f254

An sensor includes a substrate with a magnetic field sensor mounted on the substrate. The invention preferably is carried out with sintered sol gel microcrystalline alpha alumina abrasive grain and a phosphorous oxide-containing, alkaliborosilicate vitrified bond composition. At the same time, against the interior hollow roll is applied a force of enough intensity to flatten the cavity of the interior hollow roll and apply the wall thereof against the interior face of the wall of the cantilevered end of the cardboard tube formed by the action of its rotatory die. The method also includes a step of proxifying an object reference used in a user request for a target server from the user device in order to establish secure connection between the user device and the target server.

1459827063-68b74ac7-72dc-470d-8d0a-38a7f9390e62

A threshold voltage detection apparatus comprises a voltage level up-shifter and a voltage level down-shifter. The outer cylindrical tube is radially spaced from the cylindrical inner tube to provide an annular cylindrical space between the inner cylindrical tube and the outer cylindrical tube. The method alerting the passenger of the inability to re-active the previously activated passive vehicle system if a fob associated with the passive operation of the same is unavailable. The method includes performing a second static analysis on the partitions of the program to produce results and outputting the results.

1459827063-bbd3f6ad-f5f4-40a5-89e4-6ad331ab6774

A dispenser and a means to be held by the dispenser. In order to increase efficiency, a compressed oxidizing gas is cooled to a second temperature T2 before passing through the first device for storing thermal energy, and the oxidizing gas is then increased, in one step, to a third temperature T3 when passing through the first device for storing thermal energy. The electrode material has a fine grained structure with fine grains having a mean size of  $<500$  nm. Concurrent operations are executable in multiple banks to improve performance. In response to operation at the high current mode being complete, the power supplies are operated at a normal mode to provide a normal current at the normal current mode. Also a part of the invention are nucleic acid molecules which encode these peptides, and uses of each of these.

1459827063-c79e285a-5f9b-4631-b578-4c13a1d06132

A natural language tool is provided for specifying a subset of data. The semiconductor memory chips are rectangular in shape and are arranged, in at least two rows with the adjacent chips being oriented perpendicular to one another, such that the area used on the PC board is optimized. The number of padding bits is determined based on respective virtual values of each of one or more encoding parameters. When polycarbosilane is produced using a specific zeolite as catalyst, SiAl or SiB ratio can be adjusted at any proportion, enabling acidity control of catalyst, and therefore the molecular weight of final products can be easily controlled and the product yield can be improved, compared to conventional solid acid catalysts. The antenna has a base film and a conductive body, wherein at least a part of the conductive body is embedded in the base film.

1459827063-d66b0de0-2cb0-44c0-9410-22695fe445f9

Device for dispensing embraces a walled, hollow housing having an inside wall surface and having an opening on a first end; a piston that sealingly engages the inside wall surface, beginning at a position away from the first end; and an actuating connection to the piston internal the housing. Each photoelectric



conversion cell includes a photodetector and a pupil restricting unit. The memory module has respective clock, command address and data signal lines.

1459827063-f8e7d58c-641c-41f1-8713-3cd4889fbe54

A process and apparatus for making a gastro-retentive device. The probe is used for entering the radio frequency plasma to measure the plasma characteristics. Also, the cooling design includes a plurality of inlets to receive cooling air from an internal cavity of the airfoil as well as a plurality of outlets located within a trench on the exterior surface of the leading edge through which the cooling air exits to film cool leading edge. One exemplary gauge includes an external dial that rotates relative a restriction scale in response to a differential pressure. The first opening corresponds to a contracted position of the lighting fixture and the second opening corresponds to an expanded position of the lighting fixture.

1459827064-01be858d-6d50-4197-89d2-c2489412f4fe

A system for easily locating goods stored in a storage area including a computer coupled with a radio frequency transmitter or transceivers and goods placed in containers that are coupled to hangers that each has distinct electronic addresses. The system provides shift staging for sequenced shifts between ratios as well as for so-called change-of-mind shifts in which a sequence shift is interrupted as a new destination gear is introduced. When image-side three surfaces of the prism are defined as a surface A, a surface B and a surface C in order from the image plane side thereof, at least one of the surfaces B and C has a rotationally asymmetric curved surface configuration that gives a power to a light beam and corrects aberrations due to decentration. These web services, in some such embodiments, just must be properly called by an authorized user. The tapping method also includes stopping positive rotation of the control motor M and rotating the motor reversely, thereby to detach the tap from the prepared hole of the workpiece, when it is detected that the control motor M has rotated a determined number of times or that a predetermined time has elapsed.

1459827064-310fa3d8-e924-4647-8464-cad358e669d1

A system and method of reliable and efficient data transfer over serial port are disclosed. The parts form a screw-nut connection with each other. The first sensing unit is arranged to generate a first output signal based on a measurement of the 5 concentration of certain airborne pollutants at the upstream side of an air cleaning unit that is comprised in the air handling system.

1459827064-75582e29-5301-4d0e-8f56-b97990026d88

In a method for synchronizing a mobile radio receiver with a radio signal time slot structure a first portion, detected during a first time slot period, and a second portion, detected during a later time slot period, of a received time slot synchronization code sequence is correlated with the known time slot synchronization code sequence sent out by the base station in the receiver. The through bolt includes at least two longitudinal through bolt elements which are interconnected via at least one connecting element. A wire network is supported by the network supports thereby forming a plurality of meshes. The dangling bond functions as a single atom gate electrode. Each of the first striped dielectric patterns covers one of the first electrodes correspondingly.

1459827064-faa8fe52-e2e9-4736-ae28-727cc40c4453

The new and distinct cultivar of perennial Salvia plant named \u2018Crystal Blue\u2019 characterized by its large light blue-colored flowers densely arranged in verticils, with compact habit and stiff, upright, branched stems and strong vigorous growth rate and gray-green foliage. Storage is configured to store a plurality of predefined escape trajectories. A system to implement the method and a computer readable medium are disclosed. The bore is adapted to receive the guide rod, and the cavity is adapted to receive the outwardly protruding lugs.

1459827065-26cab3ed-6590-4f89-b0e3-965a74ad49db

Host system data files are written directly to a large erase block flash memory system with a unique identification of each file and offsets of data within the file but without the use of any intermediate logical addresses or a virtual address space for the memory. The method includes detecting at a mobility management entity a transition of a user equipment from a first cell to a second cell to obtain at least a cell identifier. A motion compensated picture of video data may be blended with at least one current input picture of video data to generate a motion compensated output picture of video data. In one aspect, a system retrieves a profile of a client device, retrieves all device profiles existing in a profile database, and sequentially eliminates profiles not matching until a single profile is left or all profiles have been used. The first phase shifted periodic signal and the second phase shifted periodic signal are selected alternately in a way that phase shifts which are based on a portion of a control signal close to its jumping between its maximum and minimum values are excluded.

1459827065-41ea559f-afd0-4b3b-b597-4f7cb5f781fe

A source driver of the present invention includes a bypass switch which connects two source lines with each other. Various embodiments of an HVAC system are provided that may comprise at least two controllers that communicate with each other to provide a method of controlling the operation of an HVAC system, based on a communication protocol utilized by each of the various controllers. The invention is an image processing device for imaging and displaying the behavior of characters modeled on opponents in virtual three-dimensional space. When the allocation unit judges that an overlap is generated in the allocation result, the allocation unit causes one of the RACH sub-channel allocation units which has caused the overlap to again perform allocation of step ST320. In the thin film transistor in the driver circuit portion, the semiconductor layer is sandwiched between a gate electrode layer and a conductive layer.

1459827065-95875271-10ae-43ab-903b-eebfee9c9d83

A bioreactor processing unit includes at least one cell culture module comprising: a base including a receiving station for removably receiving a plurality of bioreactor vessels at respective locations ; and a clamp plate. A detecting unit, based on information concerning the position of a symbol for which an error has been corrected successfully by the error correction process, estimates whether an error occurs in a symbol for which the error correction process failed and detects the position of a symbol estimated to have an error. The tone bank associates the tone with the credit card information. The protocol further provides for isolating tumor cell RNA from biopsy material that has been prepared in paraffin block storage. Use of the DPUSB interface also provides the opportunity of new types of devices such as memory cards and cables that will greatly increase the ease of use of many intelligent electronic devices such as cameras and PDAs.

1459827065-fd0b5000-128b-473c-a680-753e06fed23d

An HO ODU signal input to an optical transmission apparatus is disassembled into LO ODUs. The transistor has two signal terminals and a gate terminal positioned in between the signal terminals. A driving transistor is connected to the differential amplifying circuit and the outputting transistor.

1459827066-3a191d94-1c4d-4fb8-b055-5e189dfafa2a

A conducting mechanism includes a conducting member, an engaging member, a spring, and an insulting member. The metal pad includes a center portion overlapped by a region encircled by the conductive pipe, and an outer portion in contact with the conductive pipe. A movable portion 28 on the free end side is a lightweight coupling member 19 provided by bend-processing an aluminum thin plate, to which a rare-earth magnet 25 is adhered. The memory management unit is coupled to the queue management unit and the memory, and is configured to initiate a plurality of binary searches based on the plurality of search requests. Dual monitors are used to

independently monitor the output power of the laser. The system provides an underlying component architecture having an object-oriented database structure and a metadata database structure which stores only one instance of each object while linking the object to multiple collections and domains for grouping into and retrieval from any of the collections.

1459827066-c808cb10-7949-494c-aff3-5763b200da8b

A yarn carrier for presenting a selected yarn to a pair of gripper jaws. The maintenance station carries wiper elements that wipe ink from the surface of the inkjet print head as the maintenance station moves past the inkjet print head. The acoustic box structure is disposed between the PCB and the hidden antenna. Before the airbag apparatus is attached to the vehicle body, the main body and the support member may be coupled with each other using at least one of a common fastening of them to the bracket members and a mutual coupling between them at the position of the fastening part. The electrical conductors extend into the jaws to form a bipolar configuration.

1459827066-d00daf85-0be9-41df-9f0f-1f63ab9f660c

A device is provided with an array of a plurality of phosphor converted light emitting devices that produce broad spectrum light. The base includes at least a snap-on fastening mechanism adapted to snap into a through hole formed in a supporting substrate of the central processing unit. 00% or more, and a Vickers hardness at its surface of 20u2266HVu226625 in a case where a maximum indenting load of 30 mN is loaded to the surface under a circumstance at a temperature of 25xb0 C. The device including the energy source is configured to add variable data to the substrate.

1459827067-10d725b1-1e8f-4a69-9072-ac4e77fe0a17

Abstract A shaft seal structure is provided around an outer circumferential surface of the bearing member located on the cylinder inside of each of the screw rotors. The tool is initially secured to a wall, and comprises a vertical surface parallel to the wall and a downwardly angled surface. An account number and a transaction amount are obtained from the communication.

1459827067-5ad91442-0752-4467-9023-0edede1dfbc8

A non-volatile memory device has a gate dielectric film formed between a floating gate and a control gate. The valve includes a piston mounted within a linear ball bearing bushing. A quality determination module determines a quality of the stored ETD records based on the stored quality check criteria. The proxy operation implies that the intercepting node is capable of terminating some protocol elements, injecting some protocol elements, or modifying protocol elements before forwarding them in such a way that the operation is transparent to neighboring nodes. The sensors are capable of reading densities exceeding 60 Gbin2.

1459827067-da383bdb-4e8a-4046-a95c-fa249bb0c35a

A brake caliper assembly having a pad shield. A magnetic sensor is supported by a housing that is mounted to a stationary frame of the image forming device. The second arm has each of the plurality of branches including a switch for selecting a length of an electrical loop formed by the second arm and an end of a ground plane, each of the switches is connected to the ground plane.

1459827067-dd16d5c9-bf85-4e37-b725-8a97aad3c3e7

According to the disclosure, the steering column comprises a steering shaft rotatably mounted in a tube-body provided on a side mount of a fixed bearing assembly via a lateral mechanism. In this method and apparatus, an LPC coefficient is obtained for every phoneme and is set to temporary phoneme data and a first LPC Cepstrum based on the LPC coefficient is obtained. The sealing portion is formed so that the external connection terminal is exposed. The lift arm is connected to the closure by a pivot coupling which maintains the lift arm and the closure

substantially parallel and uniformly spaced apart throughout the movements of the closure. The picture transmission device consists of at least partially of a fiber optics section which is at least partially surrounded by a material that is plastically deformable. The apparatus further includes a correcting part configured to perform on the first image a correction process that corrects the color blur determined by the determining part.

1459827068-0fccb018-7a25-4aa9-a8f0-6a99fb3260a7

A method co-optimizes a design and a library in such a way to choose the best set of cells to implement the design. Electric conductors of the gearbox control device are embedded in the hydraulic distributor plate and/or electric conductors are metallized onto the surface of the hydraulic distributor plate. The smoke reducing surfactant package includes an anionic surfactant, an amphoteric surfactant or mixtures thereof. The system preferably manages device pairing via a remote server that is accessed by a device application. The method also involves placing a metal gate pad layer over the landing area. The search results can list the supplemented videos which contain hotspots corresponding to the object and also the time in the supplemented video in which the object is found.

1459827068-2172cefb-ceb3-42d6-b87a-7ee58ae2b246

Disclosed is a method for preparing a clay-dispersed polymer nanocomposite. T2's base is connected to a first voltage line and between two connected capacitors. The software architecture includes a number of vehicle application program interfaces for accessing vehicles systems or data and for developing in-vehicle software applications; and a number of policy restrictions underlying the vehicle APIs for restricting the level of access to vehicle systems and data while the in-vehicle software application is being developed. Results of the emulating of the application program instructions according to the first emulation mode are analyzed for any presence of malicious code.

1459827068-5944699c-3e3b-4ce7-a6e5-570173825985

A system and method for providing early warning notifications to telephone subscribers having calling number delivery service. The method includes fabricating at least one first component of the electronic device and fabricating at least one second component of the electronic device, wherein the first component and the second component are on opposite sides of the buried oxide layer, thereby causing the buried oxide layer to perform a function within the electronic device. A strain relief member is provided to increase the strength of the electrical transmission lines to enable them to withstand the tensile forces caused by either flushing and/or pull-back operations.

1459827068-615eeb49-b511-4b2f-a8d4-39a05ba7caf3

A drilling guide assembly for drilling a bore into a pipe includes a first plate and a second plate. The method provides a more stable latex by minimizing residual monomers by performing polymerization after adding a higher aliphatic alcohol serving as a monomer absorption enhancer and then performing homogenization, and additionally, improves productivity and reduces amount of scale generated by increasing the efficiency of monomer consumption during polymerization. Authorization may also involve discovering a service being run or requested by the one or more computing devices, and determining whether the type of service being run or requested by the one or more computing devices is authorized by the wide area network.

1459827069-02f70ff5-84c6-4518-95f4-6aa34fb65f10

According to the present invention, environment indicators computed for a particular environment are converted into a common transmittable data format, wherein each of the environment indicators is computed by an electronic environment measurement device from among multiple diverse electronic environment measurement devices. The circuit arrangement has first and second protective elements connected

in series between a connection of the integrated circuit and a supply voltage. The lubricating grease includes a base oil having a dynamic viscosity at 40°C. The difference between the computed clock phase offset differences is derived, and compared with a given threshold value.

1459827069-bf506051-fa8d-4d60-90a8-b5655d10ecc1

There are several advantages to installing roof insulation in industrial and commercial buildings from above, rather than from below after the roof is sealed. The stent delivery system comprises an inner tube, a stent disposed about the inner tube and a shape memory metal bumper disposed about the inner tube adjacent the proximal end of the stent. The semiconductor body further includes an IGBT-cell with a body region forming a first pn-junction with the base region, and a diode-cell with an anode region forming a second pn-junction with the base region. In response to access requests from the cellular mobile devices over the L2 network, the server queries the subscriber database of the cellular service provider network and assigns the network addresses to the cellular mobile devices by matching L2 network addresses specified within the access requests with the identifiers of WLAN interfaces stored in the subscriber database.

1459827069-d59d40ce-c861-4651-8ee0-d96a570a3a64

A system and method for electronically managing composite documents including a repository of electronically stored individual documents, where a subset of the individual documents are associated with other individual documents to form composite documents. The processing apparatus can have a low-profile nozzle system capable of navigating through spaces in order to process target regions with relatively small clearances. The content of each dropdown includes a list of values of an attribute and is entirely or partially hidden until the dropdown is selected. In addition, the alligator produces realistic walking movements and up-and-down, as well as side-to-side head movements. The weight calculation unit calculates weights based on the distances and the feature quantity. The rotary cutting tool is then withdrawn, and the remaining thin shell of the boiler tube is manually peeled away from the periphery of the boiler vessel opening.

1459827070-1e9dca14-e05e-4f8e-90ce-72c64479792a

An exercise trainer having a first crank arm and a second crank arm respectively connected to a first foot link and a second foot link with foot pedals supported on the foot links, and bearing supports for the foot links removed from the crank arms. In one embodiment, the method includes the prevention of remodeling of the infarct zone of the ventricle. The cupola slag is optionally ground granulated. An apparatus applying this method is also proposed.

1459827070-5d0d6ee0-4283-44cc-a43a-9f039f7ed02f

A pot stabilizing apparatus includes a tubular member that includes a lower loop and an upper loop. In the present invention, the accurate metering ability of the BGF is employed to acquire accurate statistic information of the media flow, thereby accurate service charging may be implemented and service charging based on used network resources amount and QoS may be supported. One or more second pistons are arranged to reciprocate inside the substantially cylindrical inner chamber and to define, in cooperation with the substantially cylindrical inner chamber, a combustion chamber.

1459827070-7d14e536-0e1b-4373-b6fd-5a6b8ee9ae40

Electronic devices to output signals at different frequencies are mounted to a circuit board that has a group of layers, where the group of layers include reference plane layers and signal layers between the reference plane layers. The method also includes associating the electronic component on the trailer with the electrical load profile for the terminal in the electrical connection and monitoring a value descriptive of an electrical load at the terminal in the electrical connection. A first balancing surface is provided by a hub member and a

second balancing surface is provided by one or more nub members.

1459827070-bc609e78-678f-461e-927e-4ffdc61e050

The present invention is premised upon an improved photovoltaic device, more particularly to an improved photovoltaic device with a multilayered photovoltaic cell assembly and a body portion joined at an interface region. A disclosed example method comprises positioning a downhole tool in a wellbore, counting a number of rotations of a motor used to cause the downhole tool to contact a surface of the wellbore, and determining a diameter of the wellbore based on the number of rotations of the motor. The radio network controller transmits a plurality of data frames to the first base station and the second base station. A second transceiver is located on a ground hub physically and independent of the first platform. The access information defines accessible sets of contact information to be made accessible to recipients. The game court is optionally surrounded by a wall comprising at least a portion of the court boundary.

1459827071-13247423-a5f5-4288-bbac-2e2c2c343ce0

A method and system are provided for accessing network resources. The hooking members are supported so as to be in parallel with each other with an elastically changeable interval therebetween and to be rotatable about rotation axes along longitudinal axes of the main body parts. The semiconductor device further includes a contact plug unit which connects at least one of a plurality of active regions constituting the diode region and the pad within the diode region. Therefore, charge transfer and accumulation at the insulator and the subsequent discharge will not occur, suppressing instability of storage and loss of ions. An alternating-current to direct-current power converter is coupled to the audio power amplifier in a single package to supply power to the audio power amplifier. The volume within the sample holding chamber between the diluent introduction port and the sample isolation unit defines a metered volume of a sample for analysis.

1459827071-54cf8acf-7c2f-4560-b1fb-ebd1d5eab73a

A drug delivery device having a housing containing a gas generator controlled by an electronic controller. The system segments a set of members of interest for an OLAP report to define one or more segments, and determines an interest degree of each segment. The transmittance of the dielectric translector can vary from approximately 5% to approximately 95% by simply adjusting the individual dielectric layer thickness and the arrangement of layers. The game data input device is configured to receive game data input from a user. While the reel stand rotates in a second direction, the latch moves in such a direction that the claw portion is separated from the convexed and concaved portion by a rotation of the reel stand being conveyed to the at least one contact portion. A connecting linkage translates movement of the exercise arms into rocking movement of the upper torso support.

1459827071-b1aa4197-1dc7-4b7f-9bcf-bcee36e3718e

A method in one example implementation includes sending a first request to a first network address on a first server and determining whether the first network address has been redirected on the server to a second network address. A parallax scanning MOE lens creates discrete parallax differences in the objects in the recorded scene that are perceived by the viewer as enhanced texture and depth when displayed. The indentation is formed in that a part of the gas bag wall is prevented from an unimpeded movement towards outside of the module on unfolding of the gas bag. The wings are readjusted until the built-in tapes match a control tape. Various configurations of light emitting semiconductor chips and heat sinks are disclosed, as well as various structures and methods for driving, controlling and using them.

1459827072-044def3a-cdf1-4045-a612-2131b711dd1e

Provided is a printer cartridge having a resilient pliable body. The proximal housing can be provided with a plenum chamber being defined therein, the plenum chamber being in fluid communication with at least one nozzle. The rear tray

defines at least one slot. The FRU includes various features that allow accurate 3-axis alignment and registration of the optical drive within the appliance.

1459827072-32528ef9-a2b6-402f-8a71-1172963799ac

A method for integrating a document from a first document repository to another document repository in a cloud computing environment is disclosed. A mechanism for dissipating the stored clamping and/or spreading forces enables an absorption movement of the push or pull rod in the opening direction along a pre-determined absorption course, and especially detachably blocks an absorption movement of the push or pull rod over the predetermined absorption course, in the opening direction. Between these two chambers, connecting lines are present. Blade angle adjustable drives are arranged on the rotor and enable the rotor blades to rotate about the blade axes thereof. In one configuration, the top tether anchorage point included in newer vehicles as part of the LATCH anchorage point system is employed.

1459827072-4f99cb7d-4961-4b8c-b6ef-10dd8e65cc62

A metal line includes a lower metal line formed on a semiconductor substrate. The first and second path each include a rotatable nip assembly, the rotatable nip assembly including a nip drive roll and a nip idler roll positioned so as to define a nip therebetween, the nip serving as a rotatable axis around which the nip drive roll and the nip idler roll rotate to invert the sheet. The amount to be received by each player can be verified to meet minimum and maximum amount requirements. The input to a unused channel may also be used in another circuit given the loop-thru option of the switch.

1459827072-527b6f5f-a69c-458b-9cb9-f58b4bdd7a9e

This invention relates to novel amorphous and crystalline forms of 3-{[4-methyl-3-methyl--amino-piperidin-1-yl]-3-oxo-propionitrile mono citrate salt, useful as inhibitors of protein kinases, and to their methods of preparation. The method includes generating a computer model of a selected geographic region including a layout and inputting information associated with one or more components of a wireless network into the computer model. A charge keeper circuit, upon receiving the charge signal and the delayed clock input controlled signal, generates a charge keeping signal, which equals the charged signal when the clock signal is LOW and equals the delayed clock input controlled signal when the clock signal is HIGH.

1459827072-ab163065-1528-45a8-9106-9fb7c6d080b6

A backlight unit includes a light source, a light guide guiding light from the light source, an optical sheet disposed on the light guide, and an inner frame having an opening housing the optical sheet. Connector elements, are formed with one or more rod-gripping sockets arranged radially with respect to a hub. Under higher internal container pressures, the outboardmost seal may also open and vent gasses from the innermost condensation chamber through into the outermost condensation collection chamber and continuously from the latter to atmosphere through a plurality of continuously open circumferential spaced radial venting passages or channels.

1459827072-d053a67a-ea93-46fb-90bb-fdd9a3aed933

Disclosed is a melt-blended thermoplastic composition including: A) a polyamide composition including a) 55 to 90 weight percent semi-crystalline semi-aromatic copolyamide; wherein the semi-aromatic copolyamide has a DMA tan delta peak value of greater than or equal to 0. The relationships in the object model are used to infer foreign key relationships in the dimensional model. The least one trigger may be generated in response to detection of a user of the first device; passage of time the content has been rendered since a previous trigger; location of the user; behavioral pattern of the user; and/or traffic flow patterns between the first device and the second device.

1459827073-65514977-a8ed-4cde-a347-b7383f85ec61

A datapath extraction tool uses machine-learning models to selectively classify clusters of cells in an integrated circuit design as either datapath logic or non-datapath logic based on cluster features. A controllable nozzle member is disposed adjacent the outlet of the fixed duct section. The invention also relates to lens element. If so, the channel resource allocator determines whether any of the existing calls being serviced by the data traffic channels are in a soft handoff state in which the call is connected simultaneously to, two or more base transceiver stations. The transparent conductive film includes a first portion which none of the first insulating film and the second insulating film underlie. The digital video signal may be a compressed high definition digital video signal.

1459827073-a191dd92-687a-4bb2-bf7b-b0467a9867f7

Various photochromic materials are provided that are essentially free of polymerizable unsaturated groups, and comprise: a) an indeno[2,3-b]pyran; and b) an electron-withdrawing, non-conjugating group bonded at the 11-position of the indeno[2,3-b]pyran. Depending on the selected operation mode, the communications apparatus control security upon holding the communications parameter information exchanged with the specific communications apparatus and the communications parameter information exchanged with the unspecified number of communications apparatus. A damper bypass system is operatively connected to the crankshaft and the input member. A flow through device and method for the single step amino group modifications of proteins, peptides, and amines is disclosed.

1459827074-943e6948-076e-4802-b0ce-7484ad261511

A multi-mode power amplifier and an electronic device including the amplifier are described. The organic light emitting devices optionally contain an exciton blocking layer. The retainer may be a ball, the resilient ring may be an O-ring, and the fastener may be a stud or nut. Each groove region may also be positioned at differing heights on the bit legs. If a sufficient empty space is not present in the moving destination class, by finding out from allocated data, data that also complies with a policy of other class, target data to be expelled and a class of expelling destination are determined for expelling data, so as to ensure a sufficient empty space for reallocation.

1459827074-b34cb45e-fd4a-4de4-8c18-244349e815f9

According to an exemplary embodiment, a stacked half-bridge package includes a control transistor having a control drain for connection to a high voltage input, a control source coupled to an output terminal, and a control gate for being driven by a driver IC. The method comprises a detection of vertical contours of the eye, and a determination of the open or closed state of the eye on the basis of the vertical contours detected. A performance frame can be generated from the captured and stored parameters with performance-representing pixel values for each area within the performance frame corresponding to an area within the image frame and having a visual characteristic selected in dependence upon the performance parameter which was captured. A first print job is received at the server system over a web. The output phase error is provided from a block on a line to a loop filter. With the configuration, a resist pattern having an accurate recess while preventing diffraction of light is formed.

1459827074-e28f8994-f80c-4731-84a5-ccb04e1b027a

Modulated differential drive signals are created where, at least one of the signals can be controlled in phase relative to the other, and both of which could be controlled in amplitude and both of which have the same modulation envelope. Files may be used to specify LoC configurations for models, emulation, and fabrication, and scripts can be implemented to control numerical simulations as well as physical emulations of modeled LoC devices. The arrangement described can preferably be used for DDR-SDRAMs and enables particularly high clock frequencies. In an example embodiment, the trend index equation uses the weld heat input, current, resistance,



and time values to calculate the composite number.

1459827074-fe81a4c9-1af3-4570-9556-2adecfabaf05

Systems and methods for compressing data, particularly for use in manufacturing and verifying certificates of authenticity, are described herein. Trading data records are arranged as a non-indexed collection of data records.  $x$  ranges from 0 to 12, and  $y$  ranges from 0 to 2. The trays are imbricately mounted on the basking mechanism with predetermined intervals and each has at least one spout formed at an overlap with an adjacent tray. An Intensity Based Colormap may be used to convert Computer Input image data using a Computer Machine encoded with an Intensity Based Colormap. Any difference between the known observable parameter and the actual value can be used to correct for network-induced variation and other effects, thus ensuring accurate detection and identification of data types within encrypted streams of packets.

1459827075-1daf5648-2ba8-4a62-b948-8b17a657cf65

Providing for secure and efficient communication for mobile applications executed in a mobile operating environment is described herein. The device-to-server registration system comprises a device-to-server registration module for communicating with a device administration service of the wireless device and a device registration module of a mediator service for registering a wireless device with the mediator service. In the region of the pressing station or in a pressing chamber, each tobacco portion is compressed in the vertical direction on a horizontal rest, namely on a platform, and in addition preferably compressed by a pressing crosspiece in the horizontal direction. The user's account server generates a Random ID code when a transaction request is received. The system may then forward the telephone call to the subscriber via the Internet access connection responsive to a subscriber's request to do so without terminating the subscriber's Internet connection, or the subscriber may choose to answer the call in a conventional manner, or may select another option in response to the call notification. An effluent from the first wastewater treatment zone is mixed with an effluent from the second wastewater treatment zone such that a predetermined ratio of carbon to nitrogen is maintained within the mixture of first and second effluents.

1459827075-81ddb690-08b5-4b47-8f10-a6bdd3c78c96

A TFT-LCD capable of repairing discontinuous lines includes a repairing circuit, which includes a plurality of repairing OP amplifiers and a high-impedance detecting unit. A data storage apparatus that includes the transducer assembly is also included. Alternatively, a solid substrate is attached to a nucleic acid comprising one portion of a binding element and a detectable label is attached to a nucleic acid comprising the other portion of the same binding element. The latching assembly serves to disconnect, and subsequently reconnect, equipment from the annular sealing device. The control unit may be configured to i) accept an allocated operation bandwidth by the system and ii) control transmission and reception of signals with the allocated operation bandwidth.

1459827075-88847494-4c13-4e30-8342-da5635456876

A display device includes a housing for engaging into an article and having one or more projections formed in the outer peripheral portion for engaging into the article and for locking the housing to the article. Scanning Electron Microscope is used to scan the surface of a specimen. As the battery temperature prediction goes lower, the desired SOC range may need to be adjusted or shifted upwards in order to account for increased internal battery resistance and to ensure that the vehicle battery has enough power to start the vehicle. Placing step places the plate-like-shaped thin film member on the supporting member so that an opposite surface thereof faces the electrodes. The updated fragment may then be dynamically assembled on-the-fly or on-demand. In a toner including toner particles, each of which contains at least a binder resin, a colorant, and a charge controlling resin, the charge controlling resin is a copolymer of a structure A having at least a

specific salicylic acid derivative structure and a structure B having sulfonic acid or sulfonic acid ester as a substituent.

1459827075-cb09eb9b-07b6-4124-a79c-c719fe2ab3e9

Polymer-inorganic particle blends are incorporated into structures generally involving interfaces with additional materials that can be used advantageously for forming desirable devices. In the part, a channel structure is formed, having an input region for the entry of a partial flow of the medium and having a measuring channel branching off from the input region. A vertical black line search processor compares each histogram value in the histogram table with a predetermined threshold value such that when the histogram value is greater than the threshold value the histogram value and the image address indicating the location of defect are stored in memory. A screw positioned within the body housing may engage the mounting tube, and draw the mounting tube into the body housing. A mounting tool for receiving a flexible ring-shaped part of an anastomotic device on a rigid part of an anastomotic device is also provided.

1459827076-152b628b-5546-4198-adf0-6905c74778d6

A permanent magnet rotor includes a shaft, a rotor core fixed to the shaft, a bracket fixed to the rotor core, and a plurality of permanent magnets contacting an outer surface of the rotor core. A number of interference sources are obtained based on received signals. The triple seal, according to an embodiment, provides higher sealing forces than shown previously.

1459827076-166efa89-e5fd-4fc9-9a86-4ab74cfe9794

Vehicles are provided with a first air conditioning system adapted to condition at least air in the driver compartment and a second air conditioning system distinct from the first air conditioning system and adapted to operate independently of the first air conditioning system. In embodiments, a NUMA-aware memory heap manager may attempt to maximize the locality of memory allocations in a NUMA system by allocating memory blocks that are near, or on the same node, as the thread that requested the memory allocation. The insulating layer includes a dielectric rod enclosed by a dielectric material.

1459827076-6c4cf9f4-d9bd-43e8-a9d9-2c3aa4fc11fe

Systems, methods, and devices for preparation of water for various uses including blood treatment are described. The face of the dispenser has dispensing openings and, around the dispensing openings are fingers, bristles or sponge which aid in distributing the dispensed fluid. Next, the operation of the user is enabled only with the network providers authorized based on the user security information record. The clamp includes two jaws formed thereon, a mouth defined between the jaws and a gap defined between the jaws. The selected one of the plurality of processors identifies an information source to satisfy the request in response to the additional content of the request. The protective layer includes a conductive pad formed opposite the bottom of the lowest semiconductor chip.

1459827076-88085730-3da7-42eb-966b-bfb167c9aef1

To provide a process for finish-abrading an optical-fiber-connector end-surface without generating abrasion scratch on an abraded surface of optical fiber, nor generating an adherent substance. The assembly includes a housing defining a cavity with an open end for receiving the motor and a partially closed end opposite the open end. A CPU predicts a focus direction based on a focus position registered in a register when a shutter button is half-depressed. The offset mullion assembly provides strength to the cabinet while providing an aesthetically pleasing and uniform sealing surface for the fresh food and freezer doors. The processor also couples to and receives commands from the user-input device. The cocking winch apparatus includes a projecting alignment member having a non-round cross-sectional shape, where the alignment member is removably securable to a butt portion of a crossbow stock by inserting the alignment member into a correspondingly-shaped hole

formed in the stock.

1459827076-e076c27c-a2d1-4ffe-909c-b9361a39b8ea

An apparatus for randomly arranging and dealing a plurality of playing cards includes a device for moving cards and randomly ejecting playing cards from an initial set of playing cards located in a card input unit for an initial delivery of randomly arranged playing cards to a card delivery unit. The socket joint is mounted in a yoke for rotation through 180° about an axis of the yoke. The fastener includes a main body, a flange, and a receptive cavity.

1459827077-766025e6-98c6-4657-8fbd-789660571ddb

The collection of the olives is performed by a machinery, that has attached a telescopic rod, fixed from one side, and free to rotate hydraulically from the other side. The filter device is comprised of a body that is sized to fit over a flash tube in a dual light, photo strobe unit. The rod moves from a retracted position to an extended position in contact with the second bracket for rotating the second bracket relative to the member. A top layer of crystalline material, such as silicon, is grown on the alloy layer to form a multilayer structure with the grown layer and the template layer.

1459827078-7765825a-2688-4499-bc0e-adddd163902d

Disclosed are mobile communication devices and methods of a mobile communication device that determines that no response has been received within a predetermined period of time from a network to a transmission of an encoded data block in accordance with a commanded MCS. The detergent composition can be used for cleaning a precision part such as a metal part, an electronic part, a semiconductor part or a liquid crystal display panel. During a first mode of operation, a first row of storage cells in a first memory bank is accessible in response to a first column address. A profile is generated based on the factors to summarize the risks associated with the company. A concentration of impurities in the upper silicon layer is higher than a concentration of impurities in the lower silicon layer. Methods and kits according to the invention include an animal or plant species in diapause.

1459827078-c9631904-84b5-4783-9d57-777a4d4d3f50

A power supply apparatus having a soft start function that enables a startup without any overshoot within an appropriate startup time regardless of whether the load is heavy or light. An insulative base member of the spacer has a recessed portion which opposes to the anode electrode, the potential defining electrode, and a portion of the face plate between the anode electrode and the potential defining electrode. However, under conditions of low air density, stratified combustion by compression stroke injection is prevented, and either homogenous combustion by intake stroke injection is performed, or double injection combustion by intake stroke injection and compression stroke injection is performed.

1459827079-cd388ec1-73d5-464a-8fe5-9e9fe4d4671c

An application member may comprise a first portion, a second portion, and a base portion extending between the first and second portions. The keyboard includes a plurality of tabs extending from a front end thereof, and a flange is bent from an opposite rear end thereof. The memory device also includes a row decoder configured to control a word line of a selected memory cell of the memory array. Therefore, a connection section that constitutes the grounding member can be visually checked. The interface controller stores header portions of the data packets in the low latency memory and data portions of the data packets in the high latency memory. A fastener track is applied in-line with a plastic web and is bonded thereto at the same time that a peel seal is formed.

1459827080-4a1f9429-aea3-487c-95fd-d90648e0eb30

A disk cartridge 20 for a larger diameter, a disk cartridge 25 for a medium disk

diameter, and a disk cartridge 30 for a smaller diameter contains a magneto-optical disk for a larger diameter, a magneto-optical disk for a medium diameter, and a magneto-optical disk for a smaller diameter having different disk diameters, respectively. Variable valve mechanisms vary at least one of the valve timings and valve lifts of an intake valve and an exhaust valve. When a telephone 24N originates a call to telephone 241, exchange 22N inquires of the portable telephone position storing unit 25 whether or not the answer-phone-startup information is turned on for the telephone 241.

1459827080-9f8006e1-b86d-45ff-b319-659c4efc7816

Polysubstituted indan-1-ol compounds of formula I, its physiologically acceptable salts and physiologically functional derivatives are disclosed. Related apparatus and methods are also described. An outer housing is coupled to the nosepiece by three ball bearings which extend into a peripheral groove in the nosepiece, and which are held in place by a locking zone of reduced inner diameter in a quick release sleeve. With the structure, the device can be operated by the voice for natural conversation. The seat track locking system for a vehicle having the configuration described above has an effect of ensuring strength against shock and load when the seat track is fixed, and allowing fine adjustment when the seat is adjusted forward and backward.

1459827080-d138953c-01aa-47c5-8f29-e29c8388b49e

Methods and systems for no-glue pocketed spring unit construction. The method comprises the steps of receiving a prompt, from one of a plurality of service switching points in a predetermined geographic service area, for a service associated with the call, and determining one of a plurality of tandem switches to which the call will be directed based on a probability distribution. The assembly also optionally includes a polarizer, and/or a fixed attenuator, and/or an optional blocking filter downstream of the polarizing beamsplitter. An advantage of the present invention is its ability to eliminate toxic byproducts.

1459827081-b19c4a39-e5fb-48c6-8c72-0d459df7129d

A system for recovering a manufactured article is disclosed. The semiconductor device includes a semiconductor substrate having a gate formed there over. The procedure unit contains a patient monitoring and medical effector program, and a drug delivery pump or magnetic flux generator capable of delivering therapeutic energy to a patient. continuously removing from the first reactor, through a hydrophobic membrane, into a second reactor the formed diazo compound; d. Certain embodiments of the present invention enable quantification and/or removal of Michael acceptors and/or Michael acceptor precursors. The set of label can be received, the passcode can be formulated, and the client can be authenticated a plurality of times.

1459827081-e47693f9-0678-4244-8cf0-b2ca9653d857

An identity card that can be used, for example, in a travel document or as a separate card, includes at least two core layers, preferably of polycarbonate material, that are fused to one another. The backlight module provided by the utility model comprises a light guide plate, a printed circuit board, a heat-dissipating bracket and a first retaining member. The seal assembly also has at least one sealing member mounted on either the interior face or the exterior face of the seal retainer and a plurality of conduits formed in the seal retainer and extending from the exterior face to the interior face.

1459827081-f478b82a-40d2-4fb0-8e72-1cd20ca2f9be

A recordable optical recording medium is provided enabling the light transmission layer to be a single layer, the inhibition of peeling of the recording layer even when stored in high-temperature-high-moisture conditions, and the reduction of degradation of the recording/reproduction characteristics. A combined quality of service class is selected from the combined quality of service classes formed from

the first quality of service classes and the second quality of service classes. An image processor generates three-dimensional models from the optical surface data and the CT volumetric data.

1459827082-0da19caa-c38f-421c-8ea7-67bd0966fc68

An archery laser bow sight for a bow having a forwardly extending stabilizing bar is provided having a laser and a mounting system for mounting the laser to the stabilizing bar. In one embodiment, the attenuator comprises two diodes or two diode connected transistors, and the control circuit comprises two transistors as the only active devices. First channel responses are calculated for the first plurality of the partially-dependent communication channels, based on the second channel responses of the independent communication channels. The present cleaning brush can remove ordinary dirt, stains or the like, without using such pollution-causing detergents.

1459827082-932feb0c-f5e7-45d2-be97-7fda68ef6c77

A method for testing the continuity of a coil that is subjected to a high frequency pulse modulated current that includes sensing a coil voltage, determining a ratio of the sensed coil voltage to the supply voltage and comparing the ratio to a threshold to determine whether the solenoid coil is functional. Burner assemblies having burners therein are located by and supported on the drip pan. According to another embodiment, a system includes a treatment planning component to generate a treatment plan and a simulation component to simulate the execution of the treatment plan. The system includes a search engine that is capable of serving content in response to user query. The context can be passed back to the host for message processing by the host.

1459827082-cf9538eb-fa9d-4ea9-87c1-39b32047857d

An electronic controller for a vehicle leveling system comprises an extend-enable switch, a retract-enable switch, an all-activate switch, and at least one group-activate switch. The first phase is commenced for establishing a secure communication path by a data path processor within a first network device. The weighted combination is then selectively filtered and accumulated, depending on whether the automatic frequency control loop is tracking or acquiring.

1459827083-162c5438-5d2e-49c5-98be-eeffe93c562a

There is provided herein cross-linked, phosphorescent micro- and nano-particles and applications of those particles. The unitized frame has interlocking tabs on folded side plates of a base frame. The reticles themselves formed according to such methods as well as photolithographic processes using such a reticle are also disclosed. The control board has at least one functionality of a universe of functionalities, and the functionality has a unique identifier, where the unique identifier can be communicated by the software architecture over the network. The reverse passage includes an opposite conveyance area of the belt in which the medium is conveyed in a second direction opposite the first direction.

1459827083-97cffbad-b693-4005-80b7-1e19a1c3fb0e

A method may comprise determining, in an operating system instance, that a login access is being attempted by a user at an access time on an object. The scaling device comprises a pair of flat horizontal surfaces, one on the mould around the entrance opening and one on the tundish around the discharge opening, and a sealing element formed of a sheet of graphite and being in constant sealing engagement with both said surfaces. The behavioral categories include system navigation behaviors, content referencing behaviors, collaborative behaviors, and the monitoring of physical location and changes in location. An Internet Key Exchange module and a policy module may be included to generate and associate the security association, wherein the policy module is configured via Internet Protocol Security. The method then multiplies the extracted data signals by the weight values of the respective antennas, and combines and outputs the data signals multiplied by the weight

values.

1459827083-b5cb2932-be8d-464b-b6aa-7d083995bd20

An inductive load powering arrangement utilizes current monitoring on only one side of the load which in one example is a fuel injector coil. The imager is manually or automatically triggered and is operated at high speed to resist image blurring due to relative movement between the target and the imager. The pivot body includes a cylindrical body member with first and second pivot body arms extending radially outward from opposite sides of the cylindrical body member. This invention may be of particular interest when the conductive portion that may come into contact with the housing is not used to ground the connector.

1459827083-d89d75bd-d55f-422a-891f-613820c958d0

An operational amplifier is described. The support is disposed between the booster and the wall, and has a breather port. This produces a first voltage gradient between the first contact and the second contact, and produces a second voltage gradient between the first contact and the third contact. Upon delivery within the existing valve, the self-expanding stent portion contacts the existing valve and the first balloon expands the balloon-expandable stent portion to a first diameter such that the stented prosthetic valve is in a first stage deployment configuration. Then the monitoring of the adhered body is performed to detect existence of an air bubble between the first and second media. The electrical current generated by the thermoelectric module is used to charge a battery of the electronic device.

1459827084-5d4deaf3-d225-4d3e-a404-04f75b21213e

Data bits to be encoded are split into a plurality of subgroups. The holder plate and the two symmetric dispensing plane units are integrally housed in the box embodiment which is provided with a rectangular cut at each longitudinal side wall and a flanged top opening with which the top cover is registered. Each of the plurality of data bits and the parity bit form an all-one codeword. The tie is such that the steel tie associated with it is easily replaceable. The lawn mower is characterized in that the axle is pivotal about an axis with respect to the wheel suspension arrangement and connected to the cutting height adjustment device in such a way that the axle is parallelly displaced when the wheel suspension arrangement is moved.

1459827084-8d454cd7-b2c4-4264-baf6-a7a26bcc561c

A rasterizer implementing a single edge stepping interpolator to interpolate both diffuse and specular lighting components across an edge of the primitive, and/or a single span stepping interpolator to interpolate both diffuse and specular lighting components across the spans of the primitive. In one aspect, a brace portion is integrally formed along with two tubular fork members and an overlay fits in a mating relationship with the brace portion to create a unitary, tubular brace. A computer-executable program is then generated based on the trained pattern classifier, and the program is installed and executed on a subscribed identity module of the terminal. The user may take an action relative to the displayed notification without accessing the computer process that issued the notification and a reply that includes an indication of the action taken by the user may then be generated and sent. An insulating layer is disposed on the capping layer and includes a first opening extending to a part of the shielding electrode.

1459827084-e8b3911b-ea96-4f9e-b617-2167b5f19ab6

A method for indicating the user's name on a blood-sampling needle pen and the product thereof includes providing a see-through window on the housing of the blood-sampling needle pen, or having the housing made of transparent materials, forming a media compartment of hollow chamber inside of the housing such that a curled note indicating the user's name, the date and the relevant data, etc. VEGF145 has been found to be an active mitogen for vascular endothelial cells and

to function as an angiogenic factor in-vivo. The substrate may be polysilicon, silicon dioxide, silicon nitride, metal, and the like. The interface includes a client, a server, and a network. The invention also provides methods for isolating betulin; lupeol; betulinic acid; 9,10-epoxy-18-hydroxyoctadecanoic acid; 9,10,18-trihydroxyoctadecanoic acid; polyphenolic polymers and fatty acids from birch bark. The method creates a well-ordered array of voids in the block copolymer film that is maintained over a large area.

1459827085-237d34e6-2a71-4fcc-8996-5942bd930607

The present invention relates to a non-volatile semiconductor memory device and a fabricating method thereof, which prevents a programming disturbance and enables to have a programming operated by a byte unit by achieving a programming and an erasing of a memory device through a F-N tunneling. A processor retrieves actual statistics associated with data stored on one or more servers in the multi-tenant database system. The orifice pipe has engaging jaws on two side surfaces, and the orifice cover has combining holes on two side surfaces. The trench capacitor is formed within the trench. The compounds have the formula I wherein R<sub>1</sub>, R<sub>2</sub>, T, R<sub>3</sub> and R<sub>4</sub> are as defined in the specification.

1459827085-4b94e75b-8d68-4636-92cc-7264bbf91aa1

A set of objects to be rendered by an identical rendering method is specified from objects which form a virtual space. A plurality of electrodes are operatively coupled to the case and exposed adjacent the case front and rear sides so as to electrocute a rodent upon contact. Each time the business logic accesses the cache for a dependent object, such as a read from the bit mask field of the new parent member, the version of the object checked in the cache and its identification may be saved on a dependency list. Selected audio characteristics of the audio signal, such as frequency, amplitude, time and spatial placement, are correlated to selected visual characteristics of the visual image, such as size, location, texture, density and color.

1459827085-61459978-533c-4845-9985-de1b3110f619

The present invention features a low-rider tricycle kit for converting a standard bicycle to a low-rider tricycle. A support carries an array of the whole or a chosen part of a complete set of oligonucleotides, which are capable of taking part in hybridization reactions. The first and the second stage circuits operate 180 degree out of phase with each other. For each of one or more domains, a subset of the text samples of the training set can be generated that the semantic parser has associated with the domain. The enhanced differential receiver is not subject to oscillation when not actively driven.

1459827085-86af5443-6639-465e-ae9-7251b9f1f543

A noise reduction method by implementing certain point-to-point delay is disclosed. In the method of inducing a mucosal immune response, the antigen-encoding DNA can encode an antigen that is expressed on the surface of infected cells during the course of infection. At least the first ferromagnetic layer may include a first layer in contact with the tunnel barrier layer and a second layer in contact with the first layer, and an orientation of the first layer with respect to the tunnel barrier layer may be greater than an orientation of the second layer with respect to the tunnel barrier layer. Associated methods are also provided.

1459827086-35d2e087-4b60-47ea-84d3-f26470f62967

An apparatus and method for searching a handwritten memo, which is input by a user using a digital pen interface, for a word corresponding to the user's query. In the process, two different averaging periods are employed to meet a long term bit rate target and to achieve a short term quick reaction. Certain members are continuously connected for common rotation. The method also includes navigating the three-dimensional image based on a first input received from the user.

1459827086-5b9fa43f-94a3-4843-a0b2-d814ffef44e0

A Flow Cell System that utilizes a Vanadium Chemistry is provided. At this time, a trench is not formed in a guard ring part. According to this construction of the working surface of the electrode only the projections make a contact to the recipient's skin. The implant of the present invention incorporates at its rear end, an engagement means to facilitate insertion or extraction of the implant. In the BGA type semiconductor device, the power supply or grounding wires are provided in the vicinity of the center of a BGA board to realize the high-speed operation and high integration density, whereby an electronic circuit or equipment using the BGA type semiconductor device can be made high in operational speed and made sophisticated in function. Said method includes: an Evolved Packet Data Gateway notifying a Policy and Charging Rules Function entity of the location information of a User Equipment ; the PCRF entity sending the location information of the UE to a Broadband Policy Control Function entity.

1459827086-80b0d136-cc08-4240-ab51-322785c4c082

According to the invention, there is provided a novel soybean variety designated XB21Z06. The RF data carrier comprises at least one diffraction element that has a dimension of the order of a wavelength of RF radiation and is responsive to RF irradiation, the response produced by the diffraction elements in the data carrier being indicative of machine-readable data carried by data carrier. After the lid panel is lifted up to the opened position by the foot operated unit, the motorized unit only generates the decelerating force to move the lid panel back to the closed position from the opened position in a hydraulic manner.

1459827086-b77e4554-fc84-4ce8-bda3-f64bfd2c573b

The output history of image data is made traceable when image data is processed while it is transmitted between an image processing apparatus and an external apparatus. The E-block is formed by providing feed stock along a planar orientation, drawing a portion of the feed stock out of plane to form an extension portion, and stamping the feed stock to separate an actuator arm member having a substantially planar actuator arm from which the extension portion extends, the actuator arm configured to support the readwrite head. A plurality of contacts received in the insulated housing and connected to wires.

1459827087-0c4ccf2d-b871-47dc-8114-f134cb2b36f2

An electrosurgical device for directing energy to a target volume of tissue includes a coaxial feedline having an inner conductor, an outer conductor coaxially disposed around the inner conductor, and a dielectric material disposed therebetween. A terminal adapter is provided at a customer premise and supports multiple telephony terminals, which may be associated with the same or different directory numbers. The addition of nitrogen to the microstructure of the gate dielectric promotes an amorphous phase that further improves the electrical properties of the gate dielectric. Each of the decision graphs corresponds to a conversation and includes a number of nodes, each of which corresponds to a portion of the conversation. A next step includes powering up and powering down the second processor under control by the main processor to synchronize the periodic timing of the second processor to that of the main processor.

1459827087-612fec68-b9f6-4596-8a0d-8c77ec5510a9

An axle bearing suspension system and method has a pair of elongated beams having an upper section and lower section with T-shaped cross sections. Picture elements in the environment of the individual picture element for each individual picture element of the image are additionally provided with mutually independent, second weighting factors that have a magnitude dependent on intensity differences or color differences of the respective picture element of the environment compared to the individual picture element. A compressible annular locking collar is positioned circumferentially about the fingers. Based upon a current value of the branch predictor entry, a predicted path for the particular branch instruction may be



determined.

1459827088-8b164061-4c52-448c-a571-65a16b6a1a60

A method of forming via structures between a first electrically conductive layer and a second electrically conductive layer. Using user profile information derived from online activity from one of the online access IP addresses, a television advertisement is selected, such as by using behavioral targeting or demographic information, and automatically directed to the set-top box indicated by the set-top IP address associated with that online access IP address. The aerosol assembly defines a cap member and an actuator member. A pressure pulse device is arranged within the conduit in a manner that the pressure pulse device is in data communication with the logging tool. The universal base may be used with the removable panels in place to support a conventional non-adjustable mattress or the removable panels may be removed and the adjustable modules substituted to enable the base to support either a headrest adjustable mattress or a headrest and footrest adjustable mattress. Thereby, after the release film is torn and the panties are worn by the user, skin-whitening, skin-color-lighting, and wrinkle-softening agents contained in the gel blocks can perform skin-whitening, skin-color-lighting, and wrinkle-softening treatment on the above-mentioned user's body portions, while not disturbing the user's daily life.

1459827088-9dcd87b7-89ee-4ec5-86bb-3dcb3f2d0d11

An apparatus for transporting an optical signal is provided. In the active area, a second semiconductor layer of a second conductivity type is formed in a first semiconductor layer of a first conductivity type. The process may desirably include curing at atmospheric pressures to reduce the expense and equipment required in carrying out the process.

1459827088-c30f60a5-b560-4380-9bd8-22405b404e7a

A computing system for reducing logging code includes a virtual machine configured to control the flow of operations in the computing system and a compiler configured to receive bytecode instructions from the virtual machine and convert the bytecode instructions into machine instructions. Automatic selection between available communication links including links provided through telephone handsets or other telephone infrastructure including wireless links and wireless integration with presentation and/or user/participant computers for communicating the \u201cgo to page number\u201d command is also provided. The aggregate has a first, temporary delivery shape, for delivery to an interior of said body lumen and to be subsequently subjected to a change of shape to a second shape, which is a tubular shape. The second format is visually different to the first format to a human but when captured and decoded by a mobile device, the second format produces the same decoded results as the first format. A beacon packet channel having a large output power and a data channel of which a transmission range is restricted by reducing an output power to be less than that of the beacon packet channel, may be simultaneously used. Finally, the silicon nitride layer is removed.

1459827088-e52a98e1-d9b9-4100-abe7-2141a1efbc2a

A pressure sensor includes a sense element port, a support ring and a plurality of interference fit slits to provide a flexible interference fit between the sense element port and the support ring to form a substantially flush lap joint. The articular surface repairs are customizable or highly selectable for each patient and geared toward providing optimal fit and function. A correction amount control portion 10 determines a correction gain value for the color information according to depth information that has been input. The array capacitor is provided with openings which are configured to enable pins from an IC package to pass through.

1459827089-165424d1-4266-4a36-8c73-8791c30988e4

Hydrophilic, multi-arm urethane polymers are described that are dispersible and/or soluble in water, and provide wetting, foaming and cleaning benefits for aqueous

cleaning products, including hard surface cleaners, machine dishwash, and liquid hand dishwash compositions. The receiving unit receives image data to be printed. The hydraulic system utilizes a directional control valve to direct flow between the source, the actuator, and the tank. The multi-layer valve system can be used to prevent a back flow of air and thereby maintain a static pressure differential between ambient air drawn in through an air ingress port and air forced into the inflatable membrane through an air egress port. The modified routers may initially run only the IP routing protocol and only commence simultaneous use of the OSI routing protocols if, and when, the router receives an OSI trigger.

1459827089-3c34d3fb-f2ab-4251-862a-3ba7f17ba162

A memory controller that controls data transfer between a volatile memory and a non-volatile memory, wherein data being held in a plurality of volatile memories each having a refresh operation mode and a self-refresh operation mode is transferred to the non-volatile memory. Embodiments of the invention incorporate hollow body having a diffraction grating thereon and an internal cavity to retain one or more lighting elements, and in some instances, to also retain one or more lengths of conductor. A rescue driver engages the grooves of the flat head and second indented area to remove the screw from the substrate when the grooves in the first indented area become stripped. If the result of the decryption matches the unencrypted information, the device trusts the signer of the credential. The timing device is configured to indicate the passage of a single duration of time or comprises zones that are activated in a range of prescribed times and individually or collectively indicate the passage of time or the passage of a range of times.

1459827089-52e0d5ca-0001-4f19-9ad4-6ed8f81538c1

An apparatus and method for detecting noise in a power supply voltage. The portable range extender has an engine, a dynamoelectric machine coupled to the engine by a shaft and electrically connectable to the vehicle, and a range extender controller for controlling operations of the range extender independently of the vehicle controller. A pulsed laser beam is focused within the substrate while the focus is translated relative to the substrate along a scan path at a scan speed effective to induce an increase in the refractive index of the material along the scan path. In particular, the architecture can regulate lossless application-level compression at that gateway or all of the gateways in the set as a function of the bandwidth utilization and/or the aggregate message load. The system clock on the chip is used as a temperature-independent frequency to generate a count. Pre-drawing the constructed slide in construction memory.

1459827089-b6cc0035-5b14-4963-8107-e5864bbd8057

A method of operating a fuel cell assembly and a fuel cell system use a simple construction to restrain deterioration of power generating performance of a fuel cell assembly at a startup in a subfreezing environment. When viewed from a direction perpendicular to the substrate plane the semiconductor device, the source electrode or the drain electrode covers at least one of a plurality of sites at which the perimeter of the gate electrode and the perimeter of the oxide semiconductor layer intersect. An output, controlled by a first variable-process-parameter control loop, adjusts according to the determined error value to adjust the parameter analog value and thereby reduce the error value at a response rate. By recycling substantial portions of the sludge, the concentration of these iron or aluminum species in the wastewater is increased.

1459827090-32e048ab-19f1-461b-84ef-94ff754c1f9b

The present inventor conceived of, among other things, a consumer healthcare portal to help consumers make well-informed healthcare decisions. The temperature of the Si single crystal substrate is raised to 270°C., a circulation fan is provided in a transverse junction between an outlet duct and an inlet duct, for a recirculation flow of supplied cooling air, whereby outgoing hot air from the electronics, when necessary, may be mixed with the cold air, so as to raise the

temperature of the cooling air to be supplied to the electronics. The cards are read one at a time inside of the dealing shoe, either before the buffer area or after leaving the buffer area, but preferably before the cards are being manually removed from a card delivery area.

1459827090-393da230-2b50-404a-851e-fc8e25d1e9d7

An emulsion polymer and a method for preparing the emulsion polymer by the free radical polymerization of at least one first ethylenically unsaturated monomer to form a first emulsion polymer and the subsequent treatment of the first emulsion polymer with a colloidal stabilizer, at least one second ethylenically unsaturated monomer, and a redox system at 20-85 C. When one display and control window is activated, the other display and control window is automatically reduced in size to such an extent that it is represented in its entirety on the interactive user interface without overlapping the display and control window. A mounting frame is located at least partially below the moving glazing panel and is configured to capture any water entering the vehicle at the moving glazing panel and to direct the water to a drain.

1459827090-3aa82cc7-9ef1-470d-9410-060061f27df4

A RRAM memory cell is formed on a silicon substrate having a operative junction therein and a metal plug formed thereon, includes a first oxidation resistive layer; a first refractory metal layer; a CMR layer; a second refractory metal layer; and a second oxidation resistive layer. An antennaless RFID device includes non-antenna conductive leads coupled to a chip. , using conventional equipment such as a conventional punch tool.

1459827090-4851e677-6d8e-4473-ab5a-98842e9ccd26

Provided are a flame retardant, a flame-retardant resin composition and an insulated wire that have favorable low-temperature characteristics, excellent cold resistance and high productivity. \u2018Darlington\u2019 is an iceberg lettuce variety exhibiting stability and uniformity. The startup delay circuit includes a signal generating sub-circuit that generates an output signal. The power is produced by relative vertical motion of the floating units, while each floating unit is simultaneously locked in the horizontal plane.

1459827091-35ab64ae-16df-4d28-8aac-3fe7ca74acec

A method and apparatus for modifying the perceived quality of a document or image. A light-shielding layer, having an opening surrounding the portion in which the contact hole is formed, and having no opening in regions between a plurality of adjacent pixel electrodes, is formed between the pixel electrode and the conductive layer. The secondary lines are shorter than  $\theta$ . An elongated member is disposed within the internal chamber between the main inlet and main outlet, and is biased towards the open position. The treatment process also includes controlling the contact time of the alumina process feedstock at temperatures in step to ensure decomposition of alumina trihydrate and alumina monohydrate.

1459827091-8fedea1a3-df7c-4854-8567-1e70251585cb

An imaging lens system includes, sequentially from an object side to an image side: a first lens having a positive refractive power; a second lens having a negative refractive power; and a third lens having a negative refractive power, wherein a viewing angle  $\theta$  satisfies following condition,  $\theta$ . The set of shifter polygons and the set of target features are separated into aggregates that are spatially isolated from each other such that the phase assignment in one aggregate does not affect the phase assignments in other aggregates. In order to optimize the gateway functionality within the subscriber, a provision is made that at least one of the communication controllers has an active interface via which the communication controller is connected to the peripheral bus and has a logic circuit for independently implementing a gateway functionality.

1459827091-bb63c980-b0a2-4a2a-8a10-9b3f5a6b2a68

Storage shelving includes at least two base elements consisting of an essentially horizontal base support and several storage grilles, whose side rails are arranged substantially vertically and whose grille bars run substantially perpendicular to the side rails. The invention makes use of the existing factory wastegate mechanism to form a fully adjustable turbine-inlet pressure relief. Subsequent encoding or decoding process is performed adaptively according to the long-term flag; and it is not always necessary to consider the LTP processing result, thus improving the compression performance of codec. The systems and methods described herein provide shorter residence time and high selectivity for hydrogen and carbon monoxide. Electrode contacts, embedded into the carrier so as to be exposed along an inner or concave surface of the spiral, thus wrap snugly around the modiolus, thereby positioning the electrode contacts against the modiolar wall in an optimum position for stimulation. The user may easily and repeatedly alternate suction and rinsing fluid through the suction lumen, i.

1459827092-0fb9f3cf-5f2a-4a87-bcfb-660d799d3f66

In one aspect of the invention, a system for processing data includes a memory operable to store a plurality of correlithm objects. When a user puts on the wristwatch-typed pedometer and performs exercise, the heartbeat signal from the heartbeat detector is received by a wireless heartbeat receiving circuit of a control circuit and transmitted to a data processing unit. The offset allows the seed to fall in the correct location of the seed tube to reduce or eliminate unwanted seed bounce and provide better seed delivery to the ground and better seed spacing as compared to flat disks without the offset. Simultaneously the control transmits a signal to the brake apparatus to actuate and stop the conveyor. In certain example embodiments, an anti-etch layer is provided on a glass substrate in order to protect the glass substrate from attacks by fluoride-based etchant, and an underlayer deposited by flame pyrolysis may be provided under at least the anti-etch layer. The method includes delivering a neuromodulation catheter within a vessel having surrounding nerves that innervate the liver.

1459827092-2cc3029e-3e04-469d-87ab-ac10c1e9c30f

An integrated hybrid energy generating system capable of converting wind and solar energy for use with an electrical generator. The sulfonium salt is used as a photoacid generator to form a resist composition which when processed by immersion lithography, offers advantages of restrained dissolution in the immersion water and less pattern dependence or dark-bright difference. A first part that has first elongated holes for a screw fastening to the engine and openings for a screw fastening of a second bracket part. Each of the LNAs may be configured for optimum linearity in different gain ranges, which may be proportional to the input impedance of the LNAs. At a position which is below the end of a gate electrode and at which misfit dislocations occur, the impurity concentration of the n type strained silicon layer and n type silicon-germanium layer is  $1 \times 10^{19}$  cm<sup>-3</sup> or less.

1459827092-d70d07f3-b365-427f-b282-2d6183120be8

A container for shipping and/or storing a stack of paper is disclosed. A UI content creation server 10, in response to the creation request, obtains information from an information server 30 and creates UI content and delivers the UI content to cellular phone 60. The holder element defines a channel for receiving the first ferrule and a socket aligned with the channel for receiving an optical component. The holder element further defines a first cable connector adapted for connection to the first connector and a first element connector opposite said first cable connector. The uneven portion includes a first recessed portion formed at a position spaced in the radial direction from the outer periphery of a through electrode or from the inner wall of a through hole, and a second recessed portion formed at a position spaced further outwardly from the first recessed portion. By means of using the zipper in production of the luggage, the process of making the

luggage can be simplified and the zipper can be well aligned with the half shells of the luggage, enhancing the yield rate in production of the luggage. Heating assembly includes an electrically powered resistive heating element wound through armature slots of the stator.

1459827093-f92485c3-5f4e-470d-8832-b4bf00b098a6

A hanging organizer and storage device includes a semi-rigid pad or pad sections encapsulated in a fabric material with a circumferential wire reinforcement and a hanging hook construction attached to the top edge of the organizer for suspension from a panel or door. The translucent cover is disposed so as to cover the boundary portion and overlapping with both of the plurality of display panels which are disposed adjacently. The entire tool substrate and substrate-to-support structure joints are then resin-infused simultaneously through the use of rota-molded tooling aids, providing an additional reduction in cost. An insert is attached to the bottom of the main plate. An optimization assistance tool analyzes the design and constraint data and the report data to identify potential problem areas.

1459827094-809665bd-d365-4f0b-8745-f32a02f6f576

Embodiments disclosed herein generally relate to the use of low concentration additives comprising a terpene and a cetane improver in diesel fuel to rapidly promote fuel atomization and air mixing in the combustion chamber and thereby increase the fuel efficiency and reduce harmful NOx and particulate exhaust emissions. Various sensors separately provide disparate analog signals representing different measurable attributes regarding the sensed object. An indicator is positioned in the upper wall of the housing and has an indicator arm and a visual indicator. A method for treating fabric is provided. DC decoupling elements are arranged between the amplifier and the microstructure. The seat back is supported by the cover member so as to move forward and be located in its rising position in front of the seat cushion and behind a front seat located before the rear seat according to a forward rotation of the cover member via the lower end pivotal connection to the vehicle floor.

1459827094-ac5b9f0d-09e0-4cc0-b2ce-98e562334730

An arbitration device arbitrates among master devices such that each master device is allowed to access a shared memory at a predetermined bandwidth, and the arbitration device permits an access request in a first period that a designer has set as desired if the access request has been made by a specific master device beyond a bandwidth that has been allocated in advance. Further the communication apparatus includes a communication controller, an Internet communication controller and a network communication controller. , the Internet, network-distributed advertising in which advertisements are downloaded, from an advertising server to a browser executing at a client computer, in a manner transparent to a user situated at the browser, and subsequently displayed, by that browser on an interstitial basis, in response to a click-stream generated by the user to move from one web page to the next. The flow diversion device is configurable between a first configuration and a second configuration, such that when the flow diversion device is in the first configuration the first fluid flow port is communicated with the second fluid flow port. Specifically, the sliding window filter calculates an upper confidence bounds and lower confidence bounds for each data point using each of the multiple data windows that includes the data point. The nozzle includes: a housing having a generally cylindrical space formed therein, the space forming a gas flow passageway; a rod-shaped conductor disposed in the space and operative to transmit microwave energy along a surface thereof so that the microwave energy excites gas flowing through the space; and an impedance controlling structure which adjusts the impedance of the nozzle.

1459827095-2d4c5718-3326-4c6d-93a6-4f28d02a2d5f

According to typical inventive practice, a cable is grasped by a Kellum grip and is positioned through the topside \u201cV\u201d-notch of an \u201cM\u201d-structure.

The memory stores a set of data representing program code and/or an operating value for printer control. Hence, a spray face in the form of a tile having an array of outlets can direct spray in a variety of directions, or be parallel to a mounting wall for decorative purposes. Each of the row components is coupled to one of the individual tubes. Conventional, such as attenuating, rigid geometry, and unconventional collimators, such as x-ray optic, configurable, Compton scatter modules, can be selectively employed with detector modules and radiation sources. Exemplary materials for providing the temporary electrical connection may comprise a conductive film or tape, a conductive or conductor-filled epoxy, resin or RTV adhesive-based materials, a water-soluble material impregnated with a conductive filler or non-reflowed solder paste.

1459827095-c3b30321-07a0-49b4-9c46-f3500bcd0a35

A drain snake device having a rotatable handle crank at one end and an interlocking opposite end. The interchangeable piping sections having a common length and are connectable to the backbone piping via standardized interface flanges. The outer tubular body completely overlies the distensible stent. The item thus carries its own destination address and can be transported to a specific processing device that corresponds to the destination address. Doped silicon may form the monolithic structure to provide the voltage necessary to run the system. The design tool also includes a schema to dictate how functional operations within the service definition model are to be specified.

1459827096-0959f890-f4ed-4bb3-9096-910df0c58482

A method generates one or more linear blends. The modules have a set of performance parameters whose values specify the sensitivity of each module to the selection of certain resources of a system. A bale that is bound by one or more wires is transferred by the conveyor system to a position proximate the de-wiring station. The first region of the first and second semiconductor layers are in electrical contact with one another through a first opening in the second insulator layer.

1459827096-0fe83210-77e6-493a-a8d6-8361aa30db9c

A modular prefabricated deck system which includes a plurality of rectangular flooring modules. For example, determining what optimizations to use may consume significant processing power and memory on a node. During a second time period, data is transmitted at the second frequency band and received at the first frequency band. If the measure exceeds the threshold, the neighboring property values in only one of the two predictions directions are used for calculating the prediction.

1459827096-623b8e58-da60-4f2d-bfda-8d98fe4b5f51

Structures, systems and methods for transistors utilizing oxide nanolaminates are provided. The devices, which contain NOCC, are adherent to the mucosal tissue, allowing localized drug delivery. One of the links of the reclining mechanism is a backrest support link that moves in concert with the backrest between the upright and reclined positions. The apparatus also includes at least one process resource table. The experience provider can create an experience with a variety of dimensions and features. A carbon particle having an average particle size of from about 1  $\mu\text{m}$  to about 50  $\mu\text{m}$ , a degree of stabilization of from about 0.

1459827096-a76ccf18-5b18-4023-b8f7-df1fdd04be99

A sliding board includes a board body made of a light material, and at least one reinforcing unit mounted in the board body to reinforce a structural strength of the board body and including a plurality of reinforcing bars which are connected serially to form the reinforcing unit. Shock absorbing portions and hard portions are provided in an alternating fashion on at least a part of the outer peripheral side surface of the frame portion. The standard RF module may be adjusted, configured, or both during manufacturing, which may eliminate calibrations, adjustments, or configurations by customers. The pressure brazing may be performed

with the determined pressure brazing parameters to complete the fabrication of the rocket engine nozzle. If K is odd, in ST207-ST212, for sequences that cannot be paired, one of sequence numbers, which are not currently allocated, is allocated.

1459827096-c01bf05d-af0f-48d1-8365-447f91f91a42

A system and method for providing financial account messages to customers while accessing web sites is disclosed. A wash-out apparatus or element is adapted for temporary or permanent insertion between a liquid source pick-up point and where the fluid may exit the system. The agent learning system communicates with the external environment in an artificial economy through on-line auctions.

1459827097-0a3fcae2-9d8e-4da4-9e5c-d4716cf52de6

A Conveyorable Plastic Thermoformed Pallet, having a support member and support legs with outer walls, internal walls and inner walls, is utilized to transport product on a conveyor system. By including free-form optics and waveguide technology, the volume and weight of the display apparatus can be reduced, and an optical system can be realized with improved image quality, structure, and performance parameters. The heat pipe is positioned so that when the temperature of the engine exhaust is too high, the excess heat may be transferred away from the thermoelectric conversion device to the heat sink via the heat pipe. The wear resistance is increased while providing a lower coefficient of friction by the wear resistant layer relative to a coefficient of friction of the downhole equipment without the wear resistant layer.

1459827097-56da2cb0-b4f1-4425-bbe5-181ab6c1ca7f

A method and apparatus are disclosed for releasing functional units in a multithreaded very large instruction word processor. Pharmaceutical compositions containing the subject compounds are also disclosed. The feedback circuit is connected to the differential circuit. Any of a variety of known digital signal processing techniques can be used to normalize the component audio files. When the flaring surface and the tapering surface contact each other, the grab ring module compresses the surface of the pipe.

1459827097-a6ea4fc6-fbc9-472b-a6be-ae0c205134a

The light emitting device package of the present invention has a longitudinal direction and a transverse direction perpendicular to the longitudinal direction, and is provided with a first and second lead-frame lined-up in the longitudinal direction and molded resin holds the first and second lead-frames integrally. The first recording apparatus includes a recording means for recording an AV stream, a generating means for analyzing picture types of respective pictures and generating trick play information, and a transmission means for transmitting the AV stream to the second recording apparatus with the time information. The delivery amounts are added to stock amount parts data corresponding to the shared and optional parts. The keypad has an opening in the user interface area for receiving a speaker, and a navigation input key may be positioned over the speaker. The boot files may be authenticated by the client before execution to create an operating system.

1459827097-fdeabfff-7496-42f0-84b0-3bb9737fa298

Two components must be aligned to each other in the pitch, roll, and azimuth axes. The glass flux comprises two lead-free glass compositions. Thus, the muffler has a plurality of chambers of different sizes providing noise attenuation at a plurality of specific tuned frequencies, and the liner provides broad band attenuation. Spray of paint from the canister may be initiated, for example, electrically or using a suitable mechanical actuation linkage. The assembly includes a division bar mountable in a vehicle rear door window opening to create at least two air passages on opposite sides of the division bar within the vehicle rear door window opening, to thereby minimize wind noise generated during movement of the vehicle when the vehicle front windows are closed with the vehicle rear windows being opened. The engagement member includes projections or dimples which engage receptacles on an

engagement member to secure the stand in a desired arrangement.

1459827098-836b9ada-cd17-4423-8584-a4889afb933

A paper web reeled on a reeling core is affected to form a reel at least by means of the torque of a reeling cylinder and the nip load, wherein in connection with the reel change a new reeling core is brought in nip contact with the reeling cylinder above the reeling cylinder, together with a change device especially a so-called gooseneck. In one aspect, the assembly may comprise a receptacle member having sidewalls and a back wall so as to define an opening wherein the receptacle member is adapted to be positioned in the back of the vehicle seat. The terminal portions are inserted into respective through holes of the circuit board, the circuit board having a pattern circuit at a surface layer thereof and a conductive metal core at an intermediate portion in a thickness direction, so that heat of the metal core or of both the metal core and the pattern circuit is absorbed and transferred to the terminals. A relief valve may also be located in the fastener and connected to the fastener port, or in a different fastener having a separate fastener port, to permit the fluid in the hydraulic circuit to be discharged to a sump. The compositions are derived from at least carrier having at least two hydrogen bonded hydroxyl groups, organoaluminum compound, Lewis base, and Bronsted acid, wherein the Lewis base and the Bronsted acid form at least one ionic Bronsted acid.

1459827098-b1368f02-9c39-4552-a927-5fd8ed8008e0

The present invention related to oligonucleotides for use in amplifying and detecting HIV nucleic acid in a sample. The device comprises a reticulation portion including a plurality of struts connected together in a singly staggered configuration distally along a longitudinal axis. The formed-in-place gasket is formed of a cured elastomer having a cross-sectional cavity for allowing the formed-in-place gasket to compress upon engagement of the cover and the disk drive base. The composite tapes exhibit favorable tunability, low loss and tailorable dielectric properties, and can be used in various microwave devices. Hence, transistor elements with extremely shallow PN junctions may be formed on the basis of pre-amorphization implantation processes while substantially avoiding any undue side effects typically obtained in conventional techniques due to stacking faults.

1459827098-e90b7e91-6b54-4db1-9d77-14ca0dc652d1

One embodiment of the present invention includes an optical cavity, a source to provide light to the optical cavity, a sensor to detect the light and generate a corresponding sensor signal, and a servo device including a feedforward input and a feedback input. The method also consists in automatically forming digital images of the top of the stack at a certain rate, the digital image of each article of the top of the stack including a sorting indication. The decompiler API may accept a data stream, which includes a representation of the object, and output a copy of the object. The mapping rule may enable multiple messages to be successively written to the same block in a solid state drive without an erasure operation. An operator's response generates a second result. The invention also prevents premature eviction of cache lines still in use, such as lines allocated by the run-ahead prefetcher but not yet referenced by normal execution.

1459827099-08463ac5-c412-4c17-a6ba-8ab68e366f03

On the top of a central protrusion 81 of a stationary electrode substrate 80 there is formed a stationary electrode 84A. The side walls tend to deflect outwardly while under pressure, but are supported externally by a support system such as the walls of a cargo hold. Since the LCD's display section has a smaller outward form than the LCD, the LCD module is fixed to the case using the fixing sections on the side faces of the backlight module so as not to affect the LCD display section.

1459827099-5e27292e-a972-487f-8423-2346d8f46a49

A transportable play design assembly with an open operative position, an



alternative closed position and which may be folded to enclose play items therebetween when play time is concluded. A processor maps a controller workspace with an end effector workspace, and effects movement of the end effector in response to the movement of the input device. The selected web-based application component is provided along with a snippet of code for integrating the selected web-based application component into the web-based application. The fixation member may be locked in any one of a plurality of intermediate points between the first configuration and a maximum second configuration. The blade is so formed as to define means for mechanically retaining and electrically connecting the electric wire, and which act on an end portion of the inner conductor.

1459827099-7b7a5be3-4870-49d9-8626-41c05c493064

A method and system for provides a user with an ability to capture a sample of an experiential environment and deliver that sample to an interactive service to trigger one or more predetermined events. A locking device is arranged in at least one of the bus bar chambers for automatic locking engagement with the associated bridge contact, thereby to retain the bridge contact in engagement with the associated bus bar. The invention also relates to a specific interaction between the S. The conductor may also be deployed to couple or cross-couple cavity resonators in a filter implemented in a broadcast- or base station.

1459827099-ac49eb89-61f6-47e4-93c6-7a4073fd6683

The invention provides a cross section evaluating apparatus capable of analyzing the cross sectional structure in a state where the temperature of the specimen is regulated. The system may be commercially available as a kit, or may be available as kit components which can be purchased as needed. The delay locked loop is implemented to measure the period of a reference signal and to mirror the period into a second delay line such that an adjusted reference signal having a frequency approximately equal to the frequency of the reference clock may be generated. The boot is configured to maintain a sufficient level of vacuum within the fuel storage and dispensing system.

1459827100-22419bae-0950-49a2-917d-c1c45a18082f

In a fluid heating apparatus, a heat protect temperature sensor indirectly detects temperature of fluid heated by an electric heater adjacent to the electric heater. The hood isolator comprises a bracket with a mounting plate, a front plate and an intermediate plate therebetween. Four end panels connected to the side panels may be folded together to form a bottom for the carton when in its assembled condition. The ratio of the focal length of the projection lens to the focal length of each of the lens groups is such that  $|F1F| > 5, 0$ . The belt cleaning system may also include a second cleaning assembly positioned after the first cleaning assembly in the direction of travel of the conveyor belt.

1459827100-2e5fa6d4-646c-4d47-ae9b-282ee6bf84ee

Techniques for shape clustering and applications in processing various documents, including an output of an optical character recognition process. When a subscriber accesses a telephone function of a system coupled to the public exchange, the system develops a relationship between a component of the system allocated to the subscriber and the identity of the subscriber. The user then enters data describing each selected product. The lens seat covers and encloses the image sensor with the connecting section of the bottom of the image pickup cylinder sealedly attaching to the periphery of the top face of the package of the image sensor. In this method, the yaw angles of at least a subset of wind turbines of the wind farm are ascertained, an average yaw angle is established from the ascertained yaw angles, and a yaw misalignment of the wind turbine to be checked is identified by a deviation of its yaw angle from the average yaw angle by more than a threshold value. When depressed, power is transmitted to the ducted fan for vertical lift.

1459827100-f772e9ff-9a8f-4c20-9fb5-c563c8a681f0

A virtual recovery server is described herein. The display device includes a LED light source, a light diffuser positioned over the light source, and a lighted display screen mounted over the light diffuser. The driving circuit uses an amendment value corresponding to a difference between a given characteristic value set in accordance with the electro-optical element being driven and a center value of a range that can be taken by the electronic volume value to amend the electronic volume absolute value, thereby generating the electronic volume value. For example, the dispenser can include an additional button for manual operation of the pump. The dummy undersea hydraulic coupling member has a water displacement expansion chamber with a piston therein that allows trapped water and/or air to move from the receiving chamber to the water displacement expansion chamber during connection of the dummy coupling member to the opposing coupling member. If they can, the update module calls an update function in all registered modules which then change their parameters to those set by the new configuration file.

1459827101-20d24474-8107-426f-83e1-67a1ac36ead1

A system and method for determining a risk root cause are provided. A door opens and closes one side of the print unit to install and remove the developer cartridge. A second x-ray image of the area of interest is acquired using spatial x-ray modification to control an x-ray to pass through a portion of a patient corresponding to the area of interest.

1459827101-442d093b-a0a0-40c0-a058-bc404e86a4c4

Opportunities to transmit ATM cells of identical level onto an ATM line are equally afforded to respective terminal side lines. An interim gate electrode stack formed includes a top silicon portion patterned from a second silicon layer, a sandwiched oxide portion patterned from an etch stop oxide layer, and a bottom silicon portion patterned from a first silicon layer formed on a gate dielectric layer over a substrate. A sliding-window correlation is applied to the received symbols represented in the frequency domain to detect frame boundaries for multi-carrier signals.

1459827101-44c85cba-9193-412d-aa2b-c5dd7ddc661a

A liquid ejection apparatus includes: a passage unit, a piezoelectric actuator, a drive signal generator, a driver, a voltage value changing unit, and an interval setting unit. A tone signal detection part detects data representing an echo signal of the tone signal transmitted by the tone transmission part, and detects data representing a predetermined tone signal targeted to be detected. The hinged portion is pivotable with respect to the stationary portion about at least one hinge. However introducing lines of weakness may result in cavities and holes which are subject to moisture ingress and problems associated therewith. An accessory supporting pocket may be secured to an exterior of at least one of the flexible sides.

1459827101-69a47d5a-5ce6-4bec-9abf-46dd5f2f50b3

An ultra wideband loop antenna having a planar antenna element defining an at least semi-elliptical perimeter having a major axis, a minor axis and a center. The distance information may provide an indication as to whether or not the tracheal tube is properly placed within the trachea. The washer provides a leak guard opening that receives the oil plug of the oil pan.

1459827101-8fb8abc1-8e56-47e1-8735-221732859d3c

An anti-resonant circuit arrangement for an antenna wiring system, the anti-resonant circuit arrangement including a first electrical component having a connecting area and a second electrical component, wherein the first and second electrical components combine to produce an anti-resonance effect. When higher levels of noise are acceptable, the envelope tracking transceiver dynamically adjusts transmitter parameters to achieve better power efficiency while sacrificing noise performance. A first bait receptacle is disposed above the combustion chamber

with bait being disposed in the first bait receptacle such that the heat from the burning candle warms the bait receptacle to evaporate bait into an electrified grid.

1459827101-c79bd2c4-f20f-495d-ae66-de635e995271

An image processing system includes a fixed-type game machine and a hand-held type game machine. For example, content from an electronic book can be displayed in a graphical user interface. The ditherer is further configured to vary the time period between generating the indicia corresponding to the plurality of impulse trains. Each design view has a unique format relative to the other design views and includes for each pin in the embedded circuit design, at least the HDL pin name, the associated schematic pin name, and a signal direction associated with the pin. Manufacture is further simplified by molding, casting, or thermoforming the lens.

1459827101-f5ff49cd-a9e1-45d0-b282-464c225f3e21

A kit comprising the items needed to build an emergency shelter in the flexible-form rammed earth style, and a method of packing the items for shipment. The base plate includes a guide that guides the coupling of the restriction member to the base plate. In a measuring device for this purpose, a plurality of detectors are provided for wavelength regions directly adjoining one another. , the Mobile station Status Indication Bits defined by Release D of the IS-2000 standards, indicate whether the mobile station is capable of increasing its reverse link data rate, and may additionally indicate whether the mobile station has enough data for transmission to warrant a higher rate. Thus, the laminated wave plate 1 functions as a desired retardation \u039332 in a wavelength from 600 nm to 800 nm as a whole. In this manner, the computing device may control the actual force applied to a sewing body part to a desired force which depends upon the positions of related body parts.

1459827103-32d81baf-7a97-4a91-97a3-2fa59d2a40fc

Systems and techniques for creating a circuit abstraction are described. Ideally, the electro-luminescent structure comprises separate red, green and blue micro-panels providing full color capabilities. A command and control processor causes the selected dental image to be retrieved from the storage device and then displayed on a display monitor. A different channel is selected from the plurality of multiplexed channels as the reselected RTrCH when a better candidate transport channel in the ON state becomes available, or when the monitored RTrCH reflects an OFF state. The generator generates verification module code based on the interpretation of the stream of tokens representing the IO information of the hardware descriptor language code and the rules interpretation.

1459827104-2c8b5076-78c4-4ce1-823e-cdc09cc56b6f

Methods, systems, and computer readable medium for providing translated web content. The preferred polyimide is made using a molar excess of diamine which is end-capped using an anhydride. Expression vectors and isolation procedures for CBS, or derivatives thereof, and CBL, or derivatives thereof, are also provided as well as test kits for carrying out the assay.

1459827104-4d78ebf5-aa81-4db3-af74-edf62463a8de

The system and method of the present invention provides an innovative bus system of lines which can be programmed and to provide data, control and address information to the logic circuits interconnected by the bus system. A conducting polymer plug is formed over the exposed metal terminating pad. Further, the system includes a server for managing the advertising material provided to the display location, and a plurality of input sources connected with the server to provide scheduling information and the advertising material to the server for scheduling display of the advertising material on the display location. The entries of the database index are normalized to exclude precision. In order to improve the connection between cylinder floor and function block, the cylinder floor has at least one cylindrical

outer connection area into which the pressure medium lines that lead to the work chambers open to the outside and onto which the function block is placed and attached with a sealed through-hole, into which the pressure medium lines of the function elements open. A through hole for guiding the developer from the developer container main body to outside.

1459827104-68aab582-eb4a-4adb-9319-e2c004d1b6f3

A motheye mold fabrication method of at least one embodiment of the present invention includes the steps of: preparing an AI base in which an AI content is less than 99. Providing the viewer with notice of the switched channel reduces viewer confusion. In one embodiment, the tool includes a user interface layer, a business layer, a data layer, and a database.

1459827104-9be669e3-0dd3-49a1-a6a4-8ef43bbdc5e9

Disclosed herein is a portable digital communication device usable as a gaming device and a personal digital assistant. Each performance level has an associated processor utilization. Leaves of each pair in the second set are disposed in an opposed relationship and longitudinally movable relative to each other in a second direction generally parallel to the first direction.

1459827104-ba93ad40-47f7-4081-82c8-4f0a605f8129

The present invention relates to a process for preparing secondary amides with good selectivity by carbonylating a corresponding tertiary amine with carbon monoxide in a reaction mixture in the presence of a metal catalyst and in the presence of a halogen containing promoter. The method comprises providing a free end support engaged with the free end to stabilize the tire building drum by restricting lateral movement of the free end; and freeing the free end by temporarily retracting the free end support when desired, e. The contact lens chamber can be closed using removable chamber caps each of which has a flexible compressible cavity in whose center is mounted a flexible cap membrane that faces and isolates the chamber.

1459827104-c98c83e1-67f7-48f6-b532-2e03961f0485

A drilling tool includes a tool shank disposed about a center longitudinal axis. The first lens element with positive refractive power has a convex object-side surface. The process provides for the reclamation and reuse of the immobilized enzyme even when a further particulate solid is present in the effluentproduct stream. The equipment jacks may facilitate temporary connection of cables for testing or patching signals to the network elements. The catalyst may further comprise a support modifier to improve selectivity for the desired product. The redundant multiplexer is used in a semiconductor memory configuration having redundant bit lines for replacing faulty bit lines.

1459827104-cbc5ae13-bcc0-4184-a5f5-35512c30337a

An approved method and apparatus for detecting partial discharge events within a transformer comprises asserting a MEMS acoustical probe through the wall of the transformer to optically measure partial discharge events. The hole cleaning nozzles of one drill bit define a projected fluid path disposed at a lateral angle of less than six degrees in order to achieve a large impingement pressure on the hole bottom. The intermediate layer has the Curie temperature TC2 which is lower than those of the other magnetic layers. Pixels of radials radiating from the center point of the image are detected for detecting blemishes in the image.

1459827105-0c80f323-e531-4155-b20a-77dcea2f0fd0

Tubulars are joined to each other without rotation of the tubulars. The weight percent of the elemental constituents of this first alloy and a second or target alloy are obtained, and the ratio of the percentage by weight of each elemental constituent in the first alloy to the second alloy is determined. To generate valid postage indicia the virtual meter software is executed on a first computer while it

is in communication with the remotely located second computer. In this manner, an inexpensive cover can be installed on existing shelf systems without disassembly. The frequency spectrum may be modified by modifying characteristic one or more of the frequency bands.

1459827105-5d1be071-8ed5-45c7-aa69-e0b7f3eb6184

An elastic core fiber is caught to prevent production of a core yarn having no elastic core fiber. A cleaning fluid-feeding head integrates a cleaning head portion and a fluid-feeding head portion. Ceria is the preferred oxygen storage oxide. A control knob, which is attached to the tip of the cam shaft, may be turned to control the rotation of a switching cam which sets contact points to on or off positions. A method for forming the elongated spiral antenna uses a predetermined formula to form arms of the elongated spiral antenna. The second step constructs a correction function that shifts the position of frame image of each frame with respect to the frame center to compensate the error.

1459827105-cab4a68c-bb2d-4418-870b-47b2c010297b

A radio resource management technique in a cellular telecommunication system is disclosed. The BAU has a GBus trace unit and an IO bus trace unit, each with its own trace logic. The weld head includes means for securing the flanges within the weld head and further include bias means. The field winding has less inductance. If the available end system decides to instruct an intermediate system to forward certain traffic from a certain source to the end system, the end system can advertise the flow information to intermediate systems.

1459827106-53cf15b1-e8fb-4e17-8720-6ae14ff7ba30

A method for booting up a mobile phone quickly is disclosed. The building-related data, including building management system data and configuration data associated with the building, is associatively stored in a database. The user then presses an authenticate button, which causes both devices to enter a low transmission power mode. The write section writes the new path metric data and the path selection data in the path metric memory and the path memory, respectively. A controller causes the intermediate transferer to rotate continuously and causes the primary transferer to apply the primary transfer bias until a toner image forming area on the outer surface of the intermediate transferer passes the primary transferer after the secondary transfer.

1459827106-ce7a9826-0c7b-4e19-a238-eb174ba43f14

The invention relates to a device for the time-controlled intravenous administering of the anesthetic propofol by means of a method used for determining an adequate dosage profile and adequately controlling an infusion pump as a metering apparatus. The gas specie selectively form and etch a buffer layer that protects underlying etch stop materials thereby providing highly selective etch processes. A method comprising disassembling data objects, efficiently de-duplicating, securely storing and retrieving backups in shared servers on a public network, and controlling retention. In another aspect, the electrode is electrically connected to a metal component that permits electrical connection of the surface acoustic wave device to an electrical device external to the surface acoustic wave device.

1459827106-f6372ded-42fe-4aa0-b677-7d53543d0c34

An adjustable bed skirt, for use with a bed having a mattress and a box spring, includes side panels having a non-slip portion, and end panels also including a non-slip portion. The club head includes a hosel having an upper treaded portion and a lower portion with a faceted cross-section. The scanning device is configured to scan the ion beam in a transverse scanning direction.

1459827107-0a474251-2ab6-4af8-ac46-94e75ee6cd38

Described herein are compounds with affinity for the 5-HT<sub>6</sub> receptor, which have the general formula I: . The fastener is capable of bearing tension, shear, and bending

stresses and may be installed in a simple aperture or hole formed in the support. The dumped information is stored in a memory associated with the dump system.

1459827107-8508b3fc-af0b-425e-a31f-bad388d1d723

An iterative scheduling and campaign management process uses a WFM system and a CLM system. The comfort system comprises a base section having a pair of sides, an upwardly directed section having a pair of padded sides, and a pair of padded headrests located on respective sides of the upwardly directed section. The first trench and the second trench have different widths and different depths. In the examples, the material with the doped semiconductor nanophosphor dispersed therein appears at least substantially clear when the lamp is off. The first electrode and the third electrode can generate an electric field in the direction perpendicular to the substrate in the liquid crystal layer. A terminal acquires the synchronization for a first downlink component carrier by detecting a primary synchronization signal and a secondary synchronization signal in the first downlink component carrier.

1459827107-edbf8735-7c1c-4d5e-97f1-2d8a9fe0f074

A backlight module includes a light guide plate, at least one light source, and a reflective plate. The main body has a light emitting surface, a light reflecting surface, and two opposite end surfaces. If the transmission quality is adequate, the mobile unit switches from a primary speech coder to a secondary speech coder. A section of the jacket strip is cut off, wherein during the cutting operation, the support edge and the at least one cutting tool are advanced along with the jacket strip. The hypoid gearset is selectively disconnected from being driven by the first driveline, the second driveline or the wheels when the synchronizing clutch and the power disconnection device are operated in disconnected, non-torque transferring, modes. Compounds of the general formula are advantageous precursors for preparing phospholane catalysts, especially bisphospholane catalysts.

1459827107-ffff7a4d4-bb44-40bd-915b-83019a0b7e3a

The present invention provides a porous structure of fibrin or fibrinogen material. The rotational position can be detected by a magnetic marking system. According to some embodiments, the airfoils and enclosure are of integral unibody construction.

1459827108-225c6577-abd4-4aab-a839-10f011a723a3

A circuit that may be used to support testing of a memory block. The fuel cell comprises a fuel gas flow passage for supplying a non-humidified fuel gas from a side of a first surface of the ion exchange membrane, and an oxygen-containing gas flow passage for supplying a non-humidified oxygen-containing gas from a side of a second surface of the ion exchange membrane. The movable aperture member is actuated by a lift assembly comprising a lift ring and lift supports from the lift ring to the aperture member. The signal light input/output end includes a pump wavelength reflector that reflects the pump wavelengths back into the gain medium, but is transparent to the signal wavelengths. The method of use may include the steps of placing a feedstock into an upper portion of the refractory stack, measuring the temperature of each columnar cavity, and adjusting the flow of oxygen to a particular columnar cavity to maintain the temperature of the particular columnar cavity within a particular range.

1459827108-85cb1330-2ce7-49a7-894a-caf6f792453d

Nonvolatile memory elements are provided comprising switching metal oxides. In order to detect foreign bodies in the material in a targeted manner and to differentiate them from each other, so all or only the unwanted foreign bodies can be, for example, eliminated, the beams have two defined and different wavelength ranges and the reflected beams are simultaneously and jointly detected from the two wavelength ranges. The method includes selecting a total luminance level, determining a first current flowing when a first sub-pixel is energized causing the OLED pixel to emit light having 13 total luminance. The open end portion of at

least one of the outer and inner cylindrical covers has a shoulder which is placed in line contact with the open end portion of the other cylindrical cover to secure portions of the outer and inner cylindrical covers installed on an end side wall of the housing. Further, the electronic control unit changes the value of the heat capacity used to estimate the temperature of the thermo wax depending on the variation of the estimated temperature of the thermo wax across the phase transition point of the thermo wax so as to preferably control a switching valve which is operated by heating the thermo wax.

1459827108-8bdbac33-b420-4892-bea9-5ce81018f5d6

A baseball and softball practicing apparatus includes a stand, a housing mounted on the stand, a ball throwing wheel mounted in the housing, and a feeding member mounted on the housing. According to one aspect of the present invention, a method for updating firmware associated with a memory storage device includes providing new firmware to a host and sending the new firmware from the host to a reader which communicates with the host. The first body includes a first end, a second end, and a middle section.

1459827108-ae28bef8-7a1d-41cc-8db2-aec8b7ea9f37

A method for setting a color location is provided. The process includes both recovery of hydrogen already in the stream by membrane separation and PSA, and production of additional hydrogen by steam reforming of the hydrocarbons. The torque transmitting devices include three clutches and three brakes actuatable in combinations of three to establish each of ten forward gear ratios and one reverse gear ratio.

1459827108-ef17d1ad-d5da-4c36-9bdc-e90bdbb546fb

A process to increase the area of microbial stimulation in a process of methane gas recovery in a multi seamed coal bed methane dewatering and depressurizing production system by first utilizing an underbalanced multilateral drilling technique. The apparatus includes the liner assembly in place with the identifying indicia visible from the interior of the main pipe line. The server is configured for: receiving the interaction data from the handheld display device; identifying a page description corresponding to the interaction data; retrieving display data using the identified page description; and sending the display data to the handheld display device. Data is stored for a queue allocation table that maintains a plurality of buckets to which received packets for a flow are assigned and indicating which of a plurality of resource queues are allocated for respective buckets. When arranged at the selection position, each movable body allows the suction portion to apply suction to the movable body and allows the wiper corresponding to the movable body to perform wiping.

1459827109-59bc1ef0-21b5-4c69-98fa-82d6926ee690

A system and methods of the present invention advantageously provide efficient mail processing and handling that, as compared to existing procedures, enhances detection within the mail being processed or handled of biological, germ, chemical, or other harmful agents. The rack includes a bracket which is adapted to be fitted on an elongate support frame. In another aspect, a structure includes a substrate having a top surface, the substrate including at least one pit having a base lower than the top surface of the substrate, and a semiconductor material having a bottom surface formed on the base of the pit. A difference sinogram is generated for each image in the identified subset of images by subtracting a first sinogram of the high density feature from a second sinogram of the original image. At least one bearing member is disposed between the sensor housing and the rotatable shaft for limiting relative axial movement and allowing relative rotation between the sensor housing and the rotatable shaft. Also disclosed is a method for treating a human female in need of 17 $\beta$ -estradiol and a contraceptive method by oral administration of the pharmaceutical dosage unit and a method of preparing a pharmaceutical composition that may be used to form the pharmaceutical dosage unit

of the invention.

1459827109-c1f98bd2-9161-45b6-bbd8-7929d46e99d0

The invention relates to avionics equipment including a motherboard, at least one daughterboard and, for each daughterboard, two supporting slides attached directly to the motherboard and bearing the daughterboard. At least one of the electrical devices is preferably a battery operated device. The memory device additionally includes a second layered structure stacked in the vertical direction and comprising alternating topological insulator layers and insulator layers.

1459827110-03d2c8f1-c3b8-4c3b-b98e-7e4711392cdd

A vehicle seat assembly having a sliding seat bottom, a slide lock mechanism, a seat back pivotally mounted to the seat bottom, a pivot lock mechanism, a walk-in pivot release actuator, a fold-flat pivot release actuator and a blocking member. The branched radio frequency multipole comprises multiple ion channels through which ions can be alternatively directed. The power converter also includes a power converter controller configured to receive a signal from the load indicating a system operational state of the load and enable a power converter topological state as a function of the signal. The connecting rod further includes a piston pin bore surface extending about an inner circumference of the pin bore opening, and the lubrication passage extends through the shaft from the crankshaft pin end to the pin bore opening. Furthermore, according to the traveling direction of the vehicle at the intersection, a display pattern of several captured images to be displayed is determined.

1459827110-3732bc6f-62a1-4c44-aace-674bdc1a886c

A head-up sight for an aircraft having a curved windshield. The concentrated peracid solution produced is sufficient for use in a variety of disinfection and/or bleaching applications. The CCD camera picks up images of fuse 14 in the electric junction box 12 as a subject of the inspection. A common bus between the synchronizing converters includes a sync line and a common phase control line. The cover member preferably has an upper member, a front member extending from the upper member and a pair of side members extending from the upper member. The arrangement enhances the repeatability of reading in the sub-scanning direction and image input can be made with a better resolution than the intrinsic resolution of the image input apparatus.

1459827110-7b128052-1e63-453e-b20f-65a3d3bb4b62

A system providing an inductive power and data link between an external transmitter and miniature internal receiver is presented. The semiconductor facility contains processing apparatuses, installation tables and an installation floor. The support member includes first and second flanges extending out therefrom. A set of configuration rules accessible by the PSM defines the manner of processing by the PSM on the serial data streams.

1459827110-9ec5d100-68c4-434b-bd93-ec7fddc56cf3

Methods and systems for providing light weight client sessions. The cardiac device may be, for example, an implantable cardioverter/defibrillator, cardiac pacemaker, or combination device that communicates via a radio frequency link with a drug delivery device. The compliant element exhibits deformation consistent with the first substrate and a second side having been pressed together. Alternatively, the hose is formed with a corrugated portion having uneven characteristics in its circumferential direction with respect to tensile strength in the axial direction.

1459827111-794204c0-5cef-4011-883e-42fbcf392edb

A tire pressure mounting apparatus is provided including a pressure sensor for sensing the pressure in a tire. The camera can be secured to the bar using the camera's tripod mounting hole. Then, as IP Sec is performed on outbound and inbound datagrams, the NAT function is also performed. Therefore, the insulating member



incorporated in the lithium polymer battery can enhance the safety of the battery.

1459827111-942eca57-a725-4e68-95c8-6902e5b23aba

A system receives a voice search query from a user, derives recognition hypotheses from the voice search query, and determines scores associated with the recognition hypotheses, the scores being based on a comparison of the recognition hypotheses to previously received search queries. The process can include distilling an unconcentrated aqueous hydrazine solution into a starting binary solution, distilling the starting binary solution at a pressure where a concentration of hydrazine in the binary solution is greater than a concentration of an azeotrope at the distillation pressure, and recovering the anhydrous hydrazine. In addition, the nematic liquid crystal composition has an augmented birefringence and a dielectric anisotropy. The flash unit further includes a support stand mounting bracket that is adjustable relative to the base of the housing.

1459827111-b593721f-3a96-42ad-9c8c-847689f51071

Methods for floorplanning a hierarchical physical design to improve placement and routing are provided and described. The method enhances illumination on micromirror array devices by applying a selected optical material between a package lid and glass substrate of the micromirror array device, the selected optical material having a refraction index that matches the refraction indices of the package lid and the glass substrate. Then, peripheral driving circuits are provided in regions where the interference fringes exist and a pixel matrix circuit is disposed in a region where no interference fringe exists.

1459827111-f314909c-1dce-403d-b334-e18fab17a8db

A method comprises gathering intravascular photoacoustic data using a transducer inserted into a vessel of a patient. An application developer can define security settings declaratively at the object, interface, and method level using a graphical interface. At least one fiber web is corrugated to form the gas channels and rolled up to form the filter body, and the cross section of at least a portion of the gas channels changes from an inlet end to a discharge end. Further, the method comprises simulating a first simulateable partition in the given group responsive to one or more input stimuli to the first simulateable partition.

1459827112-589e9aa2-e226-4f53-9838-79aebdc3feed

An amplification circuit comprising a first filter and an LNA. There were at least a few hundred entries. Further a holder supports the aiming indicia and is attachable to the archery bow.

1459827112-6a290de1-ce7c-4bd8-9d2f-3805fe15f7b2

An electrochemical sensor is provided that includes a housing having an outer wall, a plurality of longitudinal walls disposed within the outer wall, and a reference chamber housing a reference electrode. Firstly, a mask having an opening is placed above the display panel and the opening corresponds to the location of the cracks of the circuits on the display panel. The error estimation unit of the time-interleaved ADC system includes a counting unit, a subtractor and an integrator. Each imaging unit further includes a controller adapted to select a mapping table corresponding to the focal distance, and a mapping unit adapted to map the image into the particular coordinate system according to the selected mapping table.

1459827112-8dedd739-d18a-4cae-9394-8ec94d21a30f

An apparatus for generating copyright information for a secondarily processed content obtained by performing secondary processing on an original content, includes a secondary processed substance acquiring unit, a default license information generating unit, and a license information editing unit. The pipeline A-D conversion circuit is connected in series with an input terminal to which an analog signal to be converted is inputted and has a plurality of stages. The grounding metal member is located in the depressed section and includes a first

conduction portion. Each of the first and second printing sections represents a module detachable from the central control section and can be replaced with another module providing a printing section capable of accommodating printing on different type of paper.

1459827112-9a761acd-39f8-4d28-b376-4ca0b3a071d7

Disclosed is a strength-enhancing apparatus for a metal part comprising a recovery mechanism for sucking powder flow dust generated from glass beads crushed on a surface of a gear in a chamber to recover it together with drainage, wherein the recovery mechanism includes a liquid-spouting means arranged on a ceiling in the chamber, for effecting showering for the whole interior of the chamber. The apparatus is comprised of a clamping plate upon which is mounted a frame clamp and a frame deflector assembly. The thickness of the layer is determined using a plurality of measuring and evaluation steps in which the coil is acted upon with a first alternating current frequency  $f_1$  and a second alternating current frequency  $f_2$ , and its change in inductance is evaluated.

1459827112-bcf15bc3-f6dd-417d-8d96-1104a51c7951

In one embodiment is provided a polymer blend of poly and poly, wherein the poly is present in an amount ranging between about 20 wt % and about 80 wt %, and poly is present in an amount ranging between about 80 wt % and about 20 wt %, based on the total weight of the blend. The apparatus is adapted to uniquely identifying a user and includes an interface for electronically entering into a memory a chess move made by the user. Furthermore, alternating layers that consist of transparent fine particles each coated with a film composed of a film compound reactive with the first coupling reactive group and the reactive transparent fine particles may be bound and fixed thereonto. The elastic material constituting the second adhesive layer is arranged so that the elastic material is in a bonded state with respect to at least a part of the surface of the heat storage layer opposed to the cavity portion. A communications load of the network team is distributed between each one of the plurality of communication ports in accordance with its corresponding priority. These image features are compared using a tolerance based method to determine whether the symbol matches the template.

1459827112-bd60131c-3b68-4ad5-9bc1-cbca105630ea

A flash memory storage system has a plurality of flash memory devices comprising a plurality of flash memories, and a controller having an IO processing control unit for accessing a flash memory device specified by a designated access destination in an IO request received from an external device from among the plurality of flash memory devices. The bottom warp yarns are interwoven with the bottom weft yarns. A first high speed network is coupled to the sensor array and receives and communicates the image data. The housing arrangement encloses a plurality of accessible, watertight sub enclosures disposed within the left and the right half housings for safe containment of emergency gear therewithin, to provide floatation and safety to mariners even when the housing is removed from the motor. In one embodiment, an optical amplifier is provided using optical coatings at the facet ends of a waveguide formed of erbium-doped III-nitride semiconductor materials. The memory array has floating gate transistors disposed in a triple well structure with a raised drain bit line 13 substantially vertically aligned with a buried source bit line 14.

1459827113-013895f6-9482-442a-bf2f-855a05c01250

A technique is provided for automatically adjusting the volume, or magnitude, of an audio signal. One or more locked cells of a group of cells do not scroll out of view at least while a portion of the group of cells is viewable in a given display view. Preferably, the joint includes an interlayer of a ductile material, for example, a nickel, copper, silver or gold layer, which helps to relieve thermal stress between the frame and the central portion. subthreshold, linear, and saturation. The plug is fit in the first open end of the cylinder. The deenergizing

coil is included in series with the motor for bringing the relay switch element in a non-conductive position when a current through the deenergizing coil and the motor exceeds a threshold value.

1459827113-57bf56f0-e0d0-422c-b31a-dce7cb3ba087

An integrated infusion management system provides for stable support of components attached to the system, even when the system is mobile. The present invention is further directed to methods of forming multilayer circuits utilizing the above composition and the use of the composition in high frequency applications. The recess has a center point and may be employed for mounting and centering the blade on a slicing device. The water from the charged syringe piston discharges into the reaction vessel that has been filled with a preselected amount of reactants to initiate the carbonation reaction.

1459827113-60c3dc2f-efdb-428f-a96d-a25a8f7c1257

A phased array antenna includes a plurality of subarrays, and each subarray includes a panel, a plurality of primary antenna elements positioned on the panel, and at least one pair of sensor antenna elements positioned along a perimeter of the panel. It uses the axial section of the top wall of the main body to further press and limit the pressing member and enhance the engagement between the first teeth portion and the second teeth portion to prevent the second teeth portion from being damaged and increase its life time. The method involves hybridizing to the nucleic acid sequence of interest a first hybridizing nucleotide sequence and a second hybridizing nucleotide sequence, each comprising a sequence complementary, or complementary except at a position of interest or variable position, to a nucleic acid sequence of interest, and analyzing the whether some, all or none of the probes or tags hybridize.

1459827114-9b3d6565-7dc3-4b09-a33c-bb101989679d

Methods, apparatus, and computer-accessible storage media for shadowing data stored on a local store to a remote store provided by a service provider. The meter comprises a processing system for selecting one of the multiple types of power and defining the same as the selected type of power. The platen includes a second rib disposed between one first rib of the pair of first ribs and the contact portion with respect to the scanning direction, and an upper end of the second rib is located lower than the upper end of the one first rib of the pair of first ribs and higher than the lower end of the contact portion.

1459827114-b5a49293-d79d-4999-8119-339b9fab5b89

The present invention provides a correction system and method for a Successive Approximation AD Converter of the prior art. From the comparison source image, a plurality of partial regions are extracted. A mounting may be provided for mounting the switch using a fastener, a tie member or an adhesive member. Each predetermined harmonic response is associated with a severing of the sensor at a corresponding known location thereof so that a match between the actual harmonic response and one of the predetermined harmonic responses defines the known location of the severing that is associated therewith. Compound then reacts with an amine to form compound, which is optionally converted to its salts of formula. In order to ensure a variable film transfer in different printing units of the printing press, up to now the transfer film supply roller is moved with a film module into the region of the desired printing unit.

1459827114-d63d922f-a726-48dc-8ccc-1908071fff733

A method and communication system system) that uses adaptive antennas at the base stations to monitor metrics associated with the quality of one or more common physical channel timeslots, so as to determine whether to reuse some or all of the CPCH timeslots to transmit a dedicated physical channel. The instruction compressing apparatus includes a bundle code generating unit, an instruction compressing unit, and an instruction converting unit. The barrier is formed on the

support member after electrically connecting the circuitry of the dies to the contacts of the support member. The generated weight data is used to weight each of the antenna elements A-1\U2013A-4. An adhesive tape-like gasket is interposed between an outer periphery of the end plate and an inner surface of a sleeve so as to cover an outer end portion of the slit. The fruit firmness renders the fruit well amenable for handling, shipping, and storage.

1459827115-03291b94-d989-4fc7-b864-20c708686b45

A sensor wire system with an integrated power source and wireless transmission is provided. A driven-side outer gear and a driving-side outer gear of a planet gear are meshed with and are driven together with the driven-side inner gear and the driving-side inner gear, so that the planet gear changes a relative rotational phase between the driven-side rotatable body and the driving-side rotatable body. The decoding unit decodes a compressed video to generate video header, a motion vector, and a DCT coefficient for each frame. A plurality of mounting features are provided along a carrier engaging surface of the ring. The rim liner splines mate with the hub splines.

1459827115-7a2ebdf1-d81d-467d-a3de-fead310489bf

The present embodiments relate to a system and method of measuring the methylation level of DNA. The first end is adapted to engage and stabilize the connector. Each depression of the first mold cavity has a depth equal to a desired wall thickness of a corresponding portion of the club head.

1459827115-86f77323-d547-4d97-881b-5ced730d64de

A method to build, manage and analyze a gap analysis model in software of safety instrumented system architecture for a safety instrumented systems in a facility. These are suitable for stimulating chondrogenesis and/or producing cartilage regeneration. The generator includes a power supply terminal, a grounding terminal, and an internal output terminal. Advantageously, the auxiliary tray can have substantially the same structure as the first carrier unit, except it has no beverage-receiving holes.

1459827115-a903d537-01ab-4ad1-ac1e-021b9413eab4

A strictly increasing function is implemented to generate a plurality of unique creation stamps, each of the plurality of unique creation stamps increasing over time pursuant to the strictly increasing function. According to the invention, the pre-amplifier is operated such that its amplification during a rise phase within the amplification phase rises gradually and uniformly from the minimum value to a maximum value. The embodiments provide a way of allocating beacon slots, such that one of the beacon slots is synchronized to the alternating current line cycle and thus functions as a master timing sequence. A refrigerating part uses a refrigerant other than air in order to remove the heat generated from the power supply line. The FOFP block is used to transfer the visible light from the scintillating layer onto the image sensor array, which in turn converts the visible light into electrical video signals.

1459827115-e5f97af2-df84-4f66-a3fa-81a5e7715b8b

The present disclosure provides an electronic device having a USB interface and a method for starting USB communication with such an electronic device, so as to solve the problem of a risk of damaging a mobile phone terminal device arising from sharing of an interface by a charger and a USB communication cable in the related art. Parts to be riveted together are aligned with each other, and a rivet is placed into aligned holes. When the door is in a first position, the compartment is closed, and when the door is in a second position, the compartment is opened. The ring cases may be stacked in series, and may be clamped together by a tie-bolt case. An encapsulation material covers the first die and the first bond wires, while a gel material and a lid cover the sensor die and the sensor bond wires.

1459827116-11ce2be7-9ac9-414a-8da5-0586e2aba9c3

An apparatus including at least one LED mounted to a printed circuit board, a reflector including at least one heat stake, and a mounting plate comprising at least one aperture for receiving the at least one heat stake. The system can comprise tail-end portions of projectiles that add structure to a cartridge, provide for efficient combustion, allow projectiles to transition from a straight configuration in the cartridge to a splayed configuration in a chamber, and ensure complete evacuation of the chamber. Each EMI protection module includes two inductors respectively installed in the two wires of the respective two-wire channel and two capacitors connected in series between the two wires of the respective two-wire channel and grounded for filtering resonant waves in low frequency as well as high frequency to prevent electromagnetic interference and to enhance signal transmission stability. The metal layer may be a flat sheet, a lattice or a comb-like structure.

1459827116-336dcebd-bcba-4de4-8c75-b5d724d1a4c5

A system is provided that monitors at the wellsite injection of additives into formation fluids recovered through wellbores and controls the supply of such additives from remote locations. The comparator generates a PWM signal by comparing a reference signal and an amplified audio signal. The ion exchange agent attaches to surfaces of the corrugated cardboard which serves as a carrier to sanitize and deodorize a stall. Accordingly, flux leakage may be reduced and the bottom case may be secured to the top case.

1459827116-85f8d678-3610-458a-8ae5-ddbebd5b5094

A method for supporting the urethra of a patient to treat urinary incontinence includes introducing a surgical implant through an incision in an upper wall of the patient's vagina. Particles sputtered from the target are deposited on a deposition substrate separate from both the ion source and the sputter target. The housing component is of particularly compact design.

1459827116-8bd6e460-ad2f-4960-baa5-8e12e4bd63a2

A wireless communication circuit is disclosed including: a transceiver for transmitting and receiving signals; and a control circuit coupled with the transceiver for controlling a switching circuit to switch the transceiver to a first antenna set for a first time period and then to switch the transceiver to a second antenna set for a second time period in a test period. The characterization of requests for items of information is applied to select one of a plurality of communication channels for servicing the request. A press is coupled with respect to the housing. This stored data enables the cache controller to proceed to servicing other access requests while waiting for response from the external memory. In addition, the disclosed systems and methods may include receiving calendar data. The transmitted information is used in settlement of the sales amount.

1459827116-8e821768-7d6f-4754-8cb1-e034200c1295

A protective garment, such as a surgical gown, includes a front portion, a back portion, and sleeves. The method estimates the covariance matrix of the signals received by the antennas of the array and derives therefrom a direction of arrival. Further, the inflatable bladder has an instant release valve which, when pressed, will instantly release the pressure within the bladder. The measuring body includes at least one set of indicia linear measurement lines that allows a user to evaluate changes in dimensions of areas in the horse's hoof. An engaging piece which is movably disposed on the seat carrier or on the underframe, is provided with teeth devised for engagement with the sector gear and is disengaged from the sector gear as long as the vehicle seat is subjected to normal load.

1459827116-e343560d-b9de-41de-81e6-7dae253e9a63

A method for preparing a functionalized polymer, the method comprising providing a

reactive polymer, where the reactive polymer includes an oxygen anion, a sulfur anion, or a nitrogen anion, reacting the reactive polymer with carbon disulfide to form a polymer including a dithio carboxyl group, and reacting the polymer including the dithio carboxyl group with a blocking agent. A bilayer reactive barrier is formed on a titanium aluminide substrate. A pair of lead wires extending from the voice coil are passed between the yoke and the diaphragm, and led out of the frame.

1459827117-895115ee-d8f8-4345-8a97-8a20d498aefe

A signal interface includes a support structure having a pivotally supported cover and side wings. The first member and the second member constitute a housing of the compressor. The method can be implemented utilizing a reader including an RF transmitter and one or more acoustic receivers along with typically a substantial plurality of transponders each containing an RF receiver and an acoustic transmitter. Thus, the stator structure is located between the cover and the base.

1459827117-aa3f7546-f399-4c8e-a62a-2a9ebf274852

A turbine bucket dovetail secures buckets in a turbine rotor. The shutter section has a shutter blade that opens and closes an optical path of an image pickup optical system, an actuator that drives the shutter blade, and a case that accommodates the shutter blade and the actuator and that is provided with an opening for the optical path. Once inserted into the cradle, the adapter module makes electrical contact with the connector in the cradle with a matching connector on one side of the adapter module. Monitoring a sample for a target chemical and/or composition can be carried out with the sensor switch. 6 to 10 weight percent of the base film, has a median particle size from 1. The temperature measurement data transmitted from twelve temperature sensing units can be received by one receiving station.

1459827117-eda5ea5b-6775-4e3b-8e8e-9cda53486829

A tarpaulin for a quick and safe covering of a load on a truck or trailer bed is provided having a post positioned at each corner of the bed including a pulley mounted on top of each post at the front of the bed. A similar user is a user that has a correlation to another user based on their preferences and behaviors. A capacitor line low select signal VSL or a capacitor line non-select signal VSC having a higher electric potential than an electric potential of the capacitor line low select signal VSL is supplied to the storage capacitor line. A stabilizer operationally coupled to the bag so the stabilizer to stabilize the bag.

1459827118-20f38c3d-fdae-4146-aca2-97fe63c5baba

An inkjet printhead with an array of nozzles 26 and corresponding heaters 10 configured for heating printing fluid 20 to nucleate a vapor bubble 12 that ejects a drop 24 of the printing fluid through the nozzle. The invention also includes derivatives of these complexes including aptamers, and analytical methods and devices using same. The photosensors in the two rows may have different light collecting areas. This cavity is then filled with an environment-sensitive dielectric material to form a sensing capacitor between plates formed by the metal adhesion layers or an array of contacts from other metal layers of the CMOS structure.

1459827118-23d46bbe-6dcc-445c-9b92-5149774c7a40

Devices and methods provide for enabling a user to use a single user authentication device such as smart-card reader, such that the user is capable of securely interfacing with two or more isolated computers and enabling the user to authenticate and remain authenticated at multiple computers at the same time. The method records user preference information, prestored in the optical disc player, which is associated with a first recording medium, onto a second recording medium, when copying data recorded on the first recording medium, such as a DVD-ROM, onto the second recording medium such as a DVD-RW. Each buffer on the chip is configured

to buffer the header of the packets in a preselected order before execution in the processor, and the remainder of the packet is stored in an external buffer apart from the chip. An interlayer dielectric layer is formed on the substrate where the contact pads are formed and is then partially etched to form contact holes exposing the contact pads. The prohibiting device prohibits the volume level from being adjusted under the state that the movable member is located in the prohibition range. After a difference between the partial pressure of the impurity gas in the anode and the partial pressure of the impurity gas in the cathode becomes less than a predetermined value, the restriction of the output of the fuel cell is lifted, and the output of the fuel cell is controlled according to the requested output.

1459827118-49f902a5-1111-429c-b2dc-3621242791d7

A non-volatile semiconductor memory EEPROM is usually deteriorated depending on the number of times of program and erase operations and application years thereof. In one embodiment, a method includes but is not limited to monitoring for a presence of a first general conference controller having top provider status, and promoting at least a second general conference controller one level in status hierarchy in response to the monitoring indicating that the first general conference controller is no longer viable. A hooking head slides along the elongated member.

1459827118-5fd20002-a157-47f5-8726-7c91bf08ea9b

A mud flap mounting system for connection to a mud flap mounting bracket of a vehicle that allows release and reinstallation of mud flap when it is pinched between a rotating tire and an obstruction. The vise has a threaded rod, a fixed jaw, and a movable jaw as is known in the art. The source code of to user-selected language is stored in objects of the existing application and, if the language is a compiler language, the compiled code and the compiler itself are stored.

1459827118-fc00994d-8989-4e5e-94bd-48b0175a115e

A method of inputting an electronic address into an address field on a communications device, the electronic address including a plurality of text characters and non-text symbol characters. The main body surrounds the edge of the solar cell. The flows, initiated by a central processing unit, may proceed independently and substantially at their own pace. In addition, the invention relates to a device for remote control of a vibrator, comprising a vibrator, which is provided with a Bluetooth interface, and a second Bluetooth apparatus, wherein the second Bluetooth apparatus is provided for generating remote control signals and/or remote programming signals for the vibrator.

1459827119-274ac65f-8116-4bfd-89b4-2ae683e29585

A method and apparatus for red blood collection and filtration is provided wherein a red blood cell collection assembly provides for leukoreduction filtration concurrent with or soon after the red blood cell separation and collection procedure. A system pushbutton is coupled with a motor control. The operator arm may define a gear. The card authenticates the message by means of the allocation algorithm as a function of the allocation key and the allocation signature, and determines the final authentication key as a function of the intermediate key and the random number.

1459827119-67db20bf-7fd5-41c9-a385-ff40c4143aab

The system and method for detecting disconnection and occlusion of a tubing system of a patient ventilator detects disconnection of the tubing system, opens the exhalation valve, delivers an idle flow of breathing gas to the tubing system, disables breath triggering, and generates an alarm. The composition dries rapidly, permits further texturing before it dries if desired, is esthetically superior to faux finish top coats made by methods in the prior art, and when dry provides a top coat that is mechanically tough. The inventive method may be modified to include an additional process of weighing the equipment before lowering the equipment by measuring the amount of force required to hold the equipment in an elevated

position. The electronic document and the signature document together comprise a signed electronic document.

1459827119-8849d24b-eec2-4559-9d8d-0887730c76c2

A device driver for an image capturing device. After that, the slurry after sieving is dried by means of the spray drying to obtain dry powders, and the batch for forming is obtained by using the dry powders. The frame buffer may be implemented within the array controller and may be configured to perform a first data integrity check to determine a first type of data error and a second data integrity check to determine a second type of data error. The rotor blade or bolt-and-washer distribution provides locations for placement of the rotor blades or bolts-and-washers so as to offset the centerline deviations and thus correct imbalance of the rotor assembly. A limit member and a turning wheel are embedded on the internal rail and the bottom rail opposite to the latch member. Below the bubble support platform is at least one light source.

1459827119-95d607ee-8de2-483a-a9ca-8ef47391a088

Optimization of the usage of radio resources in mobile telecommunication systems, particularly during the call set up stage, is accomplished by using a bearer allocation method, which allows late allocation of resources without increasing the risk of not obtaining the desired resources. A set of predetermined playing cards is used to determine values that determine the outcome of bets. The system then looks for groups of these likely fraudsters who are interconnected. The pin base is mounted in the chamber and corresponds to HDMI and Displayport plugs.

1459827120-4d83d156-8023-45db-8f61-d46372e9a153

An orthopedic retaining system comprising at least one bone screw which has a head part and a threaded shaft pivotally mounted thereon is disclosed. The energy object includes an identifier associated with an energy resource that is associated with a manufacturing automation application and an energy type associated with the energy resource. The motor rotates the motor driven shaft which drives translational movement of the screw block which drives rotatable movement of the valve driving linkage arm which drives translational movement of the valve stem.

1459827120-f7c1dbac-c807-40c9-a4a2-e87323f3687f

A tuning element tunes an optical component by adjusting the length of an optical fiber used within the optical component. The blade has an elastic body and a leading edge which contacts the surface of the photoreceptor downstream from the cleaning roller. The non-slip surface exposed surfaces having an increased coefficient of friction to inhibit the movement of items present on the non-slip surface. In one embodiment the sensor may be arrayed to achieve larger area coverage. The first connecting tab is electrically connected with the threaded hole via a screw. In this disclosure a layer-2 hand-off mechanism for cellular systems designed to operate in unlicensed spectrum is described.

1459827121-26fdde9d-625e-488a-9daa-28b97c648a97

A feminine hygiene pad has a wider absorbent forward pad portion and a relatively narrow rear portion. In particular, the feeding unit includes a feeding member that is adapted for moving frozen block for a desired predetermined grinding stroke against grinding unit such that a grinding length of block is ground. A central conical bearing may be provided, having a fluid dynamic bearing around its conical surface, and being connected to an axially parallel but radially displaced axially oriented journal style bearing.  $0:Mg2u2212nnu2003u2003$  where  $n$  is a numerical value satisfying  $0 \leq n \leq 0$ . And, select locations in the document and, using the toolbar, add commentary and scores to the document. Also included are methods of making and using these co-stimulatory polypeptides.

1459827121-2c5f6dcd-87bc-4861-a837-9dfa686aaa96

A system for protecting an internal combustion engine employing cooled recirculated



exhaust gas from excessive condensation includes an auxiliary emission control device operable to determine when engine operating conditions correspond to a condensing condition resulting in condensation of water at the outlet of the EGR cooler and/or within the intake manifold or intake conduit of the engine. In particular, the systems and methods for providing remote access to interactive media guidance applications provided herein generally relate to enhancing remote access capabilities by providing algorithms and techniques for managing and correcting disparities that may be found between program listings data used by the interactive media guidance application and the remote access server. Responsive to the first network interface card determining that a first threshold has been met indicating that an overload condition is imminent in the first network interface card, the first network interface card sends a resume signal to a second network interface card in the set of network interface cards.

1459827121-2d832c1c-2c3f-4a10-98d7-3c1107ce024d

An oil film bearing is seated on the tapered neck of a rolling mill roll by a hydraulically actuated piston/cylinder unit. Disclosed features and specifications may be variously controlled, adapted or otherwise optionally modified to improve release and/or re-establishment of a vacuum seal for any application or operating environment. The second pulley can be rotated in a second direction of rotation, starting from the second reference position. The second interface controller is configurable to function as a host or a device. Further, the motor has a rotor rotating centering around the shaft and having rotor magnets made up of permanent magnets disposed in a confronting relationship with salient poles of the stator magnetic poles.

1459827121-c4deab0f-d992-4d2c-a134-587a94900e01

A sensor apparatus has a coil for receiving an electromagnetic wave energy applied from outside, a power supply section for generating an internal power supply from the electromagnetic wave energy, and a sensing circuit having a sensor device mounted thereon. A liquid pressure in the pressure chamber is configured to be changed to discharge liquid from the nozzle. The pressure sensitive adhesive layer can be a permanently grown pressure sensitive adhesive that has an adhesion force to the breast forms that is greater than a cohesion force to the user's breasts. The collimator lens arranges the entrance pupil of the reduction projection optical system at a finite position from the image plane on the downstream side of the image plane of the reduction projection optical system. The driven shaft is provided at an upper end with a surface aerator and at a lower end with a horizontal impeller. The method then includes filling the passage with a conductive material.

1459827122-80129622-d6f1-4969-a5e5-8e858e6baea6

A pad area and a method of fabricating the same, wherein the pad area is formed on a substrate to contact a chip on glass or a chip on flexible printed circuit with the substrate. The antenna aperture is designed to withstand hydrostatic pressure cycles as would be experienced by a submarine. The invention may rotate in a positive or inverse direction to meet different requirements without loosening off.

1459827122-9673091e-e602-47cb-b9ef-d8121d8eadcc

An article attachment system for a vehicle includes an elongated rail attached to the interior of the vehicle. The exhaust valve is completely independent of the bolt movement. This process provides a veil with a very high tensile strength for low proportions of binder.

1459827122-b8cf6bb5-6895-484a-a20d-49abcbfe2d14

Software for dynamically previewing changes to hardware driver settings for a graphics adapter is disclosed. An exemplary method for fabricating an integrated circuit includes forming a channel region and a body contact overlying and/or in an SOI substrate. The null subspace is similar to the channel subspace except that the

null subspace information directs a base station to the matrix in a predefined codebook that results in minimum power being received at the node. The electrical connection system further includes a plurality of inductive traces mounted on the circuit board, each of which is connected to a respective contact pad, and is associated with a compensating series inductance.

1459827122-e6bf9127-cc1a-4b79-81da-52a6e0768945

A toner conveying device includes a pipe body having an inside diameter thereof that is modified in a pipe-axis direction and a screw member coaxially located in the pipe body for feeding the toner. The ionic bonds can be produced by introducing cationic or anionic groups into the cyclodextrins, and where appropriate, by introducing oppositely charged groups in the carrier material. In some embodiments, the membrane contains trace amounts of carbon, silicon, and/or oxygen. The magnification of the condenser is chosen so the image of the source is essentially the same size as the pixelated panel. The compartments may be of different shapes and sizes and may include electrical circuitry to modulate the voltage and current from the vehicular electrical system.

1459827123-07b82d8f-ccee-4245-9b0d-710eacc54ff7

A communication system for propagating time division multiplexing fault notifications has a first interworking function of a packet network and a second IWF of the packet network. The MEMS switch includes a substrate having an electrical contact and a hexsil beam coupled to the substrate in order to transfer electric signals between the beam and the contact when an actuating voltage is applied to the switch. The system also includes a control input device having a plurality of selectable controls to select the mirror assembly, the first mirror, the second mirror, and/or the heating element.

1459827123-289f9813-ae16-4ef2-8f01-783b39121e15

A method of loading cutting tool inserts in a PVD coating equipment consists in using a tube manufactured of a non-magnetic metallic material surrounding a stack of alternating discs of a magnetic material and iron. It employs a combination of electronically controlled process steps and specific systems configurations to duplicate the effects of moving resin beds from one operating position to another as is required in moving bed ion exchange water purification systems. The impedance of the wired connection is changed based on data to be provided by the slave modem. As a result, deflection electrodes can have an angle of  $120^\circ$  to minimize aberrations and simultaneously achieve vertical incidence of the electron beam on a target to avoid distortions or changes in magnification with height variations of the target or focus variations. The barrel portion 157a of the busbar 157 is welded to the sealing plate 41, and the length of the projecting part 257b is minimized. The portion 14 is held in a portion indexing area, or corral 20 on an upper surface 22 of the scale 10.

1459827123-9286af97-898b-4a90-9434-97d80d3e3b49

A measurement technique that provides a full solution to the gated local oscillator sweep measurement and improves the accuracy of signal analyzers in gated sweep mode by pre-sweeping the local oscillator at the beginning of a gate pulse and over-sweeping the local oscillator at the end of each gate pulse. The assist roller receives and guides media through a gap between the assist roller and the optical window. Such low latency applications may include voice over IP, video, interactive whiteboard, or video teleconferencing. The stiffeners and the liner panel are preferably made of steel and the stiffeners are welded to the liner panel. The use of thin conformal low dielectric constant insulating layers ensures a low parasitic gate capacitance, and reduces the risk of shorting gate and source metallurgy when source-to-gate spacings are reduced to smaller dimensions.

1459827123-ceed279b-7675-4b09-abe7-055e417ee1ae

Provided herein is a biocompatible implant for meniscus tissue engineering. The

present invention can provide a semiconductor device in which a reduced number of sector select circuits is used so that the area of memory cell array can be reduced and provide a method of controlling the semiconductor device. At least one bond pad is positioned on an active surface of the die, and a gold bump is provided on the bond pad; furthermore, a ball bond can be positioned upon the gold bump.

1459827123-efd1aa6f-b265-4979-8934-16bdb65654ed

The method executes the application and if there are no errors from the execution of the application, the method ends. The imaging device can be used as part of a catheter, and can include a lens, an SSID including an imaging array optically coupled to the lens; an umbilical including a conductive line; and an adaptor configured to support the lens and provide electrical communication between the SSID and conductive line. Repositioning of the drivepositioning wheel assemblies is controlled by a computer numerical control controller, based on information describing one or more radiuses of curvature for sections of the mandrel and a current position of the mandrel relative to the drivepositioning wheel assemblies. The first end portion is transparent to light.

1459827124-091ea098-1854-4bc5-ba92-b9d5a21e7edc

The present invention relates to device for driving liquid crystal display and method for driving the same. The method provides for a lower complexity in parameter configuration and greater ease of configuration over a wide range of network conditions. A first partial structure can be expanded at least in the radial direction and has at least one radial-expansion component. The elastic device is preferably hollow and controllably expandable and contractible by injecting and removing a fluid through a conduit system with a selectively switchable valve device. The undergarments are configured with standard leg openings.

1459827124-1c19c3d1-7180-47c6-8fe7-f51e0f5f34a7

A dual-wheel remotely controlled skateboard with two independently-controlled detachably attachable wheels is described. Based on output signals from the first light receiving element and the second light receiving element, a focus error signal FE1 and a focus error signal FE2 are prepared respectively. Moreover, a field component further enables a caller to identify characteristics of the voice mail. The has a lower surface contacting the convex surface of the movable contact, an upper surface opposite to the lower surface, and an outer edge held between the upper case and the lower case while being compressed. After fueling is complete, the fuel purchasing account is debited by the amount of the fuel purchase.

1459827124-29f48121-b6ef-46a8-8770-9983b6afd89a

The present document relates to a method and system for dimming low power illumination devices, such as LED assemblies. The load forecasting application may include a database for storing information and a report module for generating energy usage load forecast profiles. The rear half of the fuel tank has a tapered shape toward rearward as viewed from the side.

1459827124-59d42ac9-bab6-48a4-88a4-a52674ee62ff

High fence supports can be expensive, difficult to ship, and awkward to install. An outer surface of the first vertical wall portion is an inclined surface that is inclined to the second vertical wall portion, and one of an outer surface of the first vertical wall portion and an inner surface of the second vertical wall portion includes a protrusion portion that protrudes toward the other. The microelectric package may further include a metallization seed layer on at least a portion of the stress relief layer and a conductor on at least a portion of the metallization seed layer.

1459827124-9d55d68f-22f1-4e25-a32f-19ead715610e

The invention concerns granules consisting of lactose and starch having a

friability of less than or equal to 80%, preferably to 60%, according to a test A. The fingers of each grab are vertically offset from one another. The value indicative of the precedence information could include a priority and/or a virtual LAN identifier.

1459827124-d6a4b4e7-b252-4fa5-89f4-670cac062535

The present disclosure describes a method and apparatus for network traffic processing in a non-uniform memory access architecture system. The circuit is classified based on its topology and measured circuit parameters. The magnetic activated carbon may be used to remove contaminants such as mercury from fluid streams including flue gases from a combustion plant. The apparatus includes a supply part for supplying the molten metal, a nozzle provided below the supply part, a tubular member provided between the supply part and the nozzle. The IS-OFDM transmitted signal is at a data rate that is equal to the data rate of the input data stream via the use of PS converters. The elongate section may be configured to be inserted into a body cavity.

1459827125-9bc626ff-68fa-4e52-bcac-e05041e46ecd

The handcuff assembly includes a bow pivotally connected to a cheek plate frame assembly which includes a unitized frame that is die stamped from a metal plate and which is overmolded with a polymer overmold. A tool comprising the body and a tool head is a hammer action tool. The bond directly resulting from the coupling reaction can be optionally modified by a further reaction to the aforementioned covalent bond. Embodiments may also include determining whether the process rule is satisfied based on the current status of the process and using the determined evaluation method. The optical recycling device spatially recycles a portion of rays of light emitted by the LED back to the light source using a reflector or mirror and/or angularly recycles high angle rays of light and transmits small angle rays of light, thereby increasing the brightness of the light source's output.

1459827125-b6bc17d8-8556-4272-9382-ce3d78ac9963

A digital television transmitter and a method of coding main and enhanced data in the digital television transmitter are disclosed. The provided operation-state data is input into the remote supervisory unit through the communication apparatus as well as the identical operation-state data is displayed at the data display unit at the uninterruptible power supply unit. Then, a back reaming tool is connected to the end of the boring tool, and the pipe is connected to the reaming tool, such that the reaming tool reams the pilot hole to a larger diameter ahead of the pipe, which is pulled through the hole with the reaming tool.

1459827125-d48852eb-ab33-4d44-893f-0a7b83a1bc0f

An exemplary method of facilitating communication includes determining a position of a portable communication device that generates a video output. The optimum AP location is selected on the basis of the location-to-signal strength correlations. The planarization material is selected to exhibit a material removal rate approximating the removal rate of the wafer material for a given removal technique such as etching, mechanical abrasion or chemical-mechanical planarization. The holder includes a peripheral holder wall. Alternatively, by intensity-modulating the first signal containing the distortions by a combined signal of the correction signal and the second signal, the distortions of the first signal against the second signal can be cancelled out. The rotor comprises a first pole core 12, a second pole core 14, a field coil 13, and holders 15 each containing a magnet 16 and disposed between a first claw 123 and a second claw 143.

1459827126-2a9a46f1-c4af-40f6-9adf-25c5cc390df0

Retrofit connectors that secure together the outside sheathing and underlying structural members of wood-frame or masonry houses, preventing damage when subjected to lateral stresses from a hurricane, or transverse loads from an earthquake. The method comprises: receiving a logged measurement setting; logging

an MDT measurement and a measurement result on the basis of the logged measurement setting; and reporting the whole or a part of the logged measurement result to a network. The first location corresponds to a respective map object. The data storage system maintains a data log that may be activated when the destination volume is inaccessible due to, for example, a malfunction in the destination storage system or in the communication link between the source system and the destination system. A branch based on the error signal can restart a section of the test program, but it is likely only a template needing further test algorithm control information that varies dynamically as the test program executes.

1459827126-341ef706-34eb-4e82-a6ec-761b275f5ba4

A base station for controlling transmission power during the establishment of a communication channel utilizes the reception of a short code during initial power ramp-up. Each of the challenge-reply sets includes at least a challenge-reply pair for use in off-line authentication of the user for a particular resource available through the recipient unit. Upon receiving a request for a connection, the ISP extracts the caller-ID included in the request to connect, finds the corresponding user identification and password stored in the caller-ID map and retrieves the number of new messages in the caller's mailbox.

1459827126-48890b2d-5e21-4e2d-9a14-58c0b193f120

An MB810 encoder and/or decoder, dual mode encoder and/or decoder, and a method for generating MB810 codes are provided. A tray is arranged horizontally between the guides, and is progressively lifted to approach to the cylindrical surface of the roller. Trophies are awarded in recognition of the top rated vehicles and manufacturers in regard to environmental sensitivity. The tube may also include a variable outer diameter. The vertical fabrication of the radiation sensor allows for sensor arrays with a good fill factor, permitting the creation of sensor arrays with high resolution while maintaining low costs.

1459827126-51e03888-f743-47a9-97c5-9c5ed4da99b8

A module for a tape head assembly includes a first substrate having active elements and a second substrate having active elements. For the adjustment of characteristic damper values, the flow of a damper fluid can be controlled via control mechanism disposed inside the damper cylinder, which controls the flow of the damper fluid in a first flow direction using a first adjusting element and in a second flow direction using a second adjusting element. The insertion member has an insertion end, a fixed end connected with the bottom side, two lateral sides, and two abutment surfaces connected with the two lateral sides. The device then obtains and prints the at least one job associated with the user identification code from the print queue. The process may comprise the steps of introducing a metal-based catalyst into a hydrocarbon-containing zone in said reservoir, raising the temperature in said zone to a temperature at which catalyzed conversion of hydrocarbon to hydrogen occurs, and, optionally but preferably, recovering hydrogen from an extraction section of a production well located above said zone. These include, in some embodiments, generating a first data set based on input data obtained of a physical reference structure having a defined fixed relation to a bone structure of said subject and generating a second data set based on input data obtained of a master structure for a surgical template, where the master structure has a defined relation to said physical reference structure.

1459827127-407b523b-d27a-4f48-bb4a-4cf07188634c

A method for exchanging coins, the method including the acts of receiving in a self-service coin exchange machine a plurality of coins, processing the plurality of coins to determine a total value of the plurality of coins, and dispensing currency to the patron from a currency dispenser, the currency having a value related to the total value. A server as a map display device of the present invention has a control section. A pair of gate spacers are formed on sidewalls of the gate structure by accumulation of the deposited dielectric material from the

angled directional ion beams and without use of an anisotropic etch, while the sidewalls of the semiconductor fins parallel to the directional ion beams remain physically exposed. A first sidewall makes an angle with respect to the plane of the surface of greater than about 0° and less than 90° and a second sidewall makes an angle with respect to the plane of the surface of greater than 0° and less than about 90°. The second end of the connector is configured to be inserted in the port other aperture and attached to the moveable element without disassembly of the external device. An oxide layer underlying the organic film layer is substantially undamaged after contact with the etchant.

1459827127-541a1e57-8a88-4fd2-a2b5-fba6e67b4f99

A cable pair shifting system for shifting a cable pair from an old cable pair location to a new cable pair location includes a quick shift jack panel. The endpoint is interfaced to a utility meter and the fixed or mobile reader is capable of communicating with the endpoint via RF communication. The helical antenna is impedance-matched by a matching circuit in a range of the order from 470 MHz to 700 MHz which is the television broadcast frequency. A positive voltage is also applied to a third bit line that is adjacent to the second bit line and removed from the bit line associated with the selected bit by the second bit line. A shield may at least substantially surround a top and the other three sides of the housing. The system may include: a crankshaft sprocket; a camshaft sprocket controlling exhaust or intake timing of the engine; a timing chain operably connecting the crankshaft and camshaft sprockets; a chain guide for the timing chain; a chain tensioner pushing the chain guide inward; and an oil supply unit for the chain tensioner.

1459827127-bc9db668-fd46-4933-850a-98143d943a05

A distributed multiresolution modeling system has a database management system on a first server. The sealed power connection may be used with an electric machine or any device that may require electrical and/or mechanical connection for power. The system may determine the associations through implementation of a posture search timer and a posture stability timer. The leadframe can be either the type having die pad or the type having no die pad. The resistive element can be a set of parallel resistors in the transceiver, with the set of parallel resistors being specifically selected from a larger population of resistors to provide the specified resistance in the USB transceiver. The first space and the second space are separated by a ceiling that permits thermal energy to pass between the first space and the second space.

1459827127-c1d29a1d-15f6-444b-bd30-e86364c12cb3

The present invention relates to an electronic device, which can be triggered by the proximity of bioelectric fields, or by the motion of charges and ions. Specifically, memory chips are coupled to a preformed packages which have alignment features to allow for the stacking of the ball grid arrays. The group IV substrate contains a p-n junction whose change of characteristics during epitaxial growth of As-containing layers is minimized by the AIs nucleating layer. This increase in exchange removes those materials and conditions whose presence causes ophthalmological and retinal damage.

1459827127-c8e337ad-0970-400f-8ad1-7faff255ee9c

A patient lifting device designed to impart a vertical and corresponding horizontal force component upon a load, namely an ill or incapacitated person in a bed. The body has side flanges with longitudinal grooves for receiving coupler lateral flanges and a transverse strap joined to the side flanges to retain the body on the coupler and prevent removal of the bumper when the coupler is attached to the ball-type hitch. The cover may be manually shifted to the remote knotter access position through an arc of at least 45°.

1459827128-12eeaeec-f41b-4c6b-8ff7-25878c776bdf

The present invention is a dark field illumination system including a light source

which is fixed on an entrance slit of a condenser and an objective aligned with the condenser such that the objective and the condenser are adjusted to find a focus spot on a sample. The collet has a plurality of pawl structures with a plurality of elastic slots formed thereon. The controller is operative to detect a light adjusting trigger event, select a random delay time, and adjust the light, wherein the light adjustment occurs the random delay time after detecting the light adjusting trigger event. The body member has a plurality of ventilating bores extending through the body member. In a first position, the projection may extend substantially perpendicularly away from the first edge towards the second edge so that a free end of the projection is positioned proximate the second edge.

1459827128-1abb6719-d852-4597-8e32-5f7ea81d3839

A cavitation cleaning system and method for using the same to remove particulate contamination from a substrate including providing at least one substrate immersed in a cleaning solution said cleaning solution contained in a cleaning solution container. The PMD of an optical fiber is measured over a first optical spectrum. A pulley is coupled to one limb and a cam is coupled to the other at a first journal point and second journal point respectively. Between node N1 and the ground, a switch SW4 is connected. A brake plate control assembly is connected to the brake plate. Half sample interpolation filtering and delay can be performed, and the results can be combined in a quarter-rate upconverter.

1459827128-50f6a690-0f13-4958-9a98-f957601d4c41

A data processing system and method are disclosed for simulating a hardware fault occurring on an expansion card coupled to the system utilizing a bus. The radiation attenuation system may be positioned over, under, near, or otherwise about the article. Optionally, air is also included within porosities in the via level dielectric. The method may further include receiving, in the software design tool, one or more bindings between software and hardware, wherein the one or more bindings form a set of bindings, and storing the set of bindings for use in one or more software designs.

1459827128-6d382245-76cd-40e1-aa76-03eef01d64a6

Cracks are conventionally difficult to clean which often leads to damage to other regions of the component for cleaning. Exemplary methods assign servers to clients in wireless and wireline networks based on server load. Generally, a plurality of blades rotate within a duct and some noise propagates forwards of the blade assembly.

1459827128-cd9d8e64-a2a9-49b6-802a-b69f49c7c603

A polarization-combining fused-fiber optical coupler is made of polarization maintaining fibers spliced to non-birefringent single mode fibers which are fused and drawn near the splicing to form a coupler with an adiabatic tapered profile. The bottom hole assembly moves upward in the casing string in response to an upward force due to the different densities of fluid in the casing string and in the annulus. The aftertreatment module may also have a second chamber with at least one outlet in general alignment with the flow direction through the inlet. These methods have been successfully used to produce high quality coatings and defect free composite membranes, which are independent of chemical composition and physical structure of said support. The signature is verified before the introduction of the test data word by an appropriate detection circuit.

1459827129-13847f53-55f8-4963-bad2-fa6ff54928d6

A midsole structure of a sole assembly for a shoe improves a ride feeling and stability of the midfoot portion of the sole assembly during running. Based on a location of a defect in the image reading section or in the density reference member, the image processing section determines whether or not to at least partially restrict either a read range of the image reading section when the image reading section reads an original document or usage of a result obtained by reading

the original document by the image reading section. An estimated web position is provided by one or more encoder signals.

1459827129-69d9c71b-3299-43b9-b7e0-1a9363dfa615

A firearm suppressor is provided. The phosphor-converted single-color LED includes a long-wavelength pass filter having a special construction. The driver may transmit the outbound packet to a client application, responsive to the filtering table. The information handling system further includes a plurality of local network address resolution mediators, with each local network address resolution mediator running on one of the plurality of servers and receiving packets from VMs running thereon, and a global network address resolution mediator running on one of the plurality of core devices.

1459827129-b089180c-be91-4ea9-9cf4-bd04c4b8db84

A sheath for organizing soft tissue includes a first tube having a flexible body sized and shaped to receive a fixation device, and a second tube coupled to the first tube having a flexible body sized and shaped to receive a soft tissue graft. In the image forming apparatus, the image forming apparatus starts to form a latent image by the exposing device based on the detection of the sheet by the sheet detecting device. A shank assembly is slidably disposed through the body. Before assembly, an upper surface of the metalized layer forms a well.

1459827129-d3fa3d2d-4699-42e4-9ef2-15f020128bad

A system and method for operating a server on a communication network. The contact pad supporting structure includes an underlying first conductive plate and an overlying second conductive plate, wherein the first and second conductive plates are separated by a first dielectric layer. The transmitting node is periodically placed in a forced idle state, thereby being prevented from transmitting data packets, but being able to receive and respond to data packets from other nodes.

1459827129-edc98154-be58-445a-a598-1fdd16745df7

An input shaft with plural drive gears and an output shaft with plural driven gears engaging the drive gears forms transmission gear trains. The device comprises a substrate having a trench therein. The names are of solutions, technologies, products, services and activities, or any other information associated with the entity.

1459827130-25366d5d-5a15-4b07-be6b-a18975b75fd3

Stoneley-wave data acquired in the LWD environment are used to characterize estimate formation permeability. The chips are formed by sheeting into an initial flat shape. The operational amplifier operates in a closed-loop configuration to draw current through a common mode bias resistor in the first differential drive circuit in order to force the common mode voltage of the second differential drive circuit to a desired value determined by the reference voltage. A plurality of output amplifiers are connected in parallel to one of the signal outputs each of the individual image cell columns and amplify the signal charge carriers. The extinguishing devices may be stacked upon the wick to provide for multiple successive extinguishments and relightings.

1459827130-295a991b-57ce-4365-9ae7-8116c758db3b

A system and method for sharing digital images over a network, such as the Internet, wherein the first person desires to send images from a first computer to a second person having a second computer that includes a standard email program. A first steering wheel segment is spaced from and rotatably fixed to the hub. Once the electrodes have been inserted into the slots a thermoset resin is poured into the housing and cured. The gastrointestinal device includes an anchor for anchoring the device to the stomach and a flexible sleeve to limit absorption of nutrients in the duodenum. The device further comprises an expandable member formed helically about the elongated shaft. In the closed position, the outer surface of the dive



door is matches the profile of the gunwale, providing a sleek integrated look.

1459827130-a032bbc1-091c-4c34-909a-fe9d359251ff

An orthopaedic prosthesis includes a tibial bearing, a femoral component, and a hinge post coupled to the tibial bearing and the femoral component. The light emitting device includes a plurality of pixels and a scan driving circuit. These preforms form a stress-induced birefringent optical core when drawn to fiber.

1459827131-00ba5429-6e3d-4683-a0c9-01f402a26ffb

A method for machining components which do not contain magnetic material is provided. A central authority having a central authority private key K<sub>sca</sub> assigns a customer account to the customer and a merchant account to the merchant. To load the porous surface with a biologically active agent or drug, an electrophoresis method is employed. In yet another embodiment, capture phases for LBIST testing may be made to be asynchronous within each capture phase, such that data capture for one LBIST partition may be timed different from other capture phases for other LBIST partitions. An assurance tool of migration strategies is provided for tracking changes and avoiding conflicts between the enhancement and the model and production software systems. The programmable logic device receives temperature data from the temperature sensing array and structure-borne noise data from the vibration sensing array.

1459827131-1086ce90-a06f-469e-a5be-1d8ef2926262

Isopipes for use in making sheet glass by a fusion process are provided which exhibit reduced sag. The processing apparatus has a screen memory for the display device and a processing unit for outputting image data of the specific window of the screen memory to an external monitor. Indirect addressing instructions also provide a higher-level abstraction of memory accesses, and are likely to be more indicative of relationships among data items, as compared to the absolute address of the data items. Once the information has been returned, the information is unblinded, leaving an encrypted or decrypted message respectively. The apparatus includes a tubing locating surface for mounting the tubing and sealing means cooperatively associated with the tubing locating surface. The characteristic of the specific path traversed by the logical LSP can thus be determined by when, how, and if the specialized DTU is received by the destination node.

1459827131-681c6d43-aff7-42dc-a294-074fea13e2c2

According to one embodiment, an integrated patch antenna may comprise a radome layer, having an outside surface and an inside surface, and a radiating layer. The invention proposes to form the expansible anchor with a locking connection which locks the expander body on the expansible anchor in a position in which the expander body is drawn in between the expansion tongues and holds the expansion tongues in a spread-open position. A magnitude difference between the third echo and the first echo is measured and correlated to a temperature shift for fat tissue, and a phase difference between the fourth echo and the second echo is measured and correlated to a temperature shift for water-based tissue. The method computes the normalization array through several steps which evaluate the geometric profile, the axial profile, and the correction factor. Based on the candidate score of each identified candidate, the facility selects a number of the identified candidates for display. The invention provides a lens that makes use of the differences in the index of refraction of ZnSe and ZnS in the mm-wave and IR wavebands to minimize the differences in focal position between the two wavebands.

1459827131-6eb9326e-d860-4a3e-892c-ee20109e7662

A method for controlling speakers in a mobile station comprises detecting a movement of the mobile station. The input of the control device is arranged to input a predefined number of samples per one cycle; and the computing device is arranged to compute the parameter with a discrete Fourier transform algorithm optimized based on fixed coefficients related to the predefined number of samples

per cycle. The first wiring layer extends in a first direction and generates a magnetic field for recording data in the magnetoresistive element.

1459827131-7a6849ae-9435-4e1f-8f0f-70535be22f16

A control apparatus simultaneously controls flow rates of a first fluid and a second fluid. An immobilizer CPU is installed in a vehicle to receive commands from the RF breathalyzer and to control a horn and lights of a vehicle, to immobilize the engine, and is connected to a GPS antenna driver through a mobile phone pager unit to communicate with a monitoring station. An opaque can be applied to the exterior surface of the abutment. Together with the utilization of Peak, Average or Quasi-Peak method of measurement, the dynamic modulator can reduce the spectral amplitude of EMI components, in particular the lower harmonics, to effectively pass regulatory requirements. The threshold corresponds to the number of remaining bags or the number of bags removed depending upon the direction of the counting.

1459827132-177b294b-1e72-49c4-be71-0ae7f445bd2e

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for enhancing selecting relevant and diverse advertisements. The method and apparatus include a wash station that washes the engine component after being machined, and a buffer that heats the engine component to a first temperature. 06 and secured on a surface facing the cavity, the volume S2 of the noise damper is in a range of from 0. The position of each data block in the data packet identifies the remote station to which the data block is directed. The keys may be compared at the program guide to determine which program listings correspond to which items of real-time data.

1459827132-684bda0a-89c4-41de-8793-cd6d319260b0

A new and distinct cultivar of Physocarpus plant named \u2018Mindia\u2019, characterized by its upright, mounding and compact plant habit; freely branching growth habit; copper-colored leaves with deep lobes and serration; and resistance to Powdery Mildew. The installer initializes a provisioning event of an application on a computing device, presents an application configuration option for the application, receives a decision corresponding to the application configuration option, provisions the application based upon the decision, and updates an answer file with the decision. The method includes the following steps. The ethylene portion of the copolymer provides for adhesion to the polymer of the first layer, whereas the acrylate portion of the copolymer provides for adhesion to commonly utilized bone cements. Ideally, the second lifting mechanism is mounted on a portion of the first lifting mechanism that is relatively free from relative movement with respect to the transfer cask during operation. Fresnel lenses are affixed to the apparatus on mountings for concentrating the solar energy on to the photovoltaic grid and functioning as a passive solar tracker.

1459827132-c99a49da-14cc-4697-9347-ac5667c98d8f

A method for in vivo electrotherapy, or electroporation-mediated therapy, using a needle array apparatus is provided. Each of the angle adjusting devices includes a connecting member formed with a locking pawl, and a pivot member pivotally mounted on the connecting member and formed with locking grooves. The jurors view and judge the activity in the virtual world environment; and on the basis of this judging, defined benefits in the virtual world environment are awarded to the witness, monitor and jurors. The plurality of air openings are provided on one end of each of the plurality of nozzles. A right-angled bend is also formed at the ends of the fluorescent lamp.

1459827133-04951401-724a-44a1-b8d1-dee26c5a684f

This invention relates to an accessory for attaching to a needle to prevent needle stick injuries. The method may include obtaining a flow rate measurement in a measuring section, and calculating a total flow rate based on a correlation between the obtained flow rate measurement and the total flow rate. Particularly, the

optical resolver comprises optically active tris-isocyanurate or its derivative, or an optically active derivative of tris-isocyanurate.

1459827133-20b89432-4f5c-49c8-bf83-bdd235ff5e97

A mask having a pattern to modify a circuitry feature that has been exposed in a radiation sensitive layer by transmitting modifying radiation to a region of the radiation sensitive layer containing the exposed circuitry feature is described. The active steel repassivator is comprised of a continuous phase, a distributed phase, and/or an aqueous solution of an amine. If there is another gateway apparatus that is administering the same address, the IP address is prevented from being registered in the translation table. The accessory module is configured so that, when mounted to the mounting element at the windshield, the lens has a field of view through the windshield. A forced vibration device can also be operated by piezo driving and electrostatic driving from the outside without generating noise.

1459827133-5c100fd6-7bc7-4d49-95b8-ce851aeb9326

According to one embodiment, a method is disclosed for manufacturing a reflective mask. A passage through the follower body in the direction of actuation by an engine cam lobe is slidably receivable of a slider member for variably engaging a central cam lobe, preferably a high-lift lobe. This system polls a user with a variety of questions. The first and second regions are non-congruent to one another. A plurality of characters is recognized from the binarized character images.

1459827134-4ba8e743-c320-431c-9118-73d7b79ca627

An apparatus converts a screen with an aspect ratio of 4:3 to a screen with an aspect ratio of 16:9. First, a program is executed on a high level simulator of the processor. Each configuration tree is associated with one of the plurality of product trees.

1459827134-8d917323-0c48-4763-aef3-e742fdd77f41

Methods and/or systems using magnetically assisted pressurization of a gas for the generation of useful power from heat transfer using heat sources at lower temperatures in a manner that does not require the emission of CO<sub>2</sub>. One or more connectors extend from the rear end for mounting the bracket to a support. An applied voltage to program selected eFuses on the chip is selected responsive to an identified eFuse voltage value. Fuel cell technology is also implemented. The devices may be packaged in plastic packages with wire bond technology or may be solder connected to an area array solder connected package.

1459827134-c3c00272-0780-4694-bcc8-cfb63fe19e6d

An active wheel desiccant dehumidifier is controlled for improved energy savings by modulating operation characteristics including process air flow, reactivation air flow, temperatures, and wheel rotation in response to changing conditions. When the weight of the particulate matter exceeds the effect of the counterweight and the effect of any air-pressure differential across the flap, the flap opens and voids particulate matter from within the vacuum cleaner. The improvement embodied in the current invention is the ability to retain sensitivity to a wide range of particle sizes and also to discriminate between different kinds of smoke or dust according to particle size, whilst also achieving relatively long service life, small size, light weight and low cost. A decision circuit compares an output signal not selected with a reference signal to adjust the gain of the output circuits to thereby cancel the offset of the operational amplifier.

1459827134-c8e89b11-9735-422c-bc62-8c3318118b19

A composite electrolyte membrane for decreasing the crossover of polar organic fuel and a fuel cell employing the membrane are provided. The composition has been found particularly useful for forming a protective coating upon components of automotive vehicles, such as a bedliner for a pick-up truck. Such antagonists serve to block,

inhibit, reduce, antagonize or neutralize the activity of IL-17F, IL-17A, or both IL-17A and IL-17F. The compositions are useful in hair care, skin care, odour control, wound care, blood management, sanitary compositions, oral care, film formation, hard surface treatment, fabric treatment, release of hydrophobic or hydrophilic materials, plant care, water purification and drug delivery.

1459827135-07f5cd1a-f68c-465f-bca7-dbb03d8475e0

A multi-spot multi-fiber laser probe is provided that includes a first adapter; a GRIN lens within the first adapter, the GRIN lens configured to receive a laser beam from a laser source at a proximal end of the GRIN lens and to relay the received laser beam towards a distal end of the GRIN lens; and a multi-fiber array having a proximal end configured to receive the relayed laser light. The diode structure includes a substrate having edges, and a sealing layer formed on the edges thereof, wherein at least a breach is formed at a corner of the sealing layer. Methods of securing the surgical fastener to an anatomical structure are disclosed herein. An extension is disposed on a second end of the mid bar, wherein the extension provides a visual indication of both a locked state and an unlocked state.

1459827135-5b0b4cd5-92e0-4bca-a2f9-8c02d072e4b7

A crop sprayer comprises a cab having i) a left lateral wall structure including a first door, and ii) a right lateral wall structure including a second door. In a closed crankcase ventilation system, crankcase gases are caused to flow through a venturi which includes high pressure and low pressure taps. The presence of said reinforcing element allows a precise control over the excess fiber length within the buffer tube. A bottom side wall projects downwardly from the bottom edge of the covering panel and two lateral side walls respectively extend downwardly from the opposite side edges of the covering panel and sidewardly from the bottom side wall in a tapering fashion. The recesses further contain carrier stubs that run in an axis-parallel manner and on which the coils of the spring arms are positioned. The reinforcing member has a plurality of structural pieces separated by slits extending from an inner circumferential surface to an outer circumferential surface of the reinforcing member.

1459827136-065517f6-5587-4e91-b651-6b5a0286b6b0

The array substrate includes a substrate, a thin film transistor and a pixel electrode. A stepped top portion is received into an upper bore of a piston bore and a shoulder is received into a lower bore. The timing correction controls the timing of the read data or other signals by adjusting the timing of respective strobe signals, such as read strobe signals, that are applied to each of the memory device dice.

1459827136-2b89fc93-7a82-421c-a119-18f0d8478823

A bar code scanning system and method for reading and processing bar code symbology uses a scanning station installed above the check-out stand and a receiving station at some distance away from the scanning station. The modulation domain trigger generator may be combined with a plurality of different types of trigger generators, including frequency domain and time domain trigger generators, to process the input signal in response to different trigger criteria to produce more than one trigger. The focusing barrel is installed in the zooming barrel. The controller may be coupled to the second port so as to communicate with one or more communicating thermostats via a second network. The server delivers the device-type-specific URI to the mobile device to invoke a non-web-browser application for handling the data payload.

1459827136-3e2e2194-eb86-45f9-925a-b650ab899fd1

Methods and systems for using binary searches for variable length network address prefix lookups are disclosed. An apparatus for an announcement for a session includes a playing termination setting unit, a topology descriptor setting unit and

an announcement-playing unit. A Body Control Module receives a signal from the contact type sensor and transmitting the signal to a cluster. The method may also comprise searching at least one recorded source address based on the at least part of the source address, the at least one recorded source address being organized into at least one cluster. An automatic mounting range 3, including the two automatic mounting areas 1 and 2, is set in a predetermined range of the original board 5 in such a manner as to correspond to the range where the chip parts mounter carries out the work of mounting the chip parts. In addition, a timing signal based on this execution is transmitted from the head unit to a component feed unit, a recipe for the component feed operation for executing the component feed operation is received in the component feed unit, and the component feed operation is completed on the basis of this recipe and the timing signal transmitted from the head unit.

1459827136-ac478a1d-33fe-4c0f-89ca-c3854af3782d

A fan module includes a fan, a bracket, and a locking member. One embodiment comprises an interactive system for scheduling circuit assemblies for inspection. The main body supports a driving mechanism, a vacuum source, a vacuum sensor, and a control unit. The staves have transverse grooves provided therein. The APC adjustment module selectively adjusts the base APC based on the catalyst temperature adjustment and the ambient temperature adjustment and controls at least one of the engine airflow actuators based on the adjusted base APC during the first DFCO event. The functional gastrointestinal disorder includes a functional esophageal disorder, a functional gastroduodenal disorder, a functional bowel disorder, a functional abdominal pain syndrome, a functional gallbladder and Sphincter of Oddi disorder, a functional anorectal disorder, a functional disorder in neonates and toddlers, a functional disorder in children and adolescents, and other diseases.

1459827137-158e89e9-93ff-4bbc-8000-0344b3ea6f95

A reactor including an assembly of a coil, a magnetic core on which the coil is disposed, and a case that houses the assembly. The pressure sensitive chambers may be filled with air, liquid, semi-liquid, or particulate material. Structure types are related to the fabrication process and for a CMOS process include, but are not limited to n-diffusion, p-diffusion, n-well, p-well, pinched n-well, pinched p-well, poly-silicon and metal. If so, the normalized query is sent to the target database for execution, in accordance with an additional embodiment of the present invention. A method of making a high-refractive index material includes incorporating, at least one semiconductor nanocrystal composition in a matrix material.

1459827137-1f41b542-be3e-4f5d-bb53-42324f9f640c

An embedded device including a random access memory and a processor is provided. The structural component can include a group of carbon nanotubes. It possesses a receive device for receiving at least one control signal and a switching device for switching the radio transmission apparatus on and/or off depending on the received control signal. The pigments may be used in a charge generating layer of an imaging member having a substrate, the charge generating layer, and a charge transfer layer. Therefore, a sufficient thickness of the section corresponding to the valve seats of intake and exhaust valves are easily ensured.

1459827137-376688a1-f0e0-4443-a259-d41b44d6a59a

A plasma array apparatus for processing starting materials is described and taught. The fan broadly includes a rotatable propeller, a motor, a pump, and a nozzle assembly. A data receiving side performs processing by referring to the priority-level information.

1459827138-44919151-8829-404d-b613-3a74df3ded80

Reinforcement structures and processes for forming same are provided, wherein the

reinforcement structures are adapted for use in forming composite parts. Embodiments receive some authentication credentials, such as username and password, and obtain and parse reply data containing additional authentication credentials, such as domain name or context associated with the user, from a network directory server. Between the first and second time periods, at least one operating parameter of the second plurality of vehicles is modified such that the baseline fuel consumption data and the test fuel consumption data can be analyzed to determine any fuel efficiency improvements caused by the modified operating parameter. The moving member is attached to the attachment member, and configured and arranged to move according to pressure changes in the inner portion flow path.

1459827138-55fadd8-7a2e-4461-8931-6ec030178230

Methods and apparatus for detecting a composition of an audience of an information presenting device are disclosed. The device can include a group III nitride compound semiconductor laminate structure including an n-type GaN compound semiconductor layer and a p-type GaN compound semiconductor layer. A distance between the lensed fibers is two times of a working distance of the lensed fibers. Therefore, when an impact force is applied at the golf tee, the golf tee is forced to slide from the holding channel through the sliding slot so as to distribute the impact force at the golf tee to prevent the golf tee from being broken. A lower radial bearing assembly provides radial rotation support to a lower turret structure. The apparatus may also have an anvil coupled to the diaphragm.

1459827138-cf2b3a1f-be49-4b22-914e-a0844edd8c11

An HVAC controller includes a controller housing having an aperture and a battery tray removably disposed within the aperture. There is a first cogeneration loop to recover heat from a fuel cell power module, thereby producing a heat to electricity ratio between 0 and approximately 1. The hybrid net model preferably uses a clique model for two-pin and three-pin nets and a star model for nets having at least four pins. According to the method, it is possible to remarkably reduce notching without depositing a metal layer, when a multi-layered structure including a silicon layer which is etched to be passed through during RIE is fabricated. The outer support can be in the shape of an open boot.

1459827139-2cf182cf-65cf-442a-8f85-2c989fea1261

An image processing apparatus and method capable of decoding and varying at high speed encoded image data having an arbitrary image size by using a memory of a small capacity, and a recording medium storing programs executing such a method are provided. The net retardance of the system is reduced by the cancellation of retardance contributions from the multiple cubic crystalline optical elements and the uniaxial birefringent element. It also facilitates an understanding of the sometimes complex interrelationships between design targets, design tolerances, process inputs, process control variables, average process output and variation in the process output.

1459827139-62cf485d-3d80-45bb-8daf-604d7d81cd71

A connector connected with a complementary component inserted therein from a front direction includes an insulating housing and a shield coupled with the insulating housing comprising an upper shell and a lower shell. The method utilizes an organic compound including an oligonucleotide, and electrophilic active site, an active complex, and a phosphate binding site. A select vector is employed to select a delayed version of the reference clock that lags the reference clock by a second time period, which is slightly less than a number of reference clock cycles. The handgrip exerciser generally includes one or more springs and a handlebar for interposing a desired resistance or compressible tension between the handle and the handlebar for exercising hands, wrists and arms.

1459827139-b0222763-5414-4773-96fc-8339c381b92f

A method of determining a rotor angle in a drive control for a motor, comprising

the steps of determining a rotor magnetic flux in the motor; estimating the rotor angle on the basis of the rotor magnetic flux; and correcting the estimated rotor angle on the basis of reactive power input to the motor. These parameters include detector quantum efficiency, channel transmittance and pulse spacing. Preferably, the pallet is delivered to the ocean floor in advance by crane with the reel-mounted sensor array cables being deployed later by ROV. The arrival determining unit determines whether the capsule endoscope has reached the stomach or not. Expression of GrB-NIC is also observed in malignant cells of other types as well as in normal non-immune cells upon cell differentiation, especially in differentiating and differentiated neural cells.

1459827141-0dd47865-b8dc-4127-989f-dad99c011453

A method for reducing vibration levels in a turbomachine including at least a first and a second bladed wheel, due to aerodynamic perturbations that are produced by the second bladed wheel or an obstacle on the first bladed wheel is disclosed. Each differential transistor pair has a first transistor and a second transistor and an output node for each. The application programming interface of the invention includes a host interface, an ISDN interface and a modem interface. An outer surface of the subsequent layer influences a shape of the outer surface of the substrate by defining protuberances 24 on the outer surface of the substrate where respective cavities 26 are formed beneath respective protuberances upon dissipation of the fugitives. Further, circuit pattern width erosion and undercut of the circuit pattern associated with a chemical etching process are avoided. In one aspect of the invention, the assembly includes a faceplate assembly having flanges and keys for mounting and preventing rotation of the door keeper assembly.

1459827141-bcd9f4d1-5a0e-407b-9a9d-0a84d120b3a1

A mobile user terminal includes a receiver which receives a signal, and a processor which measures downlink channel quality based on the signal and does not transmit downlink channel quality information and an uplink pilot signal simultaneously at a period which the mobile user terminal is a state of transmission off in an intermittent fashion. The present invention provides therapeutic methods involving administering a subject compound, or a subject pharmaceutical composition. The first sequence which comprises multiple copies of a time domain code sequence can allow easy detection of the preamble while the second sequence comprises multiple copies of a frequency domain code sequence and allows easy determination of the frequency response of the communications channel. The metrology tool is adapted to measure a characteristic of a wafer processed in a first chamber of the processing tool. The apparatus further includes an air filter provided at a position in a space higher than the water surface of the grinding water in the tank, and a suction unit for drawing bubbles developing in the tank by way of the air filter. The phenolic resin composite material is improved in terms of the heat resistance as well as the mechanical strengths.

1459827142-08650b4a-b34d-49af-bd43-776b4be97e85

The present invention provides a handover method, a base station and a system. A query image of the retina of a patient is obtained. The strand profile of the micromodules is tight, having an average lay length of less than 250 mm, and the sheathing is thin-walled, having an average thickness of less than about 200 micrometers.

1459827142-9d180af3-9f4d-42a0-abd2-d777d9077b96

A color filter for a transfective liquid crystal display includes a transparent substrate, a color filter layer covering the transparent substrate, a transparent electrode covering the color filter layer, and a transparent layer. When the AMC is applied to the MIMO system, the optimal scheme is different depending on the MIMO channel situation, the maximum transmission power, and the maximum modulation order. The first time window is smaller or equal to the minimum triggering time for triggering the safety device, and the second time window is significantly larger

than the first window. The saved mask may be recalled and reapplied to the motion detector whenever the PTZ camera is repositioned to the field of view corresponding to the saved mask.

1459827142-d220d3e3-32a8-4301-80c2-ae19f8c58d3a

A method of manufacturing tires includes the steps of making structural components for tires, assembling the structural components of each tire following a pre-established sequence at respective work stations disposed along a manufacturing line, transferring the tires to a curing line, and curing the tires in respective vulcanization molds. The communication station includes a transceiver for transmitting and receiving data with user equipments, multiple backhaul interface modules, and a backhaul distribution module arranged for monitoring demand for backhaul bandwidth and distributing data over the backhauls based on the demand for backhaul bandwidth. Access to the water supply should be restricted for purposes of security.

1459827143-5b78ce0f-fc1a-4b5a-acbc-0819e54f0fea

An image forming apparatus that adjusts an inclination angle of a supporting roller for regulating pulling of a belt member serving as an intermediate transfer belt or a recording-material supporting belt. The LANUSB bridge apparatus includes a wireless LANUSB signal processor and a controller. The rotor assembly comprises an annular array of rotor blades, and each stator assembly comprises an annular array of stator vanes.

1459827143-9e50d5dc-b336-48f4-a9fb-59d052d17aef

A syndrome calculator receives an input codeword and calculates a first set of syndromes. Such device may include a housing substantially surrounding a heat exchange assembly. The method may involve displaying artwork comprising a list representation comprising a plurality of list item representations and identifying each list item representation as a group of one or more subitem representations. The printhead includes a structure which is less than 10 microns thick, on which the nozzles are incorporated.

1459827143-dc70e974-19b4-4279-86cd-0574ac9d90d8

A light source provided with a laser element that emits a laser beam emits a laser beam for synchronization control. The invention is also a toughened dielectric polymer comprising benzocyclobutene-based monomers or oligomers, ethylenically unsaturated polymer additive, and, optionally, a photoactive compound. In addition the amplifier is provided with a transconductance gain. for a time period of between 30 minutes and 1 hour to consolidate the defects; applying a second defect enlargement heat treatment to the substrate at a temperature of between 900\xb0 C. This arrangement minimises delay before retransmission of data, and improves the robustness of the system.

1459827143-f19def21-7fd5-4f94-9780-b943a6c15d7b

A hybrid electric vehicle 10 having a propulsion system 12 which integrates a motor-generator 14 and a variable displacement internal combustion engine 16. CKB3 is a structural and functional homologue of the regulatory subunit of protein kinase CK2 in Arabidopsis. A receiver receives signals from the electronic price label. Repeating programs may be divided into segments and an overlay may be used to allow a viewer to quickly and easily view a segment of interest. Therefore it can manage time limits regarding a received mail more certainly. One of two printing regions corresponding to two image regions partially overlaps with each other is assigned with the gluing region.

1459827144-334501c5-9b3e-48f5-801f-c2aa5a274be9

Waveform segment of interest in the displayed logic analyzer trace can create the desire in an operator to re-define the trigger specification to be those segments. The apparatus includes a housing having a selectively inflatable member stored



therein. If the MIP bit indicates a migration of the physical page is in progress, the DMA from the IO adapter is temporarily stalled while other DMA operations from other IO adapters to other physical pages in system memory are allowed to continue. A template used for generating a photo album is added with composition information representing composition of images to be inserted in image insertion areas therein. As the heating takes place, maximum energy is delivered to the food product using automatic impedance matching to adjust the rate of the process.

1459827144-5b17a90a-3676-4d67-af16-b78f3c675788

A hydraulic fluid container for a vehicle hydraulic brake system comprises at least one connecting sleeve, in which a valve member is displaceably guided. 7 GPa and about 5 GPa, where said polyethylene has an intrinsic viscosity of from between about 5 and about 50 dl/g and wherein said resultant micromesh tape is coated with an oral care substance at from between about 10 and about 120 mg/yd. A control circuit generates a reference voltage that corresponds to the detection signal. A method includes a first mask design processing and a second mask design processing. Moreover, mark-ups, such as build instructions or modifications, can be electronically overlaid on the drawing without modifying the original assembly drawing.

1459827144-d5036cde-6104-4b91-a0bc-908974a39554

A system for visually representing call events in calls handled by an automated response system of a call processing center uses a recording of calls recorded from end to end. The cloud object provides information about the clouds that are available. A method according to the technique may include, for example, identifying a device in association with a user profile; providing an online platform that receives messages from and sends messages to the device; and creating an aggregated log from messages sent to and from the device. A cutting sheath is slidably disposed over said cannula. The pin moves in the slot as the trigger is moved.

1459827145-79a630ff-1a7d-4264-8c91-ca7517302cbd

Method and apparatus for updating roaming lists. The access by the first buss is clocked by a first clock signal and the access by the second buss is clocked by a second clock signal. An alternative connector box accommodates one or more batteries while affording connections through the common connector and the plural first connectors to peripheral units and yet another alternative connector box houses only batteries and is connectable through a mating connector to the common connector of the personal computer to afford extended operating time.

1459827145-c24dbbc7-b5fc-44db-ab78-8b752b049993

An electronic component has an electronic circuit and a rubber-elastic elevation. One or more microstructures comprising therapeutic agents and pharmaceutically acceptable carriers are implanted, for example, through a cannula. The adhesive layer may include a composition of a copolymer of ethylene and glycidyl methacrylate and a phenol based curing agent. The apparatus may also include a light coupled with the body of the guitar, the light disposed underneath the decoration, the light to transmit visible light through the decoration. The first server uses the hardware identifier to retrieve boot configuration information for the network device that is transferred to the network device and that includes a location in the storage network of a disk device containing an operating system image and the second server address. The diagnostic systems may include imaging systems, data management systems, monitors, and so forth, connected to an internal network of the institution.

1459827145-dd809217-a74d-4d6c-9147-48d348d8510c

A harness with a retractable leash secured on the harness so that it remains in a fixed location on an animal's back, making it comfortable for the animal, yet always accessible for a user. The color-tunable illumination system comprises a

light source emitting light of a first predefined color, and comprises a luminescent material for converting light of the first predefined color into light of a second predefined color. A positive flow of air into the socket reduces the friction, allowing the workpiece to be more easily rotated during repositioning, whereas drawing air away from the socket produces a partial vacuum which increases the friction, causing the socket body to be locked in a single position on the ball. The positioning step may be performed prior to or subsequent to the arc generating step. The interface device separates sample solutions from the instrument interface by gas or liquid in the fluid channel, thus to avoid direct contacts between sample solutions and instrument interface which will cause pollution, and omitting cleaning processes after using instruments.

1459827146-c9c61093-1f92-49db-ba97-dce58e9d8c02

In an information retrieval system, a system and method for presentation of information and/or resources that are pertinent to an individual's interests or task. The defibrillator includes a door which conceals manual mode commands, such that opening of the door puts the defibrillator in the manual mode and simultaneously reveals the manual mode command buttons. To compensate changes caused by the expansion of the winding support, a connection device should have at least one connection element that extends axially with one end of the element connected to the winding support in a fixed manner, and the opposite free end connected to a centering retaining element of the rotor eternal housing in a non-positive radial fit, so it can be displaced axially. The flap shaft may be mounted such that the flap rotates about a flap rotation axis.

1459827146-d571c7c9-bfe9-45a6-abc7-3796db2462d9

Disclosed herein is an ink comprising. Also provided are the dosage sized containers for the above, along with the dosage size containers having gypsum enhancers. The emissive keypad has a light-emitting source and a plurality of electrodes, operatively connected to a power source, to activate the light-emitting source in order to illuminate the keypads, wherein the connection of the electrodes is controllable so that one or more keypads can be illuminated causing the key indicating marks on said one or more keypads to become more visible. A logic block is provided for determining the propensity for the impulse force on the wheel, which results in control of the proportional control signal or other signal to regulate the control input that is sent to the braking or steering control system.

1459827146-e6b8273d-3580-4a70-9779-057ed0816116

A high resolution measurement method and apparatus for tracking wavelength transients in tunable lasers. Each sequential reset pulse is output to a corresponding one of a plurality of reset lines. From the initial juice flow, a first portion of the juice is diverted from a second portion of the juice. The interposer includes an ESD bus electrically connected to the ESD busses of the first and second integrated circuit devices for providing cross-device ESD protection for the integrated circuit devices. An upper brace has flanges for engaging upper edge surfaces of adjacent ones of the panels.

1459827147-23c54315-a83e-445a-bda6-8563e2cdbaeb

A semiconductor package with a die pad having a recessed portion is proposed, wherein a lead frame is used, having a die pad formed with at least a through hole, and a plurality of leads. Said ink jet inks demonstrate improved adhesion to print substrates. The key may also be derived at least in part from user input to the computer. As a result, each communication station can perform relayed communication using the time slot that is allocated thereto. The aligning body is swivable to vary the distance of the two opposite sides of the top portion from the cover along the sway directions that are inclined towards the two opposite sides of the top portion. The radial separation distance is preferably used to authenticate the medium.

1459827147-3858cc37-0f20-4b18-9056-4bea846a7103

A method is provided for detecting and tracking piracy of proprietary materials marketed and distributed on various types of media and multi-media products. The water swelling mineral is preferably water swelling mica. The termination indication may have been provided by an application running on the server, or alternatively, the termination indication may be provided by the authentication component. Each of the one or more source or drain regions includes an N+ polysilicon layer on a diffusion barrier layer which is on a conductive layer. The shared memory has capacity for the internal dictionary area and capacity for the line data area set based on analysis result analyzing input data. The method includes sequentially depositing a first conductive material, a gate insulating layer, a semiconductor layer, and a second conductive material on a substrate, and forming a first resist pattern having three height levels on the second conductive material.

1459827147-6d7f6e0e-60d2-4235-9439-182c5417ceed

In accordance with embodiments of the invention, a method is provided for performing a storage operation in a pipeline storage system in which one or more data streams containing data to be stored are written into data chunks. A network architecture of the invention is structured to provide highly effective and flexible security features while greatly simplifying the user experience. Clients may use the systems for educational and planning purposes and/or may authorize automated triggering of contributions with scheduled increases and/or decreases as specified by the selected plan.

1459827148-2af45295-7458-42a5-80a5-e7cb1a0ebb89

A ball joint restriction system provides a cylindrical extension in the end of the ball, and also provides an oblong housing in the closing cover of the ball joint to restrict movement of the extension. One embodiment also automatically alters the configuration of mobile devices, which is particularly useful in movie theaters. They have a special effect with regard to inhibiting tubulin polymerization and can be used, for example, for the treatment of prostate cancers. The clamping device includes a clamping assembly which is useable to hold the register elements in place.

1459827148-442752c1-9adf-481f-ab8d-f7a36731ea15

Systems and methods presented herein construct groups and determine the presence for the groups. Since it is possible to efficiently discharge overvoltage or overcurrent applied to an electronic component, it is possible to improve reliability of various electronic devices to which the electronic component in accordance with an embodiment of the present invention is applied as well as to extend lifespan of the electronic component itself. The holder has a cylindrical shape and has a second hole penetrating through a center portion of at least one of the top surface and the bottom surface thereof.

1459827148-47e8a1c6-3d14-44df-a65c-2179dd7c2691

The present invention provides a method and a terminal for loading picture resources by a JAVA virtual machine. The system monitors community selections, queries, preferences and profiles to determine popular content authors, categories, etc. The insulating layer is patterned with a MIM capacitor top plate pattern, and a MIM dielectric material is deposited over the patterned insulating layer. ABPT has entries for the memory modules. The flexible conductors are configured to withstand a current on the order of 300 amps and a minimum temperature of 170° F. The ganged cord retractors contribute to preventing cord entanglement while increasing the safety of the cords in a mini blind application.

1459827149-304aec00-01b6-4920-aa58-466fc7041879

A method and apparatus for continuously seaming cured EPDM membrane to form a composite sheet of predetermined width and indefinite length. The present invention

also provides a dye-based polarizing film comprising a base material and the disazo compound of the formula or the salt thereof contained in the base material. Each of the user device, user credentials, and the physical identifier is associated with a user and identification of each is required to grant access to the virtual application. The camera lens extends through a wide opening at one end of the adaptor. The present invention permits phase displacement of POL regulators without limitation to the input and output voltages of each of the regulators in the array.

1459827149-7e22a700-f0a7-4bad-98e5-5a8f8aa49a4d

A generator housing includes a top portion, a plurality of side portions, and a base portion. In the interpolation method, the ambiguity between the interpolation value and the threshold value is removed by using the context, thereby reducing the blocking and smoothing phenomena in the restored binary image. Furthermore, in a gaming environment, the play personality of the usersubject may be represented by an avatar, doppelganger, narrative, graphic or iconic depiction. A pair of voltage multiplexers provides for compensation currents to correct offsets of either polarity.

1459827149-e60d35e8-c102-4485-8e25-153548b22967

The object of the invention is to reduce the amount of investment required for the usage-optimized configuration and installation of large cranes. The apparatus includes a conveyor for moving upper and lower chords thru a series of assembly stations of the apparatus. The device performance is not harmed, even if misalignments in consecutive semiconductor processing steps occur. In process flow continuity embodying volumetric displacement and replacement of distinct materials of distinct origin interposing manifolds comprising materials having rigid, and/or, semi-rigid, and/or, semi-flexible, and/or flexible characteristics are disclosed for ingressing and egressing fluent materials along gradient flow matrix patterns.

1459827149-e7f372c7-0ece-4418-a735-6aab6d6ad084

Compositions and methods for inducing cell membrane wounding, cell permeabilization and cell killing are provided. The construction of the cup provides sealing surfaces to allow the controlled flow of the liquids into the nose through either nostril without spillage. The invention provides a combination of dispersion compensation and definition of the linear polarization state in a dispersion compensation fiber which is birefringent at such a high level that only the two orthogonal linear polarization states can be diffused therein. In the ionization chamber, the hydronium clusters can be heated and reduced in size by means of electrical acceleration and gas collisions, and thus made more reactive in order that analyte molecules of low proton affinity can also be ionized. The ice bank includes an ice accommodation chamber storing ice pieces made by an ice maker, and an ice pressing unit circulating the ice pieces by pressing the ice pieces for preventing sticking of the ice pieces in the ice accommodation chamber.

1459827150-19c562c9-39b2-4e55-8fb0-4ef30da7cdc1

Engine accessory drive belt tension is maintained by a spring loaded roller positioned to impinge against the belt. One side is covered with peel-off wax paper which is removed to adhere the welting material flush against the edge of the carpet's pile. Another approach provides methods and systems in which the secure data parser is used to disperse packets of data into shares.

1459827150-3f1955e6-6a0c-4ab7-9ce5-a59e7cdac549

A control system for a maneuverable kill vehicle is provided. An apparatus includes a voltage metering circuit and a transformer having a first winding coupled to the voltage metering circuit and a second winding for coupling to a power source. The yoke housing has an open end in an axial direction.

1459827150-634b8180-c0c6-4c8b-a20b-b4be4264115f

The invention concerns the preparation of halogenated monoorganoxysilanes, of

formula, said compounds being useful as synthesis intermediate in organic chemistry. The plurality of LC series resonant circuits are used to radiate radio waves and are used as inductances of a matching circuit that matches an impedance when a power supply side is viewed from power supply terminals and a radiation impedance of free space. In the single bundle embodiment, the differences in optical lengths between different fibers of the bundle is preferably made to be equal to even less than the coherence length of the source illumination. The transformer functions to isolate the bias current from fluctuations in the output signal, whereby the output signal and bias current are provided to the associated laser diode device.

1459827150-7b0790c6-f0a3-4efd-ac5a-c52de0903c1e

In this parity data generating circuit, a Galois field multiplying calculation is realized by performing data conversion by index table information generated from a Galois field multiplying table so that data for RAID6 are generated. The driving apparatus includes an LCD panel for displaying an image corresponding to a data signal. Noise on the system platform may be estimated based on the received pseudo noise sequence. Further actions include providing the verification phrase as a response to the request for the verification phrase for verifying the identity of the user. The flexible web material can be coupled to a second web material. Methods of use are also disclosed.

1459827150-b404fcdb-b8bd-4340-88b4-9af979a23d77

A wireless station user is provided with a unified messaging protocol that enhances the currently available messaging capabilities of SMS. Each of the elongated handle bamboo layers has an average thickness of 1. , an alkyl group of 1 to 4 carbon atoms or an aryl group ; \u201ck\u201d is 1 or 2; \u201cm\u201d is 0 or 1; and \u201cm+k\u201d is 1 or 2), and further subjecting the resultant product to hydrosilylation reaction with a hydrosilylation agent. The zoom lens satisfies the following conditions:\u22121.

1459827151-49646e4e-d149-4cf7-92a6-dc7e110794c2

A plastic container is constituted by upper and lower tank members and a filter. The forceps includes a shaft member having an end effector assembly disposed at a distal end thereof. Particularly, the porosity of the positive electrode mixture is 20% to 50%, the porosity of the negative electrode mixture is 20% to 50%, and the porosity of the separator is 20% to 60%. The latter is adapted so that a spacer element can be removed or a spacer element can be added while the coupling of the first coupling end to the carrying structure and the coupling of the second coupling end to the optical element are maintained. The compounds are useful for treating coronary artery disease. The residential Ethernet stream transmitting method includes transmitting a data frame comprising multi-cycle traffic information and receiving the data frame within an admission control condition based on the multi-cycle traffic information.

1459827151-7dd49e9e-7060-49ea-bb1c-8454e6acd48c

A limit-level sensor for measuring level of a liquid has a resistance element which has an electric resistance which suddenly varies a transition temperature which lies above the maximum liquid temperature. A deposit of the assets withdrawn from the first account is initiated to a second account at a second financial institution. This is accomplished by the use of new transposition methods, in combination with spectral envelope adjustments. The label is attached in a manner to enable a user of the fishing rod and reel assembly to view the indicia while the user is fishing with the fishing rod and reel assembly.

1459827151-e80a81a7-9be6-4625-8810-6bf5579c880f

A battery pack and a method of controlling the battery pack. The caps have a circumference shoulder with O-rings. The most appropriately sized one of the garments for long-term wear may be selected by gauging which of the body sizers is

the best match to the actual size of at least part of a person's body. Range residuals from the ATC filters are used to correct the computed receiver offset and thus allow acquisition in the presence of relatively high interference. The second openingclosing mechanism is arranged to openclose a second portion of the bypass passageway that connects an upper part of the vessel to the low pressure piping. One of the basins, the intermediate basin, can be designed to have a volume greater than either of the first or second outer basins.

1459827152-2149289d-bc18-40e0-9536-c824886adfb8

A user interface for a portable computing device provides two modes of operation. The apparatus is deployed in the raised tower configuration by tipping the main member up, so that the base members, attached to one end thereof, rest on the ground, attaching the platform to the other end of the main member, and attaching the brace, which is also a ladder, to the platform. A determination is made as to whether other hosts have access to the data store.

1459827152-963370d4-e5ae-4ecc-b0b7-86ac51421e30

An apparatus and method for quickly drying solutions in one or more arrays of vessels includes a manifold that receives gas and a base plate that receives the one or more arrays of vessels. These multiple soft buses are stacked side by side each other. A further disadvantage is that the connection elements protrude into the cabin chamber and form edges over which one may stumble there. The system further includes a pressure differential system configured to control a flow rate of the buffer gas and maintain a positive differential in pressure between the buffer gas and the process gas.

1459827152-aabb5aad-8f7a-4bd4-a20c-31b072b54372

A method and system for performing garbage collection involving sensitive information on a mobile device. The tokens are tightly encoded into the content and a registry controls the linking of the television content to specific Internet-based content. A second image frame including one or more image patches corresponding to the image patches in the first image frame is received. The opposite end of the suture is tensioned and held in place by a suture clamp and a pledget routed over the stent and placed against the neck.

1459827152-d4a1fd52-45e0-4e9f-a48a-497f6a631304

To provide a disc drive device which does not spend a lot of money on components and requires the less number of components than the conventional technology and has a function to correctly dispose an inserted disc by a slot-in method at a place where the disc can be driven according to the size of the disc. A signal portion of traffic en route from a source in a virtual private network to a destination is received. In operation, the dipole radiator portion operates in the lower end of the bandwidth and the Vivaldi radiator portion operates in the upper end of the bandwidth. The heat sink element may be produced by an additive manufacturing technology. The reader may also be equipped to read an MSR-type device.

1459827153-58c123a5-3a56-4585-ada7-fa1144667c39

A concealed spoon in milk powder container is disclosed. The symmetric message keys may be derived from a master key using a key generator at an organization. Likewise, a voice mail deposit number reset request can be in the form of a MAP-USSD message. A dispensing nozzle is affixed to the other free end of the elongated tube. A protective structure comprising a layer of boron oxide and an inorganic barrier layer cooperates with the substrate to encapsulate the first electrode, the second electrode, and the light-emitting structure.

1459827153-8c699caa-b71e-49bb-bd2e-11d9979113e4

A valve body for a valve includes a body having an internal cavity formed therein. More particularly, information is identified which defines a particular communications network, e. Based on the detected and monitored characteristics, the

device driver coordinates image processing on the host machine by configuring on-the-fly a plurality of functional modules supported by the host machine for performing various image processing tasks. The extension rail assembly is coupled to the support rail assembly by a pivotal mounting that extends through the mounting slot.

1459827153-d0578d49-5c55-4317-90a9-97acd1af690c

A multi-functional PH meter and the fabrication thereof are disclosed. By converting the bitmap image into vector data the edge coordinates information so extracted reduces the time required for raster-vector conversion. An agent software component running preferably on the network device providing the managed service has access to the configuration in the native language of the network service. The position of the segment to be used is determined such that when the erasure continues over units of processing, the position sequentially varies gradually for each processing units.

1459827154-243bc4c3-bf6e-4270-96d7-b73e50a81e58

MnOx-containing, base-metal oxide mixtures are useful NOx oxidation catalyst materials and NOx storage materials in lean-burn engine exhaust gas treatments using Lean NOx Trap systems. The plurality of reservoirs of conductive gel are disposed on sections of the electrode assembly that are at least partially physically separated and may move at least partially independently of one another to conform to contours of a body of a patient. The photoresist is exposed to radiation.

1459827154-45512026-166f-456a-b65c-77fa8869d71a

A method for controlling a polishing characteristic of a polishing pad used in the planarization of a substrate is disclosed. In accordance with the system of the present invention, the protocol engine includes a plurality of processing units such as an identification unit, a lookup unit, a traffic management and congestion unit, an enqueue unit, a dequeue unit, a traffic management scheduling unit, a frame transmission unit, a control unit, and a control block unit. The carrier sub-assembly is moveable parallel to a longitudinal axis of the cylinder body between a first position and a second position. The court rules further include instructions for generating a Jurisdiction Selection Expert and an Event Selection Expert that enable a user to quickly select a jurisdiction and an event using hierarchal data structures.

1459827154-6a618f9d-3115-408e-93d6-7f69206eb7ae

In a hydraulic shock absorber structured such that a vehicle body side tube and an axle side tube are slidably fitted, and a plurality of adjusting portions are provided in a cap sealed to an upper end opening portion of the vehicle body side tube, a plurality of adjusting portions are arranged side by side in a plan view of the cap. An upper switch point of the two-point controller is allocated to one maximum power value and a lower switch point of the two-point controller is allocated to one minimum power value. The graphics geometry cache is a relatively small cache used for storing and maintaining vertex data. In one embodiment, removable blocking elements are disposed upstream of some of the binding sites, for example formed from photoresist. The device further transforms at least the test signal into a representation of the test signal for example in numerical format where the sample values of the test signal take the form of integers. The present invention also discloses a liquid crystal module including a backlight module and a liquid crystal panel.

1459827154-94a423c8-0e78-4a5b-920f-6e1bfe5cc7e9

A gift box for gift cards provides a presentation appearing like a gift box for other products, such as jewelry, having strength, three full dimensions, color, quality, and design options. The disclosure also generally relates to projection exposure installations that include such imaging optical systems, methods of using

such projection exposure installations, and components made by such methods. A plurality of interactions are received from a plurality of submitters included within the plurality of viewers. The use of carbon nanotube fibers allows the fabrics to insulate, semi-conduct or super-conduct electrical charges.

1459827154-b8869b78-c911-4fbd-861c-1ed051f4a6d1

A method of applying an adhesive to a substrate is disclosed which utilizes a hydrophilic, high molecular weight, nonionic polyurethane adhesive. A knowledge automation engine may evaluate a check against one or more facts to detect a product issue. Consequently, the storage capacitor is unnecessary, so that the aperture ratio of the liquid crystal panel can be increased.

1459827155-15a8a284-0498-49b8-9400-926bff39f074

A disposable cutting sheet for cutting and preparation of food items thereon includes a first section having a plurality of apertures therethrough and a cut resistant surface, a second liquid impermeable section disposed adjacent the first section, and a fold line disposed between the first section and the second section, wherein folding along the fold line forms the cutting sheet. The method is performed in a UE and/or a RN node of a wireless communication network deploying two frequency layers. A liquid sterilant is generated by mixing the water with dry chemical reagents. The necessity of a re-design and re-fabrication of the programmable media access controller and the control processor, and the interface between them is completely obviated by the present invention. When the last sheet of a set is dropped, the mechanism changes to a buffering mode and the arms collect and hold the first few sheets of the next set. An apparatus and method of using the apparatus is provided by which adhesive is applied to the end regions of the insulating glass unit with one or more nozzles while a separate side arm extends from the device and alongside the insulating glass unit having a nozzle that delivers adhesive bead to the side of the pane to be adhered to the frame or sash.

1459827155-8fce55b2-f830-4aef-82cf-b3277576c3aa

A delay locked loop can remove a jitter component that inevitably occurs due to feedback latency in the conventional DLL. The method receives the new print product class from a user and maps the representation of new print product class conditions to be semantically consistent with the representation of existing class conditions. The test plate is coupled to a test receiver circuit to receive and output the data signal detected at the test plate capacitively coupled to the signal terminals. Resistance bands may be attached to the arms. The APB generator allows messages to be sent wireless mobile communication devices through direct wireless messages instead of through email messages.

1459827155-ba3e4295-c367-4c4b-af01-cb7a04312e00

A method and apparatus for detecting magnetic fields in which a string carries an alternating current. The apparatus includes a catalytic solids container with a mouth and fluid egress opening and a trigger device or mechanism that allows for the controlled release of a catalytic solid into an eruptible fluid. A comparator receives the output of the filter and compares the filtered microphone output with a threshold to determine if the filtered microphone output signifies ice crystal formation on the heat exchange surface. The top includes pliable inner soft top, side windows, and rear window, each of which may be rolled into a stored position within the frame using electric motors for open air use of the vehicle.

1459827155-bb169c1c-33ad-45d6-86b1-6de2af837b35

A computerized method provides unshared local storage space to a process distributed by a trusted source through the use of an identity associated with the process that specifies local capabilities for the identity on a computer. The LGA socket is mounted to the power converter in a single direction of assembly. The two windings have a width in a radial direction and a thickness in a direction perpendicular to the radial direction. A server located remotely from the database



sends a query to the database for a real time call trace. The delay of the phase interpolator is adjusted so that the signals are coupled to the output terminals of the latches with a predetermined timing relationship relative to signals coupled to output terminals of a second signal distribution tree.

1459827155-d77896a0-124f-4171-a3ca-001962a7fc90

An air intake includes an air channel for an air stream passing through the air intake into the plant, and a particle filter assembly arranged in the air channel for removing particles from an air stream passing through the air channel, the particle filter assembly including a front and a back filter unit. The resource control system is designed for a plurality of clients connected to the system and is used to maintain consistency of the data. At least one of the mounting edges of the removable mounting assembly has an opening to receive a cooling air flow into an interior cavity of the main body of the removable module. The compressor compresses refrigerant gas introduced into a suction chamber from an external refrigerant circuit. In one embodiment, the launcher simultaneously launches confetti into the air so as to create an effect of both sight and sound.

1459827156-1e35fa33-388d-4106-aea0-8a27f2566602

A hydraulic power steering system for a vehicle includes a first, hydraulic actuator for making available steering power or auxiliary steering power for adjusting the steering angle of one or more steered wheels of the vehicle, and with a second electric actuator for making available a steering power or auxiliary steering power for adjusting the steering angle of the steered wheel. The provisioning system provisions unprovisioned mobile stations and prevents unprovisioned mobile stations from accessing an Internet protocol data network through the wireless network. Additionally, the gas cylinder component includes a torque-proof fixture that is under pre-stressing, wherein the torque-proof fixture comprises one or more bores tangential to the barrel further including a pin to create spring pinning action. Each of the pixels causes rotation of a direction of polarization of incident light depending on its direction of magnetization due to a magneto-optic effect. A1A0 and a second binary data Bn\u22121Bn\u22122.

1459827156-23c234bd-a2a2-4873-a733-c26a9c43c93b

An electronic circuit for a switching power amplifier is shown where in order to reduce problems during the transition stage when switching an output stage of the amplifier, the circuit comprises an output stage formed by at least two switching stages 54,55. The method facilitates the formation of a query to the UDDI registry for the wireless device user. The power device temperature monitor includes an inductor coupled to the output terminal of the power device and an amplifier coupled to the inductor.

1459827156-c3a05738-d8c3-4c4c-b1ce-e38042759348

A method of maximum likelihood decoding for detecting the signals transmitted over a Multiple-Input-Multiple-Output channel of a communication system in which there are N co-channel transmit antennas and M co-channel receive antennas. In one embodiment, the voltage reference generator has a power supply rejection ratio of at least 60 dB and has improved noise performance as compared to traditional bandgap circuits. The first cover is disposed about the rotor and comprises a forward end and an opposed aft end. In one embodiment, the MEMS device is a substantially planar device, designed such that, when the inertial force is parallel to the device plane, the displacement amplitude of the movable electrode from an initial position is substantially the same for all force directions.

1459827156-f0b720b6-a09e-4d9f-bcd0-e2b636f2ae28

An LED wedge-based lamp and method of making the lamp, where the lamp has a generally planar circuit board having one end that has electrical connections exposed thereon and a connecting part that is adapted to mechanically couple the lamp to a wedge-based lamp socket. The delay cells respectively include a first to

a third logic gate. Notably, the message server can be Java message service compliant. Additionally, the method includes forming a third well in the substrate, implanting a first plurality of ions to form a first lightly doped source region and a first lightly doped drain region in the first well, implanting a second plurality of ions to form at least a second lightly doped drain region in the second well, and implanting a third plurality of ions to form a source in the second well. A clamp arm has a roller and an extended portion and can be freely rotated around a rotation shaft.

1459827156-f4e78656-b7b2-432f-8fb2-1dfa36926b5b

A maximum power point tracking charge controller for photovoltaic systems includes a buck converter for receiving the maximum power voltage from a PV array as input and for supplying voltage output to charge a battery bank while converting the voltage input to a voltage output that matches the voltage required by the battery bank for charging. One embodiment includes a method for forming a branched, nanocrystal particle. A support device connected between the machine frame and at least one of the ground engaging units has a lifting column adapted to controllably raise and lower the ground engaging unit relative to the frame. In other embodiments, the floating point format can be defined in the manner preferred in order to achieve a desired range and precision of the data stored in the frame buffer. A method of securing a solar panel is additionally provided.

1459827157-4514e869-4a23-4843-9a78-aaca6105fede

A hot plate unit having a reduced heater temperature rise time and not generating dusts. When the speed of communication between the remote device and machine is not urgent, a connectionless mode of communication may be used. Methods of detecting contact are also part of this invention. A pivot hole is formed on the first supporting portion. The closing contact of the crossover switch is obtained by means of soldering, being equipped with a separator as protection against arcing. The polysilicon layer and the high-k metal layer are recessed below a top surface of the insulator layer.

1459827157-5a284832-40a7-4b2f-a376-4458fbf75a99

A reflector for projection systems and spot luminaires is molded in separate sections and then assembled into a unitary reflector. The local server may include a security device in charge of acquiring a first right of use of the data. At least two or more of the film-formation regions include a portion in which a total number of the landing positions in the at least two or more of the film-formation regions that simultaneously face the nozzles is the same in the primary scanning direction.

1459827157-9cb7ed77-c3d4-4a91-afb2-cd801d68a0a7

A domestic refrigerator or freezer has a food storage compartment delimited by insulated walls and by one or more access doors to the compartment. The backflow prevention adds sufficient minimum flow resistance, thereby enhancing the performance of the pulse dampening over a wider range of flow rates resulting in consistent gradient performance. The present teachings also relate to operating methods of the electrochemical system described.

1459827157-ba2c4204-ee97-4dac-a912-2dc3cc1ac3a8

Lactam polymers has been modified with sodium borohydride to yield lactam polymers bearing hydroxyl functional groups. At least one drive output element is arranged on the driveshaft, a shifting element is arranged to move axially within the hollow shaft, and coupling elements, in the form of balls, move radially within the radial bores. Each electric motor is associated with a converter in order to control the rotational speed and/or the rotational direction of the electric motor. At least some of the content is stored on the electronic device prior to display, and at least some of the logging and status data is stored on the electronic device prior to being transferred to the content management system. The apparatus includes a rotary kiln with internal walls for delaying progress of the polymer to the exit of

the kiln to be subject to sufficient processing to obtain desirable intrinsic viscosity.

1459827158-2d6232a7-c17a-4349-ae2a-c125a2bee0f7

A sealing configuration is provided for sealing off a first region from a second region through which a fluid can flow and which can be kept at different pressures. The rotordynamic device is a centrifugal pump or compressor operated by the motor to drive a fluid from the input to the output. The localized masking is accomplished through differential exposure of a resist layer to electromagnetic or thermal energy.

1459827158-337b1d4e-7b1d-4319-b9cb-38f5312136a3

The present invention is related to sublimation transfer paper for cotton fabrics comprising sheet, printing layer and mixture resin layer containing polyethylenevinyl acetate, stearic acid and wax as a lubricant. A control circuit is interconnected to a gated switch on at least one side of the load, and the switch is controlled to shunt back-EMF from the load. A piston rod passes through the second working chamber and is guided to the outside through a seal at the end of the cylinder and then hinged to the hatch, whereas the other end of the cylinder is hinged to a stationary component.

1459827158-462c0327-a15e-4df0-818e-6aba7a2503a3

The present invention relates to a diamond tool and a method of manufacturing the same, wherein multiple abrasive layers are formed through a brazing or electroplating method, thereby improving the performance and service life of the tool. The present invention provides a three-dimensional display device in which at least one of a plurality of display panels is formed of a display panel having pixels each of which includes color filters having the higher transmissivity than color filters which express colors of an image or transparent windows. A diffraction image is hereby created of the illuminating light scattered on the arrangement of elastic elements, and at least a portion of the diffraction image is detected by an optical sensor directly or after interaction with further optical components.

1459827158-878b7496-f498-4751-aaa8-d726a6847b83

Arrangement for taking a CT scan and a SPECT scan of a patient in a single-pass diagnostic procedure. Also provided is a method of soldering an electrical contact using the polyamine flux composition. Accordingly, the eddy current devices apply a retarding torque on the wheels of the vehicle.

1459827158-e7bf29a6-cee6-44c7-a952-ba191ecc3684

Delivery of bioactive molecules such as nucleic acid molecules encoding a protein can be significantly enhanced by immobilization of the bioactive molecule in a polymeric material adjacent to the cells where delivery is desired, where the bioactive molecule is encapsulated in a vehicle such as liposomes which facilitates transfer of the bioactive molecules into the targeted tissue. The toothbrush disclosed herein incorporates the use of disposable desensitizing agent cartridges thru a pump mechanism. Yet another object of the present invention is to provide a bonding material for an electronic component, which has a low linear expansion coefficient and a low elastic modulus after being cured in the temperature range equal to or less than the glass transition temperature, so that a joined body with high reliability can be produced. Accordingly, a difference in enthalpy between the refrigerant at the inlet and the refrigerant at the outlet of the evaporator 6 can be made large, and the heat absorbing capacity of the evaporator 6 can be enhanced, and further it becomes possible to give the degree of superheat to the refrigerant sucked into the compressor 1. The anvil member has a tissue contacting surface that includes a number of pockets arranged for substantially aligning with the retention slots.

1459827158-f9bcd98f-ea1c-4986-8d76-3a821997aee8

A sliding roof system for a motor vehicle includes at least one guide rail, at least one guide carriage movably received in the guide rail, and a cover support that can be shifted relative to the guide rail. The control system includes a determining unit that determines, based on the ID information of the device, whether the user can enter or exit the area, and a transmitting unit that transmits, based on the result of the determination by the determining unit, setting information of an apparatus located in the area to the device. The components are designed such that a surgeon can accurately manipulate and align vertebral bodies using the removable alignment rods attached to the cannulated pedicle screws and to enable the installation of fixation system hardware while the alignment rods are still in place. The substrate to be processed is maintained in a state of not contacting water until it is dried after being hydrophobized. The second capacitor electrode layer includes a second capacitor electrode section that at least partially covers the first capacitor electrode section, and which has an edge portion that extends beyond the underlying first capacitor electrode section. A branch tube is communicating with the nasal tubes and adapted to lead pressure generated by the nasal expiration gas to an external pressure sensor.

1459827159-2d04b8ac-d467-4913-b359-2fffc89567e00

A system for enabling user interaction with computer software is provided which has a printer. This is accomplished by rotating two handles relative to each other so that movable blades, via cams, are forced into the fruit/vegetable. The channel circuit measures information which is related to a read error and updates the information in the table. Placing step places the plate-like-shaped thin film member on the supporting member so that an opposite surface thereof faces the electrodes. An image compression unit performs a compression encoding of the image data based on a result of the determination of the document type judgment unit. A structure and method of forming a MLC having layers with staggered, or offset, pairs of lines formed directly on one another are disclosed.

1459827159-3930cd0b-9355-4736-8677-4b60c0f1cbfa

A device for use in tissue repair, a method of using the device in a surgical procedure and a method of making the device. In another embodiment, the film structure comprises a second skin layer comprising a thermoplastic polymeric material and an effective amount of a high-melting incompatible additive to suppress cavitation in said second skin layer, wherein the second skin layer is exterior to the second side of the core layer. Protective sheets or a rigid tray may be variously included for protecting materials forming the billiard table. A regulator circuit is included and is coupled to control a switching of a switch to regulate a transfer of energy from the ac input signal to a LED load to be coupled to an output of the LED driver.

1459827159-67762fee-7090-4fb1-80b2-e8c9b6b60f3a

Various system embodiments comprise an implantable lead, an implantable housing, a neural stimulation circuit in the housing, and a controller in the housing and connected to the neural stimulation circuit. The training aid has a frame that is attached to the golfer's putter club. The sensor is operatively connected to a software routine, as well as to a conventional indicator light that illuminates to alert a vehicle operator that water must be purged from the fuel filtration system. Each RL circuit is constituted by the parallel coupling of a resistor and a coil. A pair of temporary shelves for supporting the LCD substrate are disposed to sandwich the support member when the articulated arm unit and support member retract.

1459827159-9a8648ac-0b08-4453-83d4-50fbe9abc8c8

Provided a light guide including side surfaces on which light is incident, a reflection prism surface having plural prisms on which light is reflected, and a light emitting surface from which the light is emitted, in which the reflection prism surface includes a first region in which a pitch of the prisms varies and a

second region in which a depth of the prisms varies. In one embodiment, a system may comprise a networked device, a relevancy-matching server, and a client device. Other embodiments are described.

1459827159-f5bfef13-faf7-4958-bd47-99cfed15f0e8

Method and apparatus for handling calls from relocated instrumented functions to functions that expect a return pointer value in an original address space. A portion of the shaft of the drill bits located adjacent and proximal to the cutting head has a reduced diameter relative to the remainder of the shaft. A telephony-Internet interface converts spoken queries into electronic commands for transmission to an online shop or database.

1459827160-4573f24f-e4ee-4500-83c4-bbb03fd542c7

It is an object to obtain a light source device and a projection type display device in which a fragment can be completely enclosed therein even if a discharge lamp bursts during lighting. The present invention is also directed to stable orally disintegrating compositions comprising taste-masked microparticles of a substituted benzhydrylpiperazine and rapidly dispersing granules, and methods of making such orally disintegrating compositions. The amplifier power supply may be referenced to ground. Hybrid maize seed, plant or plant part produced by crossing the variety PH18MB or a locus conversion of PH18MB with another maize variety. A charge pump is connected to the output of the current source, the charge pump generating from the voltage appearing at the output of the current source all the operating voltage needed for operating the sensor and a signal processing circuit connected thereto. The method reads a bar-code indicating the volume from a tape cartridge, attaches the tape cartridge to a tape drive, and detects the current track position on the basis of a longitudinal track.

1459827161-20a2be9a-2c93-48b8-9056-b943a2f1d3a6

A garbage container includes a base section for collecting garbage and a lid section attachable to the base section. The valve structures allow for removal of selected portions of the sample material located within the process chamber. The present invention also provides a method of coating a workpiece with the truck trailer manufacturing facility. The method also includes selecting an assignment of at least one current echo to the at least one past echo of the at least one past echo function such that a predeterminable selection criterion is fulfilled. A data display displays the object data associated with the plurality of load objects.

1459827161-864c9d42-955b-41cd-9a52-9828d72db5d4

The object of the present invention is to provide an image encoding device and decoding device which allows the maximum compression rate to be achieved with a visually uniform level of picture quality. A first network node comprising a network interface controller coupleable to an external network operates as the primary network node for the set. The plurality of transistors includes a plurality of gate regions, a plurality of source regions, and a plurality of drain regions.

1459827161-d86f5441-8e36-49d4-a10e-cb38e975ca1d

In the present invention, a part of the recording elements in accordance with a position of a print medium with respect to a printing head when printing is performed after the detection is performed among the plurality of recording elements arranged in a conveyance direction during conveyance of the print medium are used for printing if the width of the print medium is detected by the sensor. The preamble sequence may be selected from one of a set of Constant Amplitude and Zero Auto Correlation sequences corresponding to all of the supported number of transmit antennas. Further, the lower shell is formed as a hull, having a floor surrounded by exterior sidewalls to define an interior well within the lower shell. The heating module includes a heater and a second switch.

1459827161-f6dc4f8c-b5ef-403c-895d-a163efcb27c9

A glass composition which is reduced in the amount of residual bubbles and is produced using smaller amounts of an environmentally unfriendly component such as arsenic oxide and antimony oxide. When machining holes in cast aluminum alloy workpieces it is found that aluminum machining chips adhere to guide surfaces and chip evacuation surfaces and mar the machined surface. A statistical analysis is used to determine the optimal routing map from hosts to storage entity. Additionally, each projecting pole is shaped asymmetrical to a line connecting a center of the projecting pole in the rotational direction of the rotor core and an axis center of the rotor core.

1459827162-4d73ea4b-ce1d-4c1f-a713-1e0386566c0a

A method of decorating items of jewelry. The set of characters is selected only from vowels and the space character. Since the identification mark 50 is formed within the pixel region 41, a transistor to be repaired can be surely identified, for example, by detecting the identification mark in a repair processing of the TFT array substrate. The RF bandpass filter is configured to separately control a bandwidth and center frequency of output RF energy. Compared with conventional lamp apparatuses utilizing DC LEDs, heat generated thereby is distributed on chips and outer rectifier. At least the sliding surface of the first sliding member is made of a diamond-like carbon material, and at least the sliding surface of the second sliding member is made of either an aluminum-based alloy material, a magnesium-based alloy material or a diamond-like carbon material.

1459827162-4de5a76c-0542-41e3-bdbf-649f48d74963

A driving circuit and a common electrode are located within a sealant region of the first substrate, wherein the driving circuit includes switch devices and turn-line structures. A method includes a step of locating a frequency coefficient within a transform array. According to the present invention all cation-forming elements are present in the scintillation material in an amount, which is higher than stoichiometric with respect to the anion-forming elements. In addition, the activating unit has an element that extends through the mold unit to engage the valve pin, so as to control the molten plastic flow from a runner system to an injection chamber. Each of the sub-fins is defined by a combination of a protrusion and a recess.

1459827162-4e676ff0-ac75-42fa-a99a-135bb81a7c10

Anti-theft security devices for a motor vehicle, comprise portable transmitting elements, of a receiving module on board the vehicle and of elements controlling a system for interrupting at least one circuit required for operating the vehicle when the distance between the transmitting elements and the receiving elements exceeds a certain value. The switch circuit can provide a number of switch settings. The present invention can provide multiple-layered buried wiring in which a high reliable via connection and a reduced parasitic capacitance due to the air-gap are achieved. The device comprises at least one device contact located at the third surface and adapted to be electrically linked with at least one corresponding enclosure contact located at the first surface. The method comprises the steps: frames are extracted from a video sequence inputted. A drive mechanism for operating the clutch includes an interlocking device operative in association with the movement of the tool rest body on the tool slide so that when the engaging unit is disengaged, the clutch is engaged and the turret is rotatably indexed by the servomotor.

1459827162-945df2b0-7975-4e0d-ba20-b23937aec059

A time-of-flight flow meter that is particularly useful for measuring the flow of gases, such as steam, uses a spark gap periodically energized with an electrical pulse to generate an acoustic pulse. At least the multiplexer of the first latch stage on the output side is associated with a feedback loop of the latch device of this latch stage. The processing system logs changes to a data portion and defines modified data fields and unmodified data fields. The mucus clearance portion may be

separable from or separate from the ventilation portion such that the medical device is capable of maintaining lung ventilation with the mouth interface removed from the patient.

1459827163-5ab32106-7907-427d-aa32-4b26d04ef3ca

Improved drying, binder evaporation, and sintering processes which may be used in conjunction with specialized sintering tools to provide for the geometrically stable sintering of large, complex, metal injection molded preform parts or flowbodies. An alignment end of the optical fiber is first positioned so that the optical fiber axis is coincident with the optical axis, and visible light passing through the optical fiber is focused upon an imaging light detector, without the optical component present on the optical axis. Also, the intercord distances  $T_1$  to  $T_k$  have a relationship such that  $T_1 \leq T_2 \leq T_3 \leq \dots \leq T_k$ . The strong influent jet due to the small influent area in a center-feed clarifier continuously impinges with the multilayer perforated columns one after another one.

1459827163-7a09ceff-ce91-48ad-96ca-54cc1f8c3038

The present application provides novel compounds according to Formula :including all stereoisomers, solvates, prodrug esters and pharmaceutically acceptable salt forms thereof, wherein  $R_1$ ,  $R_4a$ ,  $R_5$ ,  $R_6$ ,  $R_7$ ,  $R_8$ ,  $R_9$ ,  $m$ , and  $X$  are described herein. Biometric information can be identified as trusted by comparing it to other biometric information and/or based on the age of the biometric information and/or receiving correct answers to questions based on personal information. Preferably, the active formulation on the side of the current collector facing the anode is of a lesser percentage of the active material than that on the opposite side of the current collector. Further, the welded panels allow positioning of large rebar configurations, insuring that the spacing of the individual bars exceeds all required tolerances.

1459827163-fc5c6763-d0b9-4b93-87be-69350dd87b11

Methods and apparatus are provided for optimizing a conditional execution on a processor core. The charging station includes an input connector configured for coupling with an alternating current power source and an output connector configured for coupling with an electric vehicle. The cosmetic kits provide increased skin health benefits when both components are applied to the skin simultaneously or successively.

1459827164-702c693c-8d58-4004-8628-325d5bcfe704

A lithographic apparatus includes a radiation system configured to form a projection beam of radiation. One or more mating structures, such as posts and sockets, ridge and groove configurations, or the like, are provided along the mating surfaces of the two mating manifold members. Use of the arch support prevents this undesirable effect.

1459827164-c4854af8-39b0-44f2-8b40-f5c1af23c51f

A blowing agent blend for making thermoplastic polymer foams includes methyl formate. The vent member is broken due to an internal pressure of the secondary battery greater than a predetermined level. The spring connects the weight to the bearing plate. depending on personal preference. A method includes signaling completion of a read process prior to completion of one or more stages of the read process at a memory array.

1459827164-e2b34fed-d378-41f6-a8b3-700575a7d0e0

A protection system for a transformer system that includes three single phase transformers with auxiliary secondary windings, respectively. A CMOS image sensor includes an epitaxial layer having a plurality of photodiodes. The resource configurations use different resources that are available in the cloud computing environment.

1459827164-fb906bc8-086a-4126-9ae1-8b2584d0bcf7

There is a need to provide a computer system capable of preventing a failure from propagating and recovering from the failure. The call is established using a selected network and end device registered to the called user. Subscription response messages may be used to deliver credits to mobile devices which transmit a request for service. The metal containing layer is annealed to drive metal into the substrate to form self-aligned contact regions in a metal alloy formed in the substrate within the dopant regions. The system may also include a cold-plate connected to the cold-rail with the circuit board between the cold-plate and the cold-rail, the cold-plate to remove heat from the circuit board.

1459827165-ba32c2be-ba3b-481d-a44e-2837413a5f67

To obtain a micromachine for use as a high frequency filter having a high Q value and a higher frequency band. The separator layer is removed, the composition layer is adhered to a stain on clothing, and the clothing is laundered to treat the stain. In response to the enable bit and the at least one sub-channel select bit, the control logic selects one or more of the address signal lines to capture independent address information to support independent sub-channel memory accesses into the memory array.

1459827165-c0399a97-b54a-4952-8597-e12ed32ec62f

A stent is deployed within a body passageway. The wind turbine includes a nacelle that is coupled to a tower and a rotor that is rotatably coupled to the nacelle with a rotor shaft. The use of a Bloom Filter in the analysis allows for a more efficient use of resources to perform the analysis. Also, the computer monitors storing the job and the job ticket into the second folder, and activates a job edit program to have an operator edit the job after the process indicated by the job ticket is performed for the job stored in the second folder.

1459827165-c8734ca6-5341-4182-b9f1-a22e3e65f415

The present invention relates to a pump arrangement having a housing and cover. A target temperature of a fixing device is set on the basis of the thickness of print medium that is used after the predetermined operation and the thicknesses of print media detected at the period of the predetermined number of print pages. The magnetic device comprises a pinned magnetic layer with a fixed magnetization direction, a free magnetic layer with a free magnetization direction, and a read-out magnetic layer with a fixed magnetization direction.

1459827165-f710b176-9c51-468e-a6ef-cca3d76828c8

A spray system and method of using such spray system to fabricate a polymer membrane structure for use as a vascular graft or tissue engineered scaffold is provided. The assembly includes a stator core having a hub, a plurality of teeth extending radially outward from the hub, a root tooth diameter and an outer diameter. Any displacement of each electroactive bending actuator effects displacement of the membrane. The inlet portion of the cannula tip can accept blood flow from either the gaps in the side or from the bottom of the tip. A user interface is provided to enable users to monitor the vulnerabilities of software products or components. The levels of matrix metalloproteinases and/or tissue inhibitor metalloproteinases are analyzed to predict the recurrence of atrial fibrillation, and further to predict whether cardioversion will provide a successful therapy.

1459827165-fb5f9d8f-57fc-429b-b717-9a89a8f2cebd

A golf ball cleaner includes a housing having an open channel into which a golf ball is inserted. The module includes a module housing and a first fluid passageway extending from the module housing. In its idle position the cutting tool is disengaged from, and, in its active position it is engaged in, the workpiece to be processed.



1459827166-3490eb8f-4059-41e1-b582-b3c358fa7e40

A method for forming a multilevel structure on a surface by depositing a curable liquid layer on the surface; pressing a stamp having a multilevel pattern therein into the liquid layer to produce in the liquid layer a multilevel structure defined by the pattern; and, curing the liquid layer to produce a solid layer having the multilevel structure therein. The acid treatment, given certain reaction kinetics, removes a portion of the polyamide element of the conjugate filament. The valve element is disposed toward an inner diameter of the collar. First and second outer pinions are rotatable with the first and second gears, and as the driving pinion moves radially toward the first or second gear in response to gear separation forces, the first or second gear is angularly and rotationally advanced with respect to the other gear accommodating inaccuracies in the teeth of the rack and outer pinions. This technique allows for the proportioned fluids to be provided to the spray gun at high flow rates and consistent spray pressure without interruption. The interpolator is used to receive the combined video data from the mixer and to read previously combined video data from the buffer, and to generate the new video data by performing an interpolation operation according to the aspect ratio, the combined video data, and the previously combined video data.

1459827166-6a8af2b7-6692-4096-a61c-e099acdb139e

A monitoring system for monitoring a test article includes a scanning system and a computer system. The endpoint may receive a generic menu-navigation user input command, such as a navigation command from a simple remote control device. The protective sheet includes a top side having a raised surface design configured for retaining fluid, and a bottom side that is smoother than the top side for added slip resistance. A first portion of the patterning layer is removed to form an opening to expose the substrate and conductive layer. The face cutting is provided with teeth from a material of the coupling element that has been plastically shaped in an at least partially noncutting manner. The compressed air is supplied to a point between a fuel tank and a pump to push fuel back into the tank or through the pump then through an injector and back through a return line to the tank so that the fuel line is completely purged of fuel.

1459827166-d628916e-d1dd-449f-8e68-e29fd04b93a4

A method includes determining one or more potential merges corresponding to a color set  $A_i$  and a color set  $A_j$  of  $N$  color sets, represented by  $A_1$  to  $A_N$ , used in coloring polygons of a layout of an integrated circuit. Couplings are insertable into the open ends and are adaptable along a longitudinal axis of the housing. The data set can then be inserted into an applications program to form the computer executable code. Also disclosed are the use of agents  $a$  for the manufacture of a delivery device for the treatment or prevention of lung inflammation or a respiratory disease, and a delivery device for the treatment or prevention of lung inflammation or a respiratory disease that contains an agent as described herein.

1459827166-f2a2c645-fb4e-432e-b56f-3082cdb2cad2

The edge protector, especially for stair edges, comprises of a step profile and a base profile being fixable on a stair. Further, additional methods are applied to determine anomalous user behaviors and raise security and data leakage related events. A second data structure records selective index locations that map into the first data structure.

1459827166-f9c73a8c-e0d9-4b59-bcb1-ddf3cf671f2f

A belt drive system and toothed idler sprocket having an arcuate pitch to significantly reduce noise. The main body 1 is provided with a socket assembly 6 for the attachment of the fluorescent lamp 4, and an electronic ballast 7 for operating the fluorescent lamp 4 at dimmed levels. An EBC suited for low-efficiency emitters is also disclosed. A plug material is formed over the hard mask pattern to fill the contact hole.

1459827167-ae64bc2e-8b45-4c83-a199-5744a8ac64dc

A washing machine includes a tub disposed inside a cabinet, for storing water; a drum rotatably disposed inside the tub, for washing laundry; and a steam generating apparatus disposed at the cabinet, for generating steam supplied to the inside of the drum, by using high-frequency induction heating. The zoom operates in the range of useful magnification of the microscope with sufficient contrast if the zoom meets the meets specific conditions. The MAC control PDU includes an identifier for indicating a type of a MAC PDU and a sub-identifier for discriminating a type of the corresponding MAC control PDU.

1459827167-b04aa66a-ae64-423c-9d62-f94a3c76a006

This invention concerns a process for recovering and purifying dianhydro sugar alcohols from a vapor stream comprising dianhydro sugar alcohols, such as isosorbide, and water vapor. The method also includes transmitting the determined weight to at least one node adjacent in the network to the network forwarding device, and determining forwarding based on the transmitted weight. In a pick-up moving mechanism, an idler gear, which constantly engages the drive gear, engages a pick-up transmission gear to transmit drive force. Y represents a member selected from:  $\text{C}_m\text{OCH}_2\text{O}$ ,  $\text{C}_m\text{OCH}_2\text{OCH}_2\text{CH}_2\text{O}$ ,  $\text{C}_m\text{OCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{O}$ ,  $\text{C}_m\text{O}$  where m is an integer between 2-4 and 6-24 inclusive; and R is either hydrogen or a benzyl or an alkyl group, the alkyl group being either straight-chained or branched. It thereto comprises a first active optical indicator that is located at a predefined location with reference to the line of passage, which indicator is detected as part of the image registered by the camera so as to obtain detection data.

1459827167-b0a41ec9-8df7-4e96-ac26-75fc7146dfa6

There is disclosed a method for manufacturing products through the use of waste materials of various kind, such as heterogeneous plastic materials, wood, minerals, etc. For example, the method receives a request from a subscriber of the communications network to subscribe to the virtual individual server service, provides a virtual individual server to the subscriber in response to the request and executes at least one application via the virtual individual server using at least one piece of personal information associated with the subscriber. A speech recognition mechanism processes the caller's voice response so as to produce a data signal representing a recognized voice response. The computation cells of latter stages have the same configurations as the second computation cell. In an embodiment, two corners of the space have a radius of curvature no greater than the width of a transition zone between the space configured to contain liquid and a surrounding configured not to contain liquid.

1459827168-182322b0-f835-4094-b4c7-19f2a9d390a5

A transmission bit rate control mechanism for a packet-based communication system in which sender transmission bit rates can vary over time is provided. The first charge trapping layer includes an insulating film containing Al and O as major elements and having a defect pair formed of a complex of an interstitial O atom and a tetravalent cationic atom substituting for an Al atom, the insulating film also having electron unoccupied levels within the range of 2 eV-6 eV as measured from the valence band maximum of Al<sub>2</sub>O<sub>3</sub>. As such, the cost of manufacturing the device may be reduced, and the overall achievable yield may be increased. The monocrystal grows towards the melt surface in a direction that is perpendicular to the phase boundary. The invention further includes a technique to eliminate dead air spaces in the voice data transmission stream by speeding up or slowing down the data rate in the buffer while maintaining a constant pitch of speech.

1459827168-2b9bf669-8f69-4048-8de4-b7133b2295e6

The invention relates to a microelectromechanical structure, and more particularly, to systems, devices and methods of compensating the effect of the thermo-mechanical

stress by incorporating and adjusting elastic elements that are used to couple a moveable proof mass to anchors. Particularly useful for exercising with a child and allowing her to ride a bike until tired, and then towing the child's bike while she rests in the jogging cart, the apparatus comprises a bracket assembly which is removably mounted on the rear wheel support structure of the towing bicycle. Fruit is large, firm and develops a bright golden-orange color with red blush on exposed fruit.

1459827168-61f9072c-f033-4025-95e9-627e6305fb7d

A computing cloud comprising at least one computing node having a Virtual Machine running on a user level. The side walls of the spacer bar preferably taper towards each other such that the thickness of the spacer bar at the inner wall is less than the thickness of the spacer bar at the outer wall. In one procedure, a shape or profile of a curve of a second-order moment of hydrophobicity is determined. The forcible control device forcibly controls a drive signal such that an electrical angle changes to a stabilizing point. A supplemental storage layer may be disposed over the photovoltaic layer such that a storage portion is in alignment with the hydrogen collection micro-chamber.

1459827168-7b77a233-4ef4-4ad0-a519-70c9628ab421

The circuitry introduced in this invention selectively slows down the functioning of an electronic circuit by maintaining a particular state for a prolonged period of time. Suppliers of goods or services self publish information to the hub. In these regions zero or more devices may be fabricated. Said contact elements penetrate at least one of the sidewalls, so that the contact elements provide an electrical contact from external contact elements to internal contact elements, such as solder tails. The longitudinal body edges increase in width as the body longitudinally merges with the circular shoulder portion, and the circular shoulder portion has a rounded portion transitioning into and merging with the body panels, and a sloping portion of reducing diameter merging with the neck. JAR is received if the communication pattern is allowable, and JAR is not received if the communication pattern is not allowable for security reasons.

1459827168-89985edf-19ad-47dc-a129-35e34408daf0

An extendible height container is provided in which the corner elements telescope to extend the height of the container from standard ISO dimensions. An object of the present invention is to precisely define the exit portion of a deflected connecting element in its rotational position relative to the housing of the booster in order to simplify and improve the assembly. to produce a self-supporting activated carbon structure. Imbalance due to the curve of the instrument is corrected by a non-functional asymmetry proximal to the functional asymmetry. After the two laser transmission devices have been fixed relative to the aperture-processing machine, the common line of intersection formed at the point of intersection of the two light beams mentioned above and the axial line of the main bearing cutter of the aperture-processing machine coincide exactly, thus forming the reference for positioning.

1459827168-d7e6f531-8359-4831-b6b8-d364b3f6659d

A seal assembly is for sealing between a housing and a rotary shaft includes an annular sealing member coupled with the housing and having inner and outer circumferential surfaces and a plurality of projections extending radially from the outer surface and spaced circumferentially about a central axis. The extended object oriented programming environment provides the capability for a client object oriented application to connect to, and communicate with remote server object oriented applications as well as make object references to remote objects and remote object data. There is also provided a method comprising receiving an input signal with a frequency between 2. It uses Internet protocols and technologies to implement these packet transport systems, and thereby re-use much of the existing Internet infrastructure already widely deployed. By utilizing only engine speed,

the noise enhancement system is cost effective and significantly less complex. X and Y are coordinate values defining the airfoil profile at each distance Z.

1459827169-1867aae3-0b7e-4904-a7fa-86034de14a19

A conductivity probe having a modular design. Monitoring another physiological parameter in order to detect a condition indicative of the beginning of a present pathological episode and collecting additional pathological data in response to the condition. In a first embodiment, the n parallel streams of data 30 characterized in that one of streams of data includes a unique characteristic that can be used to distinguish that one from each of the other streams of data. A mean, standard deviation, and weight may be calculated and assigned for each of a plurality of access points as observed within a space. The command signals may be substantially mathematically proportional rate command signals with respect to applied torque.

1459827169-32e67997-c4f3-4b1a-9d67-57f651f9f3f9

A surgical system includes a manipulator, an implantable actuator and a controller. Among the fluid flow problems that may potentially be detected are leaks in the branching catheter systems. Methods for producing a maize plant that comprises crossing hybrid maize variety X05B902 with another maize plant. By sharing input commands rather than pixel array data, system latency may be reduced. The prompt gamma-ray detection apparatus is advantageous because it can non-destructively analyze the elements in a chemical sample using a femtosecond pulse laser-induced neutron generator that solves the problems of an atomic reactor for research or a radioactive isotope as a neutron radiation source.

1459827170-444de359-2bb2-4b94-b206-4f41a3eaadb1

A silica glass crucible used for pulling up a silicon single crystal and made from natural silica a raw material is provided with a region within a certain range from the center of a bottom section of the crucible and up to  $\theta$ . An issuing server generates an eVoucher that a recipient may use to purchase goods and services from a merchant's e-commerce Web site. In this manner it is ensured that the working method of the agricultural working machine or its working attachments is adaptable to the shape of the particular territory to ensure economically efficient use of the agricultural working machine. The at least one electrical wiring device includes at least one user-interface. The probability that the current packet is either dropped or used is determined by using the current data packet service flow rate, the data packet priority, and the current buffer circuit depth. The wireless power transmitter can include a shield residing on a given side of a substrate spaced apart from the transmitting coil.

1459827170-44bd8404-1357-4c7e-856f-8bb27f055807

A system for a user to control a thermostat temperature setting includes a master code by which an operator gains access to the system to set the parameters by which the general user can access the system and change the temperature setting. A heat transfer fluid flows through the fin by way of a conduit which carries the fluid to and from a load. The module can truncate the text string after a particular number of lines at a space and append an ellipsis, or the module can dynamically write code to accommodate the entire text string in a \u201cpage flipper,\u201d where the user sees substrings of the text string on each page and can \u201cpage\u201d forward or backward through the entire text string.

1459827170-462c598f-b4dc-4399-8a23-afdfdf263622d

Electromechanical non-volatile memory devices are provided including a semiconductor substrate having an upper surface including insulation characteristics. In various aspects, the disclosure is directed to integrating a VoIP client for audio conferencing with a web client. An extraction device, such as, for example, a vacuum system, extracts a sample of air, including any dust and other particles, from inside the mail piece.

1459827171-3678ec53-a482-40d3-8bff-f1576ff1dfaa

A bi-directional DC-to-DC power converter is provided. The apparatus includes: an adjusting unit configured to control rotation or movements of the heavy load so that collision or interference of the heavy load with a facility around a road or a peripheral environmental condition is prevented in a process of transporting the heavy load after the heavy load is fixedly mounted to the adjusting unit. The media sheet has two lateral sides, a leading edge, and a trailing edge. A spring is engageable with the lever for urging the lever to move the control structure toward the first position. Clamp member has a bore that adjustably and securely retains a support rod, which has a swivel foot at one end. The method also includes enabling a software entity to request a service represented in the repository, the service representing a first operation on one or more data elements in a first collection from the collections, and executing the first operation on the one or more data elements in the first collection.

1459827171-53b6d042-29c5-4b77-9cae-1251c10a54dc

An amplifying circuit of a semiconductor integrated circuit includes a data amplifier that outputs an up-signal and a down-signal amplified according to a comparison result between an up-data signal and a down-data signal in response to a control signal. The amplifier output stage includes an input, a gate driver circuit, two output transistors, an output, and a current sensing circuit. Accordingly, if the network conditions are not suitable for the service request requiring a data transfer, it is possible to not proceed with the request, such as by delaying it until network conditions become suitable. The slide engages the spacer with a uni-directional ratchet controlling the extension of the spacer from the connection box. The one or more voice recognition algorithms may correlate utterances of the person engaged in a conversation to one or more stored utterances.

1459827171-8043445d-b49e-4c48-b64f-322fc9162a26

Ruthenium compounds, either alone or in combination with other remediating compounds, can be used to oxidize, remove and sequester contaminants in water and soil or sediments. The wireless interface receives user information, including a user speech sample and a user account code, from a wireless communication device over a wireless communication link. State dependent content in the electronic document is identified. Next, a first end of a first piece of adhesive tape is applied to the membrane side of the composite, and the second end of the first piece of adhesive tape is applied to a first rotatable winder. 01-10 parts by mass of an inorganic layer material to 100 parts by mass of said main constituent material, in addition to said main constituent material and said organic binder. The compressor and turbine each produce substantially no axial force, allowing the use of minimal axial thrust bearings.

1459827171-bd24ca75-d821-4474-a39f-da71d15e7b81

When a printing paper to which an IC chip storing secret information is attached is discarded, a shredder applied voltage to the IC chip by a discharging unit to destroy the IC chip and to make it impossible to read the secret information therefrom. The composition is a two-part coating composition having an amine component including one or more aspartic ester amines and optionally one or more amine-functional coreactants, an isocyanate component including one or more polyisocyanates, and material selected from the group of fillers, extenders, pigments, and combinations thereof. The integration valve member is moved by a stepping motor connected to the integration valve member via a shaft. The first high concentration second conductive type region and the first high concentration first conductive type region are connected with a first power supply of a potential.

1459827172-26e50e9c-6769-4d09-8e1d-5d1a21335912

The invention relates to a new device for and a new method of assembling stacking

patterns and simultaneously stacking these stacking patterns by means of a robotic manipulator having at least one translational robotic axis. The tension mask has a pair of mask borders each being fixed to a respective support blade and a plurality of strands extending between the mask borders. The application server receives and converts information of the GUI into one or more web pages and one or more client side scripts. These leads are then deemed relevant to sales and can be input in an organization's customer relationship management tool. The mailing assembly includes a pocket holding the article inside the mailer is offset relative to one edge of the assembly by a distance sufficient to prevent damage when the mailer is oriented and processed by postal equipment.

1459827172-6cf67884-f77b-4ff8-a1d9-75a00ed6d436

The present invention relates to blind decision feedback equalization. A width of at least one fin of the plurality of fins is different from widths of the other fins, and each width of the plurality of fins is individually determined based on the electrical characteristics of the fin transistor. Some embodiments of the devices include audio components that are configured in a manner that distorts direct verbal communication between two parties of a trilateral verbal exchange. The body of the RF conductor is positioned circumferentially around the implantable medical device. The impact of a particular condition notification on one or more entities, which are related to the primary entity, is analyzed to create one or more impact notifications.

1459827172-b87e0239-6237-4bfb-9463-75cbb982396b

An echo canceller circuit and method performs cascaded echo cancellation and noise suppression in a non-interfering manner. The fuel vapor pressure management apparatus performs leak detection on a headspace of the fuel system, performs excess negative pressure relief of the headspace, and performs excess positive pressure relief of the headspace. The second mode uses a hinge to allow the light units to be rotated about the hinge until the left and right light units are pointed in the same direction defining an open position.

1459827173-906f2827-d13c-4a8f-9895-57720884cd15

A side-view type light emitting device includes a package body, a lead frame, and a light emitting diode. When the variable reference sampling current is raised and the step-up device approaches a pulse duty factor value, the intermediate circuit voltage is reduced and the variable reference sampling current is stabilized, said intermediate circuit voltage is re-raised. The support includes a tilt strip and a pressure strip, as well as devices for positioning the tilt strip and the pressure strip at angles relative to the bearing mechanism.

1459827173-9661a19d-a1e4-487a-91fa-f2b58f2672af

The mower housing apparatus provides a three-blade design provides with all blades rotating in the same direction, either clockwise or counterclockwise, at the operator's discretion. The deep trench capacitor structure is constructed from a first capacitor plate that is formed from a doped n-type SOI semiconductor layer. Numerous other aspects are provided. A first, second, and third coaxial RF connectors can be mounted to the switch housing.

1459827173-a8623277-e15f-42f6-b156-aaaadcfd2357

A reconfigurable ADC includes a plurality of reconfigurable blocks for allowing the ADC to provide a plurality of architectures. When data is to be written to cache, each cache level determines whether it is permitted to store the data. The first energy consumption model corresponds to actual energy consumption of the facility. The short-distance linklets attain maximum bandwidth by use of the existing buffer credits of the end nodes. The backing tube and the target material are joined via an electroconductive felt present between the backing tube and the target material.

1459827173-b4c2a9d7-97b5-431f-ab02-2144b758446f

A voltage regulator has a phase compensation circuit which changes consumption current according to load current thereby to reduce consumption current. In one preferred embodiment of the invention, the active ingredient of the insecticide formulation is an amine derivative, having a nitro-methylene group, a nitroamino group or a cyanoamino group, which can be formulated to have low toxicity and excellent insecticidal activity. The second section has an operational amplifier with a summing circuit that sums two input signals, namely a triangular wave signal and the control input signal, and then amplifies the summed signal to produce a trapezoidal waveform output delivered to the second section. Systems and methods of displaying recorded network data utilizing the retrieval systems are also included in the invention. The models may also be tailored to account for geometric considerations of the semiconductor devices thereby allowing for a more flexible model and simulation by providing for geometric scaling capabilities.

1459827173-dd3402d3-11bb-4408-a5a9-1f8bc00b50f2

Specific logic gates for q-gating are selected by determining the minimum leakage state for a circuit design and then selecting logic gates that hold the circuit design in its lowest leakage state. A bypass channel is used to link a first end of the cleaning tube and a second end thereof. Each of the drawer glides has an attached rack gear with at least one tooth having an irregular profile.

1459827174-0769ff64-1049-4d62-9888-c8c30447a358

A method for tracking position of features of a moving organ from at least one sequence of image frames of the moving organ involves identifying at least a first feature and a second feature of the organ in a reference image frame. The standard digital channel processors perform continuous tracking. The rotational control assembly may be installed at any desired position in the drill string. A cover is positionable onto the base for holding the fiber stub and fiber end in the channel.

1459827174-8fc9ecba-31d8-4e23-8448-65b58df91828

A method and device for the quantification of muscle tone, particularly the wrist, wherein non-sinusoidal and non ramp trajectories are used to drive the wrist. The thermal absorption unit further comprises a microchannel system formed by superimposing a cover on a substrate having a plurality of micro-grooves arranged thereon, so that the microchannel system is capable of allowing a fluid with a plurality of magnetic particles to flow in and through. Entertainment content definition files define the rating level and content descriptors for entertainment content. The gaming machines can be oriented in a peer-to-peer configuration, a central storage medium configuration, a stand alone configuration, an autonomous gaming machine configuration, and other network configurations.

1459827174-9e771998-4314-4a65-8e3e-331470866167

At a particular node of a storage service to which connections have been established on behalf of one or more clients, respective workload indicators are collected from a set of peer nodes of the storage service. In some embodiments, two carrier signals are transmitted on different frequencies to one or more user devices that support multi-carrier operation, and different global cell identifiers are broadcast on the two carrier signals. The film has excellent transparency, heat sealing property and tear resistance.

1459827174-c1704dc9-6cac-49dc-a572-ceed8dad45ed

When assembling longitudinal seams, the shells in the region of overlap are moved together over lining-up drill holes, the shells are fastened and subsequently the pilot holes are transferred. Each of the plurality of local performance monitors implemented in each different domain is modelled on a relationship between a level of the supplied voltage supplied to each different domain of a predetermined system and an operating speed or the operating frequency of a predetermined circuit implemented in the interior of the domain. The wiring harness includes a plurality

of flexible electrical conductors, each electrical conductor being electrically isolated within the wiring harness. Both ramp sections and the support leg assembly include manipulating handles to facilitate movement of the ramp between a stored position and a working position.

1459827174-ed60bc61-1c76-484f-a2a2-9d1e7f806c22

As a vehicle runs, current load  $q$  is calculated every given time. A primary mask is obtained from a primary set of granularity masks. Therefore, the processing object data was converted to the data adapted for the output capability of the output device so that the output device can output any processing object data. The filter element has a pleated filter medium, which is sealingly enclosed by a frame, and the frame has seal contours designed to cooperate with the contours of the filter housing. An example pulse width modulation generator includes a ramp generator to generate first and second ramp signals that interact to form a virtual ramp signal; and a comparator module coupled to the ramp generator configured to produce a pulse width modulated signal based on a comparison between the virtual ramp signal and an input signal. The apparatus selects at least two from among them, calculates chaos theoretical indexes such as Lyapunov exponents according to a chaos theoretical technique, detects changes in the chaos theoretical indexes with passage of time, and collectively evaluates and diagnoses the brain function.

1459827175-02c1da8d-d907-4656-8a63-ec2143e61a49

A method for facilitating VoIP communication between VoIP providers. The methods include manufacture of a bioresorbable dressing comprising a casing and bioresorbable microspheres in the form of a rope shape. Each of the MOS transistor devices includes a nitride cap and nitride sidewall spacers. 75 and water corresponding to 48. This arrangement makes it possible to reduce, while ensuring a wide process margin, the fluctuation of the potential of a terminal to be connected to a pixel electrode, to simplify the arrangement of signal lines, and to improve the aperture ratio.

1459827175-3fbc2666-cb6a-4c55-997e-ca0560001092

The device comprises an output gearwheel, a gear cover having a plastic sleeve open toward the output gearwheel and a park position switch having first contacts mounted for rotation and second contacts fixed to the gear cover and a driving means. The control drive comprises an electric actuator that acts on force-transmitting elements. The resulting extrudate features the therapeutic compound in an amorphous state. An optical conduit is arranged in a container for holding fluid. The surgical device's shaft can be configured to receive a flexible surgical instrument therein such that a working end of the surgical instrument can be received within the steering platform, thereby allowing movement of the surgical instrument's working end to be controlled through movement of the steering platform.

1459827175-ddf4dd65-e88f-4c6c-a7ff-784011b7f0ec

A camera module includes a lens holder, a lens module, an image sensor chip, and a printed circuit board. Once a result of the search has been obtained, a score is assigned to the obtained result in accordance with a predefined criterion. Each write buffer portion is dedicated to a predetermined block size category within a plurality of block size categories. Processes embodying aspects of the present invention may be beneficial for recovering a variety of metals such as copper, gold, silver, nickel, cobalt, molybdenum, zinc, rhenium, uranium, rare earth metals, and platinum group metals from any metal-bearing material, such as ores and concentrates. Between the annular region and the second circular blank plate there is formed a circumferential groove in which the first circular blank plate is retained for rotation. The parent proxy provides at least a portion of the results of executing the request to a child proxy, which in turn determines what, if any, content within the results should be sent to the web browser rendering the parent web page.



1459827176-2d243931-cbc9-4f5c-a4d7-4488f0e0d1cb

A data store includes at least one adjustment factor. The moveable trigger rotates about a pivot or hinge point on the body and is biased by engagement with the valve stem or an additional spring return into a neutral unactuated position where the product is not dispensed. Upon interrupt, each processor reads the contents of the register and responds by adjusting its local clock rate synchronously with the other processors. The multi-level data, to which the error correction block is added, are recorded in an information recording medium. Energetic ions are generated by accelerating ions of the plasma toward a substrate in the chamber in response to the amplitude of the DC pulse during the on-time.

1459827176-89560f8f-81a5-4013-93c4-cdb499ba84b6

A method for creating and editing an XML-based speech synthesis document for input to a text-to-speech engine is provided. When a terminal senses that it is located at the boundary of a WCDMA during a WCDMA communication service, it transitions to a first state. A carbide section is fixed to the working face and positioned within a pocket disposed within an inverted cone of the working face.

1459827176-b1d75fd0-d6e7-431d-b98e-f014e6f34e06

A roof rack assembly includes a first roof rail and a second roof rail spaced a first distance from one another on the vehicle roof. According to the invention a vibration behavior of component is determined, wherein to each of the positions having vibration amplitudes, which exceed a preset threshold value, an attenuation element is locally mounted, which is formed as a multilayered adhesive element including a support layer and a self-adhesive damping mass. The gateway software includes device communications software for sending and receiving device messages to and from the one or more embedded devices and gateway communications software for sending and receiving communications to other software.

1459827176-d9142fc4-e609-4b82-8715-60e802886477

A method and architecture for face detection under varying light conditions, tilt levels, different color characteristics of faces in a digital image are disclosed. The resultant fractal element may rely upon an opening angle for performance, and is more compact than non-Euclidean ground counterpoise elements or the like. The protective panel securing hardware secures the protective panel to the adjustable mount and to extend in an upwards direction from the adjustable mount. The multi-container bundle already contains all the individual components which are required for a defined mixed beverage and are present in metered form in the individual containers.

1459827177-5078ed97-8d70-414e-8463-b70f1b7369cc

A method of browsing an ordered set of items on a display device is disclosed. The target device may include processing circuitry to generate a random number, to determine if the random number is in the first set, to generate a random value, and to randomly select a time slot. The card comprises a browser which interacts with the server and which can be triggered by selection in the mobile terminal or remotely by the server. The door is at least partially supporting a predetermined amount of product and is positioned between a movable distance of the plate. Such polycarbonate polyol compositions are useful in thermosetting applications for the production of coatings for consumer products. The detector can detect a parameter of the hot edge ring and can provide a detected signal based on the detected parameter.

1459827177-872f862a-13cf-4d3b-9c46-5eb0cb7c4ce5

A measuring instrument is fed with a video output signal, and performs RGB processing on the video output signal to generate graphic data. A Java module is executed on a server, where the Java module includes at least one original entity bean and at least one original state object in communication with the original

entity bean. The method further includes forming a gate structure in the active channel region formed from the stressed Si layer. The control member has a plurality of arms for pivotally mounting control member.

1459827178-86a5e471-4f26-4b64-911c-919154da052a

A method for controlling a reply signal transmission in a mobile communication system. Information received within a validity window may be treated as correctly received even if the frame fails a subsequent verification process or if reception of the frame is terminated prior to the end of the frame. Furthermore, techniques are disclosed which enable delaying the loading and initialization of components until such time as a class in the component is actually needed, thereby improving overall efficiency of the system. The stapler also includes an actuating assembly adapted for discharging the at least one staple through the exit area and a displacement mechanism in operative association with the staple housing near the exit area. A clock is outputted depending upon a result of comparison by the comparator. The strap-length adjuster includes openings that permit the attachment of a tether to the strap keeper.

1459827178-9c0e6323-9961-4c05-8962-c5bcf248c76b

A method and apparatus is provided for improving integrity in data representing a plurality of condition states of a variable, including the steps of determining which condition states are operationally incompatible with one another, and generating an array of transformed integer values including a separate integer value for each condition state. The towmotor includes a first lever pivotally connected to a rear panel of the towmotor. A first power rail extends along the first boundary. The support plate also includes a deflection plate that is positioned vertically above at least one support plate aperture that extends through the base plate. More particularly, the invention relates to single step procedure involving Corey-Chaykovsky reaction and in-situ CO<sub>2</sub> insertion.

1459827178-f331cd17-1573-4dbe-9d0b-9515147e905f

A display adapter for a digital connector and an analog connector. In the apparatus, an emitter generates a light and radiates the light into a transfer system. Selection of a specific configuration database preferably is based at least in part upon patient-specific information obtained from any location in a distributed hospital network. The gear is rotatable with the first and second position determining portions coupled to each other. In one embodiment, sputter deposition is utilized to produce these coatings.

1459827179-cf3ec3de-03a1-47c6-ad99-b5662cbae3dd

An optical element manufacturing method includes: disposing a light-shielding layer that includes at least an Si layer as an uppermost layer, on a substrate used as a base member, forming an optical aperture at the light-shielding layer and forming a fine recession/projection structure at a surface of the uppermost layer through dry etching. M&N HS-DSCH channelization codes are allocated upon request by a RNC such that a node B can service UE's. When the targeted storage unit is currently available, the method continues with the processing module sending the rebuilt encoded data slice to the targeted storage unit and recording storage of the rebuilt encoded data slice by the targeted storage unit. The conditioned signal is then provided to an input stage of a linearizer that generates a set of exponentially related signals.

1459827180-e3f2186b-2da2-4b80-97e9-8261c5f364c0

The disclosed methods and apparatus relate generally to the electronics media industry, such as cable television, home shopping services, on-line computer services and computer memory applications. One version of the receptacle provides that the receptacle is in the open position as a fastener element is dropped therein. The molten active agent mixture is then suspended and homogenized in a hydrophilic or lipophilic carrier to form microparticles suspended in the

hydrophilic or lipophilic carrier. Between the n-type GaN substrate 1 and the submount 102 is laid a metal film having a thickness of from 1 to 50  $\mu\text{m}$ . The system would be turned to a high flow rate whenever the tanks are receiving product. The OSD system has a video graphics bypass path and graphics bypass switch for directing an analog video channel around the OSD subsystem during time intervals when the OSD subsystem is not required to insert graphics into the source signal.

1459827181-7777712a-4cad-4aba-8bfd-9e59df02659a

An HARQ method for guaranteeing a QoS in a wireless communication system is provided. The racket frame also comprises a self-powered piezoelectric damping system for damping vibrations of the racket during play. Additionally, the protocols enable two or more identical encryptable objects to be processed with different encryption keys, yet be stored in a manner so that the total required storage space is proportional to the space that is required to store a single encryptable object, plus a constant amount for each distinct encryption key. An indicator detects the machine's current work function and updates the data in the database based on the current work function.

1459827181-ebf808d7-24ab-4156-9766-0cd463f0c03b

A soil moisture sensor has a cylindrical body of transparent cyclic olefin polymer. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing TWIK nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a TWIK gene has been introduced or disrupted. During collapsing, the first lens group and the second lens group adjacent to the object side are transferred to a side of a CCD which is away from the optical axis and a focus driving mechanism drives the third lens group along the optical axis. The differential polarization delay unit includes a polarization beam splitter element and a first and a second birefringent optical waveguide. The service automatically performs unit conversions and selects relevant, previously observed values before evaluating a proposition when new data is available. The PIFA further may have another radiator, which resonates in the upper operation band.

1459827182-0efd60ed-4101-4cb5-b4d1-18fce4c377eb

A digitizing analog front end using mixed technology on a single substrate is described. The socket assembly is comprised of a plurality of two-sided plates joined vertically in a horizontal stack, wherein each plate has a die socket for the removable insertion of a bare semiconductor die. An electronic processing unit receives the signals coming from the camera and processes them according to different processing algorithms for detecting various categories of defects, specifically small defects, medium defects, and large defects. The emitters and the detector are disposed proximate the sensor head.

1459827182-4c137e6a-4cc3-4a7b-819f-727274b0a52e

A hopper car has arcuate side sheets that are bent over the forming members of the structure to give a generally outwardly bulging shape. The movable barrier operator is operable to move a movable barrier from an open to a closed position. The PMOS has a first doped region formed below a P guard ring of the PMOS and a well pick-up of the PMOS. The protection tape is wrapped around the primary winding and the secondary winding.

1459827182-95ec268a-3f11-4831-84a2-4e038accedf1

Configuration information representing the configuration elements of a client PC or the like on a network is compared with initial configuration information. The enclosure includes a bottom wall. Here, time for establishing connection with a new wireless game controller is reserved within each communication cycle, thereby allowing new users to join the game. of about 60,000 cps or less, and a bromine content of at least about 43 wt %.

1459827182-b6963e07-b962-4274-965e-357dd8ac20e8

Perpendicular magnetic recording media and methods of fabricating perpendicular magnetic recording media are described. The transmission includes a plurality of gear sets each having a plurality of nodes, an input member that is continuously connected to the engine and to a node of one of the gear sets, a reverse clutch, a binary clutch assembly, and a controller. Upon firing of the assembled lead frame and electrical components, the electrical components are concurrently terminated, and provided with strongly secured leads. The monomers are selected such that the polyimide backbone includes at least one non-terminal attachment point. The organic polymer is a hydrosoluble polymer that is at least partially cationic. The plug is installed in the \u201cas molded\u201d configuration with the inner wall and diaphragm upward; and upon any expansion of the volume of the water within the globe, the diaphragm flexes and can be inverted downward about the annular base to compensate for the variation in the volume, while the supports remain fixed supporting the ornament within the container.

1459827182-f6297b76-3590-4179-b496-a796777a7aff

A display controller displays an image of a high resolution output from 13-Segment decoder on a main screen area of a display unit and displays an image of the standard resolution output from a single-Segment decoder on a subsidiary screen area of the display unit. In the case of an ultra-dense wavelength division multiplexing device, a wavelength division multiplexing device is used for combining at least one plurality of monochromatic optical beams into a corresponding at least one single, multiplexed, polychromatic optical beam, wherein the wavelength division multiplexing device has an input element and an output element. In low frequency ranges, differential microphone signals directed towards left and right are produced to determine lateral useful and noise sound levels using two directional signals.

1459827183-4322065f-34c4-43f7-a9af-edc32e48e45f

A deburring tool having an indexable cutting insert having four cutting edges. Pharmaceutical compositions are also provided that are useful therapies for the treatment of neurological, immunological, and viral-mediated disorders in warm-blooded mammals. A novel rule update algorithm allows new classifier rules to be added into the data structure incrementally.

1459827183-5f944ec4-e9dc-4ebb-87ac-181b75ebaa24

The invention provides a multi-piece solid golf ball having a rubber-based core encased by, in order, an intermediate layer and a cover. An absorbent body includes a plurality of fingerlings extending outwardly from a front side of the absorbent body. Additionally, post processing may be performed on GDS layers to provide a realistic fill of the empty space so as to resemble structural elements found in a functional circuit. Thereafter, for each entry, the distance DRT between the reception location and the transmitter is estimated, and the distance DRR between the reception location thereof and an adjacent reception location is also estimated.

1459827183-6e7870df-fb2d-407a-a8b1-746815b92fdb

A spin valve type magnetoresistive effect element for vertical electric conduction includes a magnetoresistive effect film in which a resistance adjustment layer made of a material containing conductive carriers not more than  $10^{22}\text{cm}^{-3}$  is inserted. The processing elements 400 are provided in one to one correspondence with the photodetectors 120. A condenser fan is mounted for rotation in an opening in the top wall of the enclosure and is axially aligned along the central axis of the enclosure along with the fan motor which is suspended inside the enclosure beneath the fan. The invention utilizes a list-based processing method of generating and executing diagnostic scripts.

1459827184-4126355a-2c2c-4cfc-a4d7-abd3a7a7091f

A digital camera is constructed with multiple lenses mounted in a pair of tubular elements which are nested together for relative axial movement. The security gateway also receives attributes of the rejected messages that triggered the rules. A teething nipple 38 and 39 with a dispensing cavity 40 governed by an attached baffle 41 which restricts the flow of liquids and said baffle 41 designed to hold a drinking straw if so desired without spilling contents of bottle when inverted. The hollow is formed in an area where the semiconductor element is not formed.

1459827184-b5a381fa-a188-422a-9be4-21b30d7f3f4a

A method for preparing and cutting the radial and carpal bones to receive a prosthetic wrist during a total wrist arthroplasty. The incandescent light sources are located in the container. A controller configures the aforementioned devices of the MPSD to detect communications using different protocols based on a scan Look Up Table. In both instances, the towing vehicle may resume movement clear of the towing vehicle. From a viewpoint that the dimensionless effective thermal diffusivity  $kef^*$  of the COSMOS type heat pipe has a larger range in the modified Womersley number than that of the dream type heat pipe, the modified Womersley number is 0.

1459827184-c4a222c7-d902-49cf-bed0-2301c947f0e0

A family of semiconductor devices is formed in a substrate that contains no epitaxial layer. The audio output unit is fixed to the cylindrical portion such that another face is in contact with an end face of the one end of the cylindrical portion. The number of texture samples is reduced based on the mip map level weight. An alarm of any type can be used with the vent mechanism for indicating when the skimmer basket is substantially blocked by debris by generating of an alarm condition responsive to airflow through the vent. The comparator compares the first reference voltage with a second reference voltage to generate the enable signal, and can assert the enable signal when the desired output supply voltage exceeds the maximum possible intermediate supply voltage generated by the first stage voltage pump. The radio may also be enclosed in a hut while the cross-connect system is enclosed in a cabinet.

1459827185-13ac1cbf-43d9-493e-98a4-f4baf04e857b

A system for detecting electrolysis in an automobile system includes a probe, a microcontroller electrically coupled to the probe, a power supply configured to supply power to the microcontroller, a ground lead, and an optical indicator operationally coupled to the microcontroller. Wheels are rotatably attached to a lower portion of the body, and a handle is attached to an upper portion of the body. In this embodiment, different types of mail processing devices can use the common sorter application software to communicate with the same or different identification code servers. An elastic body is filled in a recess portion and closely contacted with the weight material, whereby the vibration of the sole portion is absorbed by the elastic body. The ferroelectric liquid crystal layers react to different electric field to conduct an in-plane driving of liquid crystal molecules in the nematic liquid crystal layer. The alignment opening has a width, while the tabs have a thickness that is greater than zero and less than the width.

1459827185-46cdb3eb-0b66-4213-bfdc-b6a747d7b14d

A scanning probe microscopy head may include a base portion, cantilevers coupled to the base portion, and at least one tip coupled to each of the cantilevers. The invention also features methods of producing an active fraction from an extract of *Cimicifuga*. The binding resins are thermoplastic polymeric materials and the step of bringing the binding resins to the fluid phase takes place by melting of the binding resins. When the locking pin is removed, the worm drive controls the swiveling of the horse head member in either direction towards either side of the working beam.

1459827185-52f156af-273a-4804-a18a-0fe5cc41e8c8

A semiconductor device comprises active and termination regions formed in a semiconductor substrate. Hydrocarbons or other substances natural to a hydrocarbonaceous formation may be produced by heating specific chemical compositions with or without the use of a carrier medium. Capsule runtime software manages the dynamic state of the encapsulated application, and re-directs system service requests generated by the application and associated processes from OS-provided system objects to corresponding object libraries provided within the capsule object set, so that any malware induced changes remain local to the capsule. A second air stream is then directed through the air treatment module to a location outside of the inside space.

1459827185-a09e97ee-d92e-4620-addd-378fd92a6665

A three dimensional stacked nonvolatile semiconductor memory according to an example of the present invention includes a memory cell array comprised of first and second blocks. The method includes sliding the zipper into position in a punch housing and punching a guide notch into the zipper. In one embodiment, a configurable parameter storage unit comprising a parameter storage area configurable so as to store a plurality of parameters at least partially defining a desired plurality of waveform hierarchy elements, where the desired plurality of waveform hierarchy elements enable the definition of a waveform.

1459827186-906e2fa9-3e87-4426-bfe1-ffca1ea8554e

An exemplary piezoelectric driving module includes a movable barrel, a fixed barrel receiving the movable barrel, a piezoelectric actuator, and a spring member. The polar expansions are connected through a ferromagnetic circuit and respective cores around which solenoids are arranged. A difference between readings from the first pressure sensor and the remote pressure sensor approximates intraocular pressure. The database of geographic locations may be stored in a central location or, alternatively, may be at least partially located at the web site.

1459827186-a27ef17e-9ffa-44b1-90cf-25d9f638e6b4

An article aligning apparatus for aligning a plurality article tiers to be loaded into a carton. In accordance with one embodiment, low-performing turbines are identified from among pairs of turbines and based upon a comparison of the observed and expected performance of the turbines within each pair. The positioning member includes a sidewall plate having a plurality of holes formed therethrough. The emitter electrode is a flip-chip bump, and the heat sink is a metal layer that sandwiches the HBT with the substrate. An inner knockout tooling is connected to the second ram. The systematic orientation of the bodies relative to the temperature gradient can allow for an average deviation of a measured shape of the ceramic bodies from a predetermined target contour shape to be less than what they would be if the bodies were oriented randomly relative to the temperature gradient.

1459827186-ab5c3ad5-d58a-4c8d-a8fc-60c6f6bd6ff1

A system and method that provides remotely generate facsimile printouts of Web page content, without having to attach a printer or facsimile machine to the device. The locking element is inserted through an anatomic vessel or hollow organ wall and the implant from outside of the vessel or hollow organ. A additive process is also disclosed wherein a thin magnetic seed layer is deposited on the substrate, a portion of which is removed by conventional lithography and replaced with a non-magnetic conducting layer. Apex heat also provides for the rapid release of wipers frozen to a windshield.

1459827186-c87b86cf-c99e-426b-8b1b-b8f3210652bc

When data is encrypted and stored for a long time, encryption key and/or algorithm should be updated so as not to be compromised due to malicious attack. The lock is equipped with an electronic activation device on its exterior housing and a door lever on its internal housing. The implement consists of a rectangular block having

a rubber sheet overlying its bottom surface with the sheet being fastened to the longitudinal side surfaces of the block. The same motor drives a vacuum pump via a second freewheel in the other rotational direction.

1459827187-22ca178c-cc16-48aa-a72a-09832ab3d1df

A white noise generator comprising a MOSFET operated in its linear region and having zero source-drain DC bias current. The hydraulic hose includes a connectable end, a distal end, a center passageway extending between the connectable and distal ends, and an abutment part extending radially from an outer surface of the hydraulic hose adjacent the connectable end of the hydraulic hose. Methods of securing the surgical fastener to an anatomical structure are disclosed herein. The base station and the mobile stations communicate with each other using frames.

1459827187-59584cd1-6c3f-4b96-9e76-c392f0a70553

This invention provides a control device for automobile battery-charging generators, adapted to supply a plurality of sets of specifications in a highly reliable and stable form by simple switching between electrical characteristics assigning and limiting functions so as to meet various needs of users. 3D\_PL\_type indicates the type of a PlayList. Both longitudinal and rotary motions may be imparted to the cables, thereby allowing a wide range of resulting movements of the attached puppet part. That is, there is little deterioration in characteristics caused by a machining error or the like, and hence it becomes possible to effect mass production and cost reductions. The management server is configured to migrate the profile for use by a device in a bay of the second enclosure.

1459827187-59e93df0-fc93-4a6a-8921-1b9c07e96212

An adjustable height housing enables a thermostatic mixing valve with a dial permitting manual control of bathtub shower water temperature to be vertically mounted in a horizontal bathtub deck. A film or sheet comprises or is produced from the PCM composition and the film or sheet can be a single layer or multilayer structure. A source region is formed in the substrate between the pair of source select transistors. The telephone can also present particular transfer rings when transferred indicating that the call being transferred is from a caller belonging to a particular call-in group, or provide unique voice mail rings when a member of a call-in group leaves voice mail. The RF measurement device provides the AC RF electrical signal power required to pass through the at least one AC couple splitter to operate the plurality of RFID devices, and includes means to identify the unique identification numbers associated with the plurality of coaxial cables from the plurality of identification signals received simultaneously. Once the one or more inconsistencies are determined, one or more operations reconciling the inconsistencies are defined in order to stabilize the distributed system.

1459827187-cbd5f721-9145-4895-92aa-bf3bf355dd2b

In an interlayer insulating layer, upper surface portions in edge regions near banks are located higher than an upper surface portion in a central region. These reinforcing bars provide excellent tensile reinforcement, and do not exhibit the corrosion problems of conventional steel reinforcing bars. The method includes positioning a first capacitive coupling a first time delay away from the capacitive coupling of the plug, the first capacitive coupling having a greater magnitude and an opposite polarity as compared to the capacitive coupling of the plug. In the latter case, the respective original correction value is again placed in the table of correction values. The data from the sensors may be fed into a digital processor to process the sensed data and derive a signal indicative of the wearer's head motion or position. The piece of furniture may include an interface for connection to a mobile device, wherein the control unit is adapted to disconnect the power supply to the at least one power consuming device when a mobile device is not connected to the furniture arrangement via the interface.

1459827187-e2f55d85-18d1-4e91-b867-b2eba3c99aeb

A device and method for stretching, toning and strengthening the chest, shoulder, neck and upper back muscles of a patient thereby relieving pain and improving posture. At least selected modular units can have a wireless communication port. In response to receiving the identification of the session, an audio file is created on a storage medium. Further, the cable may have wires that may be configured to electrically connect to electrical terminals of the electrical connector.

1459827188-05b8ba1d-4c66-4d3d-96ce-9912d4f42a8b

An ALC circuit is turned on, a nozzle is shifted to a sampling position, and after the ALC circuit has been turned off, the nozzle is allowed to start discharging air from its tip. Before taking the first network port offline, processing any pending packet tag for the first network port. A logic control block, which is powered by VDD and VSS sources, controls the state of switches used to sample and store differential signals. The pushing device is mounted slidably in the holding device and has a pivoting staple-supporting device.

1459827188-32918b83-f95e-4d7d-86ce-96de9c58196d

A network test instrument for singlemode and multimode OTDR testing employs an optical topology providing for combined singlemode and multimode use of a detector for reduced cost and instrument size. A data processing method for organizing, analyzing, recording, storing, and reporting research results, comprising the steps of: . The system automates process that was previously performed manually by an engineer or technician. The funnel is confined into a relatively small storage space and the funnel is compressed when a cap releasably engages the base. Specifically disclosed is a process for producing nitroisourea derivatives represented by the following general formula, which is characterized in that nitroisourea derivatives represented by the following general formula and amines represented by the following general formula or a salt thereof are reacted in the presence of a catalytic amount of a hydrogen carbonate, . Thereafter, specified water chemistry residual ranges are maintained in the aqueous system to achieve inhibition of scale and corrosion.

1459827188-79f4e7bf-9e37-4eb7-a392-bd662dd7ac57

A panoramic image is generated from a sequence of input frames captured by a camera that translates relative to a scene having at least two points at different distances from the camera. The system can include a buried ground source heat pump, a heat exchanger, and a ground loop circuit buried to a depth below the regional frost line. However, the protocol need not be limited to email, and may be applicable to other electronic message applications. The valve may be constructed to be either slidable or rotatable between the two positions, and is actuated by a gearing arrangement which is operable at the exterior of the nozzle housing.

1459827188-db344bd2-b772-4ca4-bdf9-f90e08c6610d

Methods, systems, and devices are disclosed for reducing bandwidth consumption in a switched broadcast multimedia distribution system. The bracket includes a body having a groove for receiving an archwire, a slide for moving from an open position to a closed position to thereby capture the archwire, and a spring slidably engageable in the slide in either a passive or an active position. The multiservice network may be managed by a configuration manager for Internet telephony. The notification may assist a driver in, for example, learning features of the vehicle, improving efficiency, or in many other ways. The data acquired at the different kVps are then utilized to generate material decomposition images of the cyclically moving body part.

1459827189-6015bcc9-9afa-457c-9b49-1155a05f3899

An apparatus for an improved operational amplifier. The awards are covered, prior to play, with one or more removable cover members such as flaps or scratch off seals. When the U-shaped end portions clear the bottom wall of the tub, they resiliently spring inward into supporting positions under the bottom wall. The base



of the ball-holding fork comprises a single leg with a small swivel ball. The support inhibits relative movement between the carriage and a skateholder in a direction parallel to said path.

1459827189-6efbef1d-5e9f-4f08-b5dc-175ef4ff29b9

A bumper structure for a motor vehicle includes a cross member, and a crash box placed between the cross member and a longitudinal member, with the crash box having an attachment zone. The refractive lens system from its intermediate image side and in the direction of its image plane has a first lens group of positive refractive power, a second lens group of negative refractive power, a third lens group of positive refractive power, a fourth lens group of negative refractive power, and a fifth lens group of positive refractive power. The hydraulic motor, in turn, drives an electric generator that produced electric energy.

1459827190-14b8aa07-a96f-4beb-b3dc-966c861d9ab5

A system, apparatus, and method for providing a soft-start for a toy vehicle configured to be operated by a person. It is used in a process of dimerization, codimerization or oligomerization of olefins. The mapping change at regular intervals, or upon the occurrence of specified events, and with each change, the communicating the remote source is provided with a different mapped address to be used. In particular, provided are methods for the production of copper monoethanolamine aqueous solutions from metallic copper and monoethanolamine. And a cone shaped rubber squeegee will automatically remove oil from the outside of the tubing as the dipstick is withdrawn from the crankcase.

1459827190-3afbdf99-8fdc-4748-b125-91928877ab62

A multi-conductor medical electrical lead comprises a connector located at a proximal end of the lead, one or more electrodes located at a distal end of the lead and a co-radial multi-conductor coil connecting the connector with the electrode, wherein the coil has a lead body region with co-radially wound conductors and has an inductance greater than or equal to approximately 1. The intervertebral implant can include a first component. The current regulation circuit includes a switching device connected in series with the second-secondary winding. In particular, the eyedrop medicament consists of \u03b1-tocopheryl acetate; \u03b1-tocopheryl acetate and about 0. A user shifts the position of the projection lens unit with his or her fingers laid on the pipe-shaped projection and the projection lens unit. The second reflective layer reflects light with a wavelength longer than that of the light reflected by the first reflective layer.

1459827190-4298aaaf-a14b-4cd7-9d67-aa323631fa2d

A method and apparatus is provided for coloring a caulking material to match colored grout, or other construction materials. Sand is pneumatically blown horizontally from sand magazines through opposing ends of the cope and drag flasks toward the matchplate. Each pixel is connected to the individually independent capacitor wiring via a dielectric. The middle portion has a curvature such that an angle is formed between the first end portion and the second end portion, wherein the angle is substantially anatomically correct with respect to the particular joint, such as the proximal interphalangeal joint. When the correlation engine switches from the first candidate to the second one, the stored status is loaded in the code generator, and the small misalignment between the code generator and the desired sequence is corrected, thus setting it at the needed point in phase space.

1459827190-9b03dfe6-4aa3-4785-8238-7a76bbd39405

A transducer package 20 includes a substrate 32 having a first axis of symmetry 36 and a second axis of symmetry 38 arranged orthogonal to the first axis of symmetry 36. In a towing position the tow bar couples the trailer to a moving vehicle such as a bicycle. The apparatus further includes an electrical contact device positioned on the substrate engaging surface, the electrical contact device including a plurality of radially spaced electrically conductive members configured

to electrically communicate with the non-production surface of the substrate positioned on the substrate engaging surface.

1459827190-c554d816-805a-4701-bae9-93703c879d9d

A slide out tray is housed in a rigid sleeve attached to an inside of a purse. Thus, simple and accurate manufacture as well as simple integration of, for example, a driving circuit can be achieved. The porous structure may comprise a first side coupled to the reservoir and a second side to couple to the patient to release the therapeutic agent. The inter-connected pores are disposed throughout the complete radial wall thickness of the screw body from an outer surface of the screw body to an inner surface thereof within the cannula, such as to permit bone in-growth through the complete radial wall thickness of the annular screw body. The invention has the features of approximate ASIC timing by conditional write-back with the compiler support for the conditional write-back, condition resolved just before write-back, software selective conditional issue and conditional write-back modes, and without hardware interlockdependence checking for the VLIW processor.

1459827190-ff6e393b-bffb-4bdb-99de-31aab14866af

A lockable retractable locating frame of a BGA on-top test socket includes a push-and-lock mechanism that further comprises an accommodation room, a slider, and a sliding slot for riding the slider. In order to provide an improved toothbrush which cleans the teeth more effectively and at the same time more gently, it is provided according to the invention that the wings form a wedge, by being connected together at one end and distanced from each other at the other end. Use of their diluted solutions, in particular for the lubrication of bottles on conveyor lines. A third enhancement allows the user to view an manipulate the feed in an independent display window. The first arc discharge heating is performed between discharge electrodes positioned rearward of the end surface of the holey optical fiber. The method includes the steps of sequentially forming a gate dielectric layer, a poly-silicon layer, a titanium layer, and a WNX layer on a semiconductor substrate, carrying out a rapid thermal annealing in a nitrogen ambient, forming a silicon nitride layer on the tungsten layer, and patterning the multilayer thin-film structure into a predetermined configuration.

1459827191-6763ae96-ef81-4aac-8a85-ef16f669ca84

The aim of the invention is to regulate the braking torque in a drive train comprising an internal combustion engine and a gearbox unit which can be coupled to the same, using a regulatable clutch. The boot may be provided with at least two independent lacing zones, the tensions of which are separately adjustable by the wearer. A method of reducing wear on a hold open rod may be provided. Through using elastic extension device to assist steel beads of first plug and second plug to position in or detach from positioning hole, retractable pulling rod is extended or retracted smoothly. A mapping assembly is mounted at the distal end of the catheter body and comprises at least two flexible spines.

1459827191-d1625c17-652f-40f7-8231-8af4feb8c656

A recessed, adjustable, low voltage track light is shown comprising a recess housing made of any suitable material, and having one or more low voltage lighting rails fixed, or adjustably mounted, within the housing. The catheter comprises an elongated tubular catheter body having an outer wall, proximal and distal ends, and at least one lumen extending therethrough. The flash layer and the capping layer can be formed using an atomic layer deposition technique. A time difference corresponding to a difference in critical delay times is then obtained as the memory access time of the semiconductor integrated circuit device 10. The exterior surface of the tubular body may have a texture selected to provide the desired adhesion between the tape and the body surface of the cylindrical body. The circuit is applicable to improving load regulation of a power supply.

1459827191-defe1827-4082-4280-a59d-ff1ea807de56

A system and method for collecting distending medium or other fluids discharged during surgical procedures is shown. Functional groups on the polymer precursor undergo covalent bonding in situ to form a solid and nonbiodegradable material having a swellability less than about 20% vv and a Young's modulus of at least about 100 kPa within about 30 seconds to about 30 minutes of initiating a chemical reaction of the functional groups to form the solid material. A single-pinion differential gear unit within the transfer case provides for unequally dividing drive torque between the front and rear propshafts.

1459827192-67f94de4-ef8e-480d-bb9b-f960c8d1a90a

The invention relates to a control valve for controlling the pressure and flow of hydraulic oil from or to the working connections of a consumer. The first interactive document has a corresponding page description stored in one of a plurality of servers. The RF feed may be coupled to a waveguide cavity having radiation elements coupled to top surface thereof, to thereby feed an antenna array. The heat dissipation layer is connected to the heating layer. Upon activation of an external lever or knob, a dispensing assembly acts to push a pair of dispensing members inwardly to squeeze and push down the lowest object in the stack to be dispensed into a cavity and retrieved through a frontal opening of the base.

1459827192-8b0520ee-394c-42b9-8b39-639b5f5a3f26

The immunoassay element for quantitatively analyzing an antigen by determining the change in enzymatic activity of an enzyme-labelled antigen or antibody caused by an immunological reaction. At least one security administrator CPU is communicably attached to a virtual tape management CPU. A system may include a system board and/or a die package mounted on the system board. A throttling and regulating element can rotate relative to the support plate about the axis and can move in the direction of the axis. Each printhead is oriented obliquely with respect to the longitudinal axis of the chassis.

1459827192-998502ac-ddbe-4221-a6b1-69e15322dd8b

An automatic flow restrictor includes a movement sensor that detects undesired movement of a firefighting apparatus relative to a support surface and automatically reduces the flow of fluid through the apparatus to thereby reduce reaction forces acting upon the apparatus. A device surveys the current location of the device for existing base stations and stores a corresponding network environment profile. The second contact point is provided on the detent. Subsequently, system relevancies of the picture data sets are calculated, based on the decision function  $f$ . Each of the multiple test sequences includes a different set of contextual phones surrounding the particular phone. The image transfer sheet comprises a release layer and a polymer layer.

1459827192-eb02f47d-6cdf-4b7a-87de-734af19782bd

A method, apparatus and system are provided for enhancing port multipliers. Complete encryption of the address book create interference with the send function in that before any E-mail function may be started, the address book must be accessed and decrypted even when the E-mail being sent does involve the address book. The superconducting magnet can be produced by a process comprising the steps of providing the artificial hole in the high-temperature bulk superconductor, disposing the heat conducting metal material in at least the artificial hole, applying a process of impregnating and filling up at least the artificial hole with the low melting metal, and subsequently, executing a process of magnetizing.

1459827193-192325e1-b884-4aba-a0b1-268850c7cf54

An electrical contact device is provided for electrically grounding an uninsulated end-portion of insulated wire stored on a spool driven by a device comprises the following. The skin care composition is readily transferable to the skin via normal contact, wearer motion, and/or body heat. Alternatively, the device stores test data

in addition to or instead of the test key set. The first clock pulse stream is fed to a second mode-locked laser diode to produce a second clock pulse stream of wavelength  $\theta$  which is synchronized to the first clock pulse stream. Jitter is determined by beginning a timer when a first data packet of an RTP data flow is received by the first endpoint; stopping the timer when a second data packet of the RTP data flow is received by the first endpoint; and, adding measured time from the beginning of the timer to the stopping of the timer to an aggregate to obtain the jitter for the RTP data flow. Separate battery packs having external control switches for selecting levels of vibration are installed so as to be on each side of the back of the animal.

1459827193-4d28b3a5-a9e6-4e9f-a851-c88962ab5f90

This invention is directed to EP4 receptor selective prostaglandin agonists of the Formula I, . The limit portion encloses an area with a predetermined figure. The chamber has an annular radiant source disposed between a processing location and a transportation location of the chamber. The OTP device has at least one OTP element coupled to at least one diode in a memory cell. The inner member of the telescoping ventilator may house the exhaust fans and may move up or down without the use of mechanical switches for elevation detection and stopping.

1459827193-5b7ae4bf-e7d9-4e35-a8d2-bcb8d26f4ce5

A method and device for supporting a driver of a motor vehicle during a driving maneuver during which longitudinal guidance and/or lateral guidance is/are performed in an automated manner. The STB demodulates program data from a program signal received over a communication channel and generates a STB graphical user interface. Each phase rectifier may be supplied with n unique sets of phase inputs from a transformer secondary winding. The first operational mode also permits an operator to review the pages with the second cylinder first image and the second cylinder second image at the same time and to alter the registration of the second image cylinder providing the second cylinder first image and second cylinder second image. The stabilizing apparatus includes a stabilizing element and a moving arm attached to the stabilizing element and the mining machine for raising the stabilizing element above and lowering the stabilizing element into contact with a mine floor. An approach is also described for improving cross-references for cross-coupled objects.

1459827193-85254c7a-d48a-4e6f-a1c0-15c80d6c7c8d

A computer having an operating system is connected to a first memory. Such liquid-phase oxidation is carried out in a bubble column reactor that provides for a highly efficient reaction at relatively low temperatures. The lockup link is also provided with a slot having a hook. The method also includes rendering the corrected map data to display the map on a display of the wireless communications device.

1459827193-903d35a0-a134-4fdb-835e-bca006e361e9

A radio-frequency identification tag is provided that comprises an RFID inlay having a read range. The carrier comprises a carrier surface having a protection-layered disposing zone. The reflecting dots are selected from those located closer to the reference angular direction until they reach a predetermined number, thereby forming a target model.

1459827194-20db70f4-5051-4c34-8b98-220a5a45df94

A vibration dampening system for a motor shaft in an electric submersible pump ESP uses axially extending arms in one or opposed directions from a fixed portion of a motor shaft bearing. The optical waveguide, consisting of a core section serving as a transmission medium of an optical signal and a cladding section surrounding the core section, is formed on a semiconductor substrate. Impulse signals from the antennae are measured to determine the time difference of arrival of one such signal received by one antenna compared to that of the other antenna. The jaw

support comprises a base, a jaw mount having spaced apart flanges and a contact arm.

1459827194-de2566fa-6cf9-4c0e-b31f-36ace77230c5

A mobile telephone includes an active-pixel sensor in conjunction with a DSP chipset and a light source allowing the telephone to detect horizontal movement across a flat surface. A switching fabric includes one or more fast paths for handling lightweight, common data operations and at least one control path for handling other data operations. Once analysis is complete, identified source code is vectorized to implement identified saturationclipping operations utilizing single instruction, multiple data saturationclipping instructions.

1459827194-e7fd38a7-2529-447a-b02a-b9c32e99de35

A translation lookaside buffer of a computing device is a cache of virtual to physical memory address translations. The connection devices are arranged in pairs on main sides of the power semiconductor module. The outer section and the inner element are displaced away from one another by action of lost-motion spring elements and can be coupled together in an axially-distant relative position, whereby at least one piston, which is situated in a bore that runs transversally through the inner element, acts as a coupling element. In some examples, the measured statistics comprise measures of an energy from the initial portion of the speech utterance. Then, a usage measurement of the external memory is determined.

1459827194-ef001390-2938-490a-a530-e6355e5b2c28

A merchandise system for disposable absorbent articles is provided. The process comprises controlling a growth velocity,  $v$ , an average axial temperature gradient,  $G_0$ , and a cooling rate of the crystal from solidification to about 750\xb0 C. Onboard global positioning allows for channel updating by location, traffic information, geographic advertising and available similar content.

1459827195-1f99193a-568a-494e-9f7f-f82ada474069

An ink receiving substrate includes a substrate layer and organic modified silica dispensed on at least one surface of the support layer, wherein the organic modified silica includes inorganic particulates and silane coupling agents having guanidine or biguanidine functional groups. For example, a method of fabricating a solar cell includes forming an adhesion layer above an emitter region of a substrate. This can hold shading members to a totally closed position after shutoff of electric current through a coil and can stably achieve an appropriate position of the stator yoke in a rotation direction to eliminate the need for fixing the stator yoke with an adhesive or the like. In such circumstances, drainage of lubricant fluid from other feed pipes for other bearings does not siphon lubricant fluid from the feed pipe which may be subject to potential coking as a result of high temperatures and air. In addition, an advertising apparatus capable of motion sensitive illumination and 180\xb0 viewing includes an illumination source for illuminating the front side pieces, a motion sensor, for detecting motion of a potential customer, and a power source to power the advertising apparatus, wherein the illumination source and the motion sensor are coupled to the power source. The encrypted data is recorded the a recorder, where it is accessible to authorized users within the customer center.

1459827195-43028548-0009-4b66-855d-8e659fd24e51

Disclosed are a method and a system for determining top spreaders in high speed network. The starter includes a starter main body, a main electromagnetic switch, and an auxiliary electromagnetic switch. A fixed charge layer may extend over sourcedrain regions also.

1459827195-7ff19579-08e7-47e5-aa9f-4f3c40615e27

The present invention is a safety system for use in conjunction with a control bar for a kite wherein the two front lines are secured by a front line swivel

positioned between the bar and the kite. The optical scanner translates a beam of radiation to a stationary spot on a traveling sheet of material so that ample integration time within the spectrometer is achieved. The energy storage device further includes a plurality of cathodic materials. The main ashing may be preceded by a short surface treatment by a plasma of a hydrogen-containing reducing gas such as hydrogen and optional nitrogen. The fluid may undergo expansion as it passes through the openings.

1459827195-ac509b57-3d01-485b-a7ad-6d10ba970e31

A device includes a first member extending along an axis. It is possible to induce a magnetic flux efficiently within a magnetic head by using a granular magnetic film that exhibits both soft magnetic properties and a high resistance, which suppresses any shunt of the flow of the sense current into the magnetic yokes, thus preventing any deterioration insensitivity. The body has an inlet portion, an outlet portion, and a passage disposed between the inlet portion and the outlet portion. Consequently, the durability of the piezoelectric actuator is improved.

1459827195-e85ed967-cfc0-4480-aae9-7407f482d418

A warewashing detergent composition is provided according to the invention. The work function metal layer is located on a substrate. Projections are disposed on the branch legs and extend parallel or perpendicular to the cylindrical body.

1459827196-20de287e-ba6b-4fc5-94b0-82cefc61173c

Provided are a gasket, a reactor using the same for sealing a spiral, and a manufacturing method thereof. In the unlocked configuration, the reaming element is freely movable by the actuator between the reaming element inner and outer positions. In one embodiment, different filters or filter parameters are selected to match different signal characteristics of the host signal with the characteristics of the digital signal. Entries include access control values which identify whether the entry is valid and what access type operations may be performed on a corresponding portion of a storage device.

1459827196-31e6a167-39bc-4354-9cd8-c0b3c13b4b7a

The invention is a ventilator whose servo-controller adjusts the degree of support by adjusting the profile of the pressure waveform as well as the pressure modulation amplitude. A liquid crystal display using the polarizing plate shows high display quality without causing light leakage. The communication server comprises a memory, and a processor. A monoclonal antibody, or fragments thereof capable of inhibiting the binding of the cytokines IL-3, GM-CSF and IL-5 to the c receptor, and a hybridoma cell line producing the antibody are also claimed.

1459827196-e1d963c6-f8f5-4de1-910c-979158d83530

An anchor assembly is used with a medical device to engage the medical device against a body wall. The optical transmission line comprises, as a repeated transmission line disposed between stations, a single-mode optical fiber having a zero-dispersion wavelength in a 1. An end surface of the speaker assembly is exposed outwardly through the first opening and the second opening.

1459827196-f08e3b5f-fe7a-4539-9b8f-4ba4282ceb97

A fastener for securing a gas bag module to a steering wheel includes two fastening arms and a fastener part. The protective apparatus includes an outer casing, a fan panel, a connector panel, an internal box including the sensitive components and located within the outer casing, an internal housing contained within the internal box, and shock assemblies suspending the internal housing within the internal box. The single object model can interact with a tag many times, as necessary to complete an operation. This embodiment creates an inexpensive high performance tape ball grid array package for chip-scale devices.

1459827197-c0c700de-1433-4da9-bc2f-fda022c4d818

A dual-output Mach-Zehnder modulator and configurations of optical transmitters based on the MZM2 which obviate the optical splitter that is typically used to provide keep-alive functionality in redundantly-connected, protected optical networks, SONET add-drop multiplexers, and optical IP routers. A display driving circuit applicable to be used by the display unit is also provided. A first sensor is disposed adjacent to the chain to coincide with the position of the first marker. Also, surface roughness degradation in the {110} wafer can be suppressed. Methods of making the reactive tricalcium phosphate nanoparticles, the cement powder, the cement paste, and cured cement are also provided, as are methods and articles for using the cement.

1459827197-d866aaa3-c8e1-4d97-bbc0-862f91a36c95

Systems and methods for script injection are shown and described. The method may include etching a precursor structure formed of materials with differential removal rates for a given removal condition. Suggested operator actions may be displayed that might further enhance the scheduling of the altered aggregated event topology together with an automatic operator need prompt 608 that may inform an operator of a need for a particular action in order to accomplish the desired tasks. The phase detector may be a bang-bang phase detector specially adapted to detect single-bit transitions.

1459827198-212828d6-dc62-4892-a8b3-33ac4600c10f

A light-emitting device includes a plurality of pixels, a temperature-detection pixel, a temperature detector, an applied-current calculator, and a current applying unit disposed on a substrate. The control section supplies a given output for the heating device when the belt is rotated initially, measures an initial temperature distribution of the belt on basis of a signal from the plurality of detection devices, and controls the output to the heating device on the basis of the initial distribution to control the initial distribution of the belt in a given range. A piston coupled to the inner member is slidable and biased to move distally within the cylinder. Due to the photosensitive group of the monomers, the plurality of alignment molecules can be formed with an appropriated rate, and the alignment film formed thereby has homogeneity. The forecasts are compared to the target value of interest in each period.

1459827199-1c8acba6-ccba-438f-8160-0250f5f9f030

A composition for a removable top coating for protecting the exposed face of a temporary removable graphic is provided. Ducts are arranged at machine tool regions to be thermally conditioned. The solid state light source end-of-life indicator emits light at the end of the life of the lamp. The sales agents may then input past sales into the database and may input, qualify, modify and/or store future sales opportunities into the database.

1459827199-2a456068-39f9-405c-8d9e-9839270f73c7

A magnetic encoder for detecting for example movement of a continuous pipe, wire line, pipe joints, rod, etc. The MAC control layer of an EPON device is expanded, and additional messaging control is added via the transmission of Ethernet frames. Some sensing elements may further include an electrode made of LaO. The technique exploits the fact that many episodes of hypopnea begin with a sharp drop in respiration and many episodes of apnea are preceded by a sharp drop in respiration. A control device operates the transport device for ejecting the original and outputting the image data read in the first reading mode when the image data is the first kind, and operates the transport device to return the original to the platen and actuates the reading device to read in the second reading mode when the image data is the second kind.

1459827199-8ce56641-610f-4dbc-87b1-02fa007a31ea

The invention relates to a multilayer composite film which is substantially free from polyvinyl chloride and polyolefins. Each end effector including optical force

sensors for detecting forces applied to the tool by engagement with the part of the patient. After definition of the write pole surfaces, a layer of dielectric material is deposited. The electronic control system further includes a program memory with firmware configured in a state machine system architecture for controlling the microcontroller.

1459827200-406e48b4-c024-46d9-9e8c-3581d084c7f8

A dielectric material formed by contacting a low dielectric constant polymer with liquid or supercritical carbon dioxide, under thermodynamic conditions which maintain the carbon dioxide in the liquid or supercritical state, wherein a porous product is formed. The physical representation may be dynamic, for moving objects, or permanent. An availability state for each content distribution node in a group of content distribution nodes is tracked. A motion of an image on the light detection elements of the light detection unit is detected. This disclosure also provides compositions comprising a compound of this disclosure and the use of such compositions in methods of treating diseases and conditions that are beneficially treated by administering a dual melatoninerbic agonist and serotoninergic antagonist. Under this extreme pressure differential hydrogen gas permeates from the second area back into the first area at a maximum reverse flow rate.

1459827200-8f5c5ee5-e1b4-4cef-8b9d-f649c63b04aa

A technique of sampling, sensing, reading and/or determining the data state of a memory cell including an electrically floating body transistor. The methods involve introducing at least one DNA construct, encoding at least one untranslatable sense-strand RNA and/or double-stranded RNA, into a plant cell. The circular-shaped ring is subjected to a swaging process that produces a rectangular-shaped ring with rounded corners. A plurality of sub word line driving units are each configured to activate one of the sub word lines according to the word line driving signal.

1459827200-9d353a1b-6447-4546-993e-f4bfd8bd1e22

A computer program communicates with a partition manager in the logical partition where the computer program is run. The phase detector asserts the third signal in response to the assertion of the first signal and unasserts the third signal in response to the assertion of the second signal. A flexible membrane comprising a heating structure extends into the space in order to define, in the space, an inner cavity and an outer cavity.

1459827200-ab5b1265-43cc-4266-9ae6-89bc95185244

Methods of changing a centerline voltage of a data signal are described, along with apparatuses to change the centerline voltage. Spaced hard points are attached to the net, the hard points including a base portion with a cavity therein and a plug received in said cavity locking each hard point to the flexible net. These movable electric switches are made to blend in with the surrounding decor, preferably by having a decorative plate as the predominate artifact that is seen.

1459827200-f1844331-7226-40ba-975b-bfa88aebe7b3

Laminates of having a first outer layer of weatherable film, at least one mid layer, and a second outer layer containing an opacifying quantity of white pigment. The metallic housing has two legs each located in front of a respective one of the plates, each leg being integrally formed by cutting a portion of the metallic housing and bending the portion downward. The power savings manager may also be configured to determine whether physical memory blocks should be active or inactive. The RSS data sent from one device to another may include enclosures, such as video, audio or text files, or may include references such as hyperlinks to other sources of information stored on the receiving device or on a further device that may be accessed and used to understand or process the RSS data. Methods for discharging elongated product, such as encased meats, so that they loop directly onto the stick, bar or other desired food support is also described.



1459827200-f619f2b8-dcce-4104-a26e-11d630a555a0

The invention relates to an automatic decoding method for mapping and selecting a non-volatile memory device having a LPC serial communication interface in the available addressing area on motherboards. Each column has an output circuit for reading out pixel image signals. A lock housing cover can be provided that is non-movably secured to the lock housing and can include a cover abutment surface adjacent to and blocking a lock body opening in the housing. The stacked resistor structure, when subjected to a current flowing generally along a first axis, is characterized by a temperature profile that has first and second peaks on either side of the bond pad. In another aspect of certain embodiments, the shape memory material structure is positioned to extend around a periphery of the electronic component.

1459827200-fdf45df4-bdd6-4363-a142-b6fa9f6ede97

A magazine for a firearm is formed by a plurality of sidewalls that define a space for holding ammunition cartridges. The spread spectrum signals encompass a selected frequency spectrum. A separating unit for changing at least a part of the closing portion from a closed state to an open state. The first beacon begins its transmission at a target beacon transmission time and the second beacon begins its transmission in a sequential period defined by an antenna switching time after the transmission of the first beacon. Thus, accurate fault diagnosis of the apparatus can be achieved.

1459827201-13f2533a-2012-4823-861a-388a798d5399

A novel maize variety designated PH1M77 and seed, plants and plant parts thereof. The fiber optic face plate translates the image from the media to the scanner focal plane. The capacitor is fabricated in microelectronic fashion consistent with a dense DRAM array. The motor assistance profile upon which the assistance is determined is selected from among the plurality of motor assistance profiles based on an expected driving range provided by a user of the vehicle.

1459827201-6622f835-055d-41ef-9358-2c068d9644cb

The present invention provides novel lettuce cultivar Winter Heart and plant parts, seed, and tissue culture therefrom. An aspect of the invention includes detecting a light signal that is attenuated, reflected or scattered by the matrix layer, and using the light signal to examine the matrix layer or to regulate the preparation of the matrix layer. The device includes an abnormality determination device for determining whether the valve is in an abnormal opening state based on a heat amount transmitted from exhaust heat to coolant through the equipment, when coolant temperature is the preset temperature or above and thereby the valve is closed if the valve is normal. With this method, tinted ophthalmic moldings, particularly edge-to-edge soft, tinted contact lenses having improved properties, are prepared with an improved efficiency. Symmetrically-spaced gliding masses can be arranged on the arms as well.

1459827202-910da3c8-e4e5-4ad1-bbf8-bd4632ba32f8

A method for forming a tungsten layer on a substrate surface is provided. A system can be configured to receive a request for data that is contained in tables and to use one or more row-level security policies to augment the received request with one or more row-level security query-related clauses. Visually smooth is defined using tangents. The distal end portion includes a protrusion and an engagement surface. Two on-chip synthesizers that each include a voltage-controlled oscillator and phase-locked loop can be operated independently for each conversion stage, or operated in offset mode.

1459827202-aebf7e5c-1f86-4737-ad62-26be27e2d446

A method for operating a power controller is provided. The contacting tip has a certain width and the blunt skate is narrower than the tip width. In addition, restrictions on phone use may be provided based upon total phone usage within a

specified control period, time periods, dates or days of the week during which phone use is restricted or permitted. Methods of determining other exercise parameters, such as workload are also disclosed. The musical drawing assembly also includes a device for selecting one of the accompaniment melodies, and a device for selecting a musical instrument that corresponds to one of the different musical instruments. The detection circuit is electrically connected to the fourth electrical contact point, for determining whether the fourth electrical contact point is electrically connected to the third electrical contact point.

1459827202-af57f737-ccd8-4b32-9b17-4a5c6a6577c7

An antenna apparatus capable of main beam direction switching is provided that achieves high gain with a small, planar configuration. The exemplary embodiment of the invention provides a system and method that perform what may be characterized as a digital zoom. The computer systems may associate electronic coupons with the user such that the user may redeem the electronic coupons at a retail store upon presentation of a user identifier. The application program 11 initially analysis the displayable content of the photograph and identifies characteristics, such as regions of interest or dominant lines, curves or edges, and depending on the characteristics, identifies the photograph as belonging to a particular image class.

1459827204-10ccdb3c-d3d6-4c8e-b669-b45df8c36120

A method of converting audio data encrypted for anti-piracy and copyright protection to a suitable format so that the data can be played in a portable device. A plurality of surface connection terminals to which terminals of a chip component are to be surface-connected are formed on a main face of the laminated structure. For example, in some embodiments, the media data is a movie with video and audio components. A driving speed at which a pair of rotary members are driven by the chain driving mechanism is corrected in accordance with the elongated condition of the chain, based on a count of driving pulses in the chain driving mechanism during the passage of the coupling pin through the second transport section. 45 GHz microwave energy fast and efficiently.

1459827204-2bcd8102-d624-4be4-b5c3-2be991111261

An optical transmitter for use in an optical transmitting system based on PDS technology, does not erroneously output an optical signal when the optical transmitter is powered on/off. The test device includes a housing defining a sample port, a test well containing a stirrer and a conjugate, and a test strip disposed within the housing. An ESD discharge control circuit in electrical connection with the ESD discharge circuit that controls the activation of the ESD discharge circuit and including an NMOS transistor and an electrical node.

1459827204-6a56efc6-958e-4bc4-8dfd-2131a5243916

A novel-structure laundry machine that is capable of washing laundry using steam is disclosed. The optical apparatus comprises a first memory storing a default setting data set for controlling functions of the apparatus and a second memory storing a user setting data set for controlling the functions. The adjacent optical fibers at a forward end portion of the extension portion are fixed to one another integrally. At least part of the resistance-changing material is disposed between the reactive layer and the electrode. The logical OR circuit generates a tag error signal that is asserted if at least one of the plurality of way error signals is asserted.

1459827204-84ea5db9-1772-4aac-b8f0-e602f80aa746

The present invention relates to template-free clathrasils whose framework comprises essentially SiO<sub>2</sub>, wherein the crystals of the clathrasils have the platelet-like morphology of a sheet silicate. The steps include forming a golf ball core; forming an inner cover layer around golf ball core with a material having a first shore D hardness; and casting an outer cover layer around inner cover layer and golf ball core with a thermoset material having a second shore D hardness less

than the first. A reservoir is included that contains an ionic solution of particles. The EPG information can be displayed in a window within a television screen while a program is being shown on the remainder of the screen. The joint covering member is attached to the constrained portions acting elastic force between the constrained portions. The novel neural network provided in the current invention is trained with the bioactivity of known compounds and then used to predict the bioactivity of unknown compounds.

1459827204-910a1d32-470f-4b88-adfa-9f51c368b92e

A method for accessing IO devices in embedded control environments is provided, wherein said IO devices are remotely attached to an embedded microprocessor. A transmitter generates encoded signals using, according to one embodiment, a structured parity check matrix of a Low Density Parity Check code. The device 1 and 2 detects, from respective reception results, transmitting-antenna-setting candidates of the device 1 and receiving-antenna-setting candidates of the device 2, and determines antenna-setting pairs.

1459827204-b7ca8c37-50a2-4d05-a8ed-6cf1eec6f94e

Methods, systems, and computer program products are provided for machine-specific instruction set translation. The detected tachycardia is classified as ventricular tachycardia if the average ventricular rate is substantially higher than the average atrial rate. The valve is operable upon a predetermined suction in the first reservoir to open to permit expulsion of liquid from the second reservoir into the first reservoir after the liquid in the first reservoir has been consumed. As part of the transformation equation, the Gibbs' free energies of the phases of the metal are determined, a transformation rate of the metal from the first phase to the second phase is determined therefrom, and the expected proportions are determined from the latter.

1459827205-a412be5e-afb5-4b9b-9833-d0f2fa821e6a

A pin electronics circuit for use in automatic test equipment is disclosed. The brace comprises upper and lower supports rotatably connected by a hinge. Cement is fed to a rotatable spray disc or arms of the spray head, which is arranged to distribute the cement substantially evenly over the internal surface of the borehole created by the reamer head. A mechanical oscillator system comprising a non-magnetic ceramic or continuous fiber balance spring and a non-magnetic balance wheel formed of a material having a coefficient of thermal expansion of less than  $6 \times 10^{-6} \text{K}^{-1}$  and having a plurality of non-magnetic poising or timing appendages is also disclosed. The resin material is prevented from leaking out of the LED package.

1459827206-1eb27c2b-b7f8-4a63-a8ee-8997c1f363d6

Mechanical face seal rings having a metallurgically bonded wear-resistant coating on the wear surfaces thereof and methods for forming such coated components is taught herein. The power adaptor includes a connector, a rectifier, a filter, a regulator and a switching unit coupled between the rectifier and the filter. With such method for manufacturing, it becomes possible to make the side edges rounded whose curvature changes continuously. A security seal is disclosed which comprises a small, adhesive coated patch of laminate for sealing the joinder of the wristband ends and which has points of weakness such as X's die cut therein so that it separates or destructs upon removal to provide an indication of tampering with the wristband. For this, latent or thermochemical heat storage units are used which are fully integrated into the structural elements of the heating appliance in question and heats the product in such a way that there is sufficient heat output, while at the same time, the absolute temperature is limited by means of an appropriate choice of heat storage material for product enhancement. A cover releasably mounted on the member enclosed fasteners attaching the member to the framework.

1459827206-b4d14fd7-0428-4e08-9268-f009ba63b252

A method and an apparatus for the refreshment and reuse of loaded developers used in lithographic printing are disclosed. The method includes the steps of providing the identification of the existing emblem. The circulation motor communicates with a lower side of a tub of a washing machine to pump water in the tub. In different aspects, the apparatus systems may be configured to generate white light and/or multicolor light, may be formed to resemble conventional light bulbs, and may be arranged as a linear chain of nodes.

1459827206-eb42ef91-fbe0-400d-b57d-2008d00e5c9a

A sample introduction system providing variable online dilution of a sample is described. When switched by a controller, the first switch couples a high voltage source to charge a capacitor. The base being separable and having a female portion and a male portion for receiving a post of a chair therebetween the base portions and the portions each having a baffle therein. The tuning value is configured to adjust how the image data is to be measured to compute an image compensation value. The side wall has an inwardly inclined, planar outer side wall panel, and a plurality of flat pads are on the outer side wall panel for cooperation with automated machinery used in the handling of the tray. In one advantageous embodiment, the semiconductor device includes a doped layer located over a semiconductor substrate, and an isolation trench located in the doped layer and having a dielectric layer located on a sidewall thereof.

1459827207-0006ed8f-dcd0-43c7-9241-13e048fbaf98

A data encoding apparatus is provided wherein, in one aspect, bit data are encoded by using at least one kind of error-correcting code out of two kinds of error-correcting modes: random error-correcting code mode and burst error correcting code mode. An exemplary system configured to practice the method receives a sequence of words and external data associated with the sequence of words and maps the sequence of words to an X-dimensional vector, corresponding to a vocabulary size. Upon the parameter indicative of elapsed time of channel activity reaching a respective target value, the method allows determining whether there is another radio frequency in the plurality of radio frequencies assigned to the radio system available for carrying the channel activity presently being carried by the one radio frequency. The second clock frequency is lower than the first clock frequency and is used to extend a wireless communication range of the wireless channel. The slots in the raised portions allow the raised portions to move with respect to the base portions. Each bookmark is capable of sliding independently along a pin and is designed to fit between two pages of a book.

1459827207-5cfa756f-35c9-4079-8803-506ca1241413

An AlGaAs cladding layer is formed on a GaAs semiconductor substrate, and then an i-type GaAs layer is formed thereon. The present invention relates to a grain-oriented electrical steel sheet containing Si: 1. The light-absorbing structure can be a continuous polysilicon or amorphous silicon layer.

1459827207-ac5252fc-8108-41e9-930c-9dd551554127

A damping element includes: two spring elements which are coaxial with or parallel to a longitudinal axis and two axially end-side connectors, where the first spring element exhibits a spring rate F, the second spring element exhibits a spring rate f, and the spring rates F and f are different. When the plug is coupled to a receptacle, the inner shell is rotated with respect to the housing and the connecting end of the inner shell hits the abutment surface of the enclosure shell and, when the outer shell is screwed onto the enclosure shell, the step portion hits the rear wall portion. The passageways are filled with ion-conducting material and may be surrounded by non-ion conducting material. \u2018MSA-31\u2019 is also distinguished by its genetic color and fall and winter color characteristics. The desired changeover point from fully-synchronous mode to the partially synchronous mode is set to a predetermined level of output current for the converter. The unitary dielectric member affords an easily manufactured connector that maintains

the contacts and wires within a predefined geometry with respect to the axis of the connector and at a predefined position along the length of the connector.

1459827207-ebe9752d-4848-4eb6-a6e4-2f26368ec5fc

A simple and cost effective method of forming a fully silicided gate of a MOS transistor is disclosed. The electronic device includes a housing having an interior space, a dielectric cooling liquid in the interior space, a heat-generating electronic component disposed within the space and submerged in the dielectric cooling liquid, and a pump for pumping the liquid into and out of the space, to and from a heat exchanger that is fixed to the housing outside the interior space. The cover includes guide slots for slidably receiving side portions of the anchor and a ramped surface automatically moves the lid from the closed position to the fully open position in response to the housing moving relative to the anchor. The deck is positioned at an acute angle relative to the interior surface such that a first portion of the deck is disposed closer to the interior surface than a second portion of the deck. The 4-HMTHP is then dehydrated by contacting it with a solid acid catalyst to yield parasorbic acid. Thereby, the panels are conveniently mounted on the foldable frame without using any tools.

1459827208-3c905268-e893-40b9-a6a8-68bc8066c191

A mobile wireless device adapts roaming parameters used to determine searching for and switching among access points. The system includes a main database and a routing mechanism. Consequently, the host system has a predictive tool that is able identify substandard lasers so that such lasers can be replaced before serious, and potentially costly, data disruptions occur. The material is modified to have a higher conductivity than regular conductive polymer materials so that a suitable antenna may be formed. The leakage monitor enables high resolution on-chip leakage measurements in multiple locations on a die, thereby saving test time and enabling both die to die and within die process compensation.

1459827208-739cc95e-1146-4e2f-9fa6-fe352debc0d5

A process for preparing pliable soft tissue specimen which are resistant to cracking and devoid of viable cells includes the steps of treating native soft tissue obtained from a donor by a gradually increasing gradient of aliphatic alcohol or other suitable water miscible polar organic solvent until the last alcohol solution has at least 25% by volume of the organic liquid. Each pixel includes a light emitting device; a drive transistor that has a gate electrode, a source electrode, and a drain electrode. A RCWA based scatterometry model is used to model absorption and the absorption is correlated to line edge roughness, which allows RCWA to be used in effect to model LER. The image transfer medium can be configured as a k-space filter that correlates a pitch associated with the receptors to a diffraction-limited spot associated with the image transfer medium, wherein the pitch can be unit-mapped to about the size of the diffraction-limited spot. Each mapping is converted to a port-based configuration digest, which is entered into Spanning Tree Protocol control messages sent from the respective port. The request is translated into a database query.

1459827208-b202cef7-306a-49f7-9b0b-6cccf2ceae1f

A multimodal fiducial marker for registration of data is disclosed. The environment of the cab may be maintained by a heating, ventilation, and air-conditioning system that will provide cool air to the cab in hot weather and warm air to the cab in colder weather. In response to identifying a request to establish a communication session, the mobile device reassociates with the first wireless AP using a second ESSID, for accessing the VLAN to establish and maintain the communication session. 5, wherein C is a diameter of the post and 2A is a width of an overlapping region of the stress-relaxing layer with the post.

1459827209-0958540f-d31d-4635-8086-e8471f17e2fc

It is a purpose to provide a medicinal-liquid injection apparatus in which a

needle-like tubular member is smoothly movable in a lumen without damaging an inner circumferential surface of the lumen. The folding portion and the opposite folding portion of said leather panels have the good engaging property and difficult to separate with each other during usage because they are made of the same material. The sensor has a source and associated detector on each side of the moving sheet and each source provides energy at a different modulation frequency and the associated detector is responsive only to that frequency. A server is selected to receive the request. The magnetic flux lines can be oriented longitudinally and/or transversely with respect to the device. The piezoelectric-driving layer includes a first electrode layer on the arm, a piezoelectric layer on the first electrode layer, and a second electrode layer on the piezoelectric layer.

1459827209-58671ca6-e559-4d96-833b-10c405b195bf

A system and method for estimating lens temperature is disclosed. The inertial sensor is configured to monitor the motion of the body and generate a movement signal representative of the body motion. The safety controller is operable to receive the ready message, place the machine into a safe state responsive to receiving the ready message, and provide a human interaction indication responsive to placing the machine into the safe state. The method of the invention is also suitable for the prevention or amelioration of diseases characterized by excessive apoptosis.

1459827209-8379fb1d-cacb-4520-bfc9-df5a1e4d7234

A thin-profile organic EL device with a high degree of reliability is provided. Furthermore, an encoding apparatus is also disclosed which downmixes the multi-channel audio signals, encodes the downmixed audio signals, and generates the encoded, downmixed audio signals. and a relative humidity of 80%, and a production process of the bottle by biaxial stretch blow molding at a low stretching temperature and high draw ratios. For example, data detected by a frequently-calibrated integrated accelerometer may be used to determine a tilt of the device. In one embodiment of a court date server, the court date server is coupled to a user database.

1459827209-8f862b29-a69a-40cb-a5b2-2cb90cca0cd2

An application-switching program displays representations of applications, for example icons, on a screen of a device. The lock can be configured to permit or to prevent use of the user key to program or reconfigure the lock. For a long-time adaptation, a long-time adaptation value is formed for the position of the actuating member in dependence upon a minimum short-time adaptation value for the position of the actuating member which was formed during the short-time adaptation. Ultimately, all items in the customer order are assigned a pod.

1459827210-7d759fc0-fe93-405d-88bb-7537727b81e2

Partial waveform data representative of a waveform shape variation are extracted from supplied waveform data, and the extracted partial waveform data are stored along with time position information indicative of their respective time positions. The process includes passing the fresh feed and a process stream containing a first component selected from hydrogen, nitrogen and methane and a second component which is a monomer to a separator at a pressure of 0. Also provided is a method for assembling the fuel cell system.

1459827210-d7af33bd-e9d9-4bf8-95a4-6538e9c38975

An interpreter invocation mechanism for switching between execution of native instruction words to interpreted instruction words uses a subroutine call instruction to start execution of the interpreter. The feed roller assembly feeds the paper into the print device when receiving a printing task. A chamber may be provided for holding the tubing in flat coiled condition. The alkylation conditions produce predominately mono-substituted para alkyl salicylic acids that are oil soluble. The encryption device encrypts the calculated eigenvalue. A start-up time

of the second mode is shorter than the duration of the first state.

1459827210-d9c0550c-7627-41f9-8364-fef5c2d13628

A vein removal device includes a housing, a blade element disposed at least partially within the housing, and a hook element disposed at least partially within the housing. A film free from primer coating and its preparing method are also provided. The lens support is disposed on the zoom lens base, with one end rotatably disposed on the zoom lens base, and the other end with a second lens set. In each pulse repetition period, an output signal can be a positive-polarity pulse, or a negative-polarity pulse, or an empty signal without any change. The compositions find particular applicability to immersion lithography processing.

1459827210-da1f6859-aa24-47dc-ad99-cfb553fb4968

An apparatus for removal of a windshield wiper arm or bracket and blade assembly from a threaded stud or shaft includes gripping jaws which are held in position by a cam that engages and pivots the arms into a desired gripping position. The steady-state boost is adjusted for at least one of current transient speed conditions and current transient load conditions of the internal combustion engine, yielding an adjusted boost signal. The plurality of roller pairs nip and convey the photosensitive material, ensuring flatness of the material at an exposure position. The present invention reduced the kinetic energy of the ions prior to mass analysis and hence improves the resolution of the mass analyzer.

1459827211-1585aa2f-7983-4bfe-8daa-eeefed963de67

Meanderline loaded antennas having a wide bandwidth available for simultaneous or instantaneous use are disclosed. The low volume solvent composition is subsequently pressurized and expelled at high pressure into a receiving device such as a column. The snap connector may include a flexible detent element that may distend over the edge flange during an installation of the snap connector over the edge flange, and upon installation, may extend over the flange to removably adjoin the snap connector to the edge flange. According to another embodiment, the aqueous liquid composition contains Ag ions and the at least one reducing agent is omitted. The device further comprises a metering device interposed between the tank and the print head and provided with an inner space having a planar major extension to keep the pressure of the ink feeding the print head substantially constant and to improve the print quality.

1459827211-1a2fea43-efd1-4929-b24f-224e7cb3929e

The present invention is related to telecommunications, and in particular, to methods and systems for call processing. The printed circuit board is positioned on a bottom of the housing. The outermost layer of the resin layer may be an adhesive layer composed of a phenol resin based composition. Driving force of the motor can be transmitted to the plurality of leaf plates at the same time through a pinion gear, upper and lower air cylinders, and upper and lower guides. The system includes: general purpose-type computing device to perform the case-based logic having branches and inter-dependency in the data handling and accelerator subsystems to perform a majority of the computation intensive tasks. The first fluid flow resistance is greater than the second fluid flow resistance, such that the actuator moves substantially symmetrically in the first direction and the second direction.

1459827211-7fbb35f0-60c8-44e3-a671-bf03242c1276

A charged particle filter provides a curved through path and has both magnetic poles for applying a magnetic field normal to the plane of curvature of the path and electrodes for applying a radial electric field. The first layer has a first and second surface. Methods for operating embodiments of the passenger inspection system are also disclosed.

1459827211-fd02b45d-845d-4202-a7a3-57884454360b

An ink supplying and collecting apparatus includes a case, ink cartridges detachably attached to the case, and a collecting container detachably attached to the case. For purposes of enforcing the quotas, tombstones generated for deleted objects are taken into account in the calculation of a weighted total number of objects owned by an entity, with each tombstone counted as a configurable fraction of a regular object. The terminal's geographical position can either be determined locally or by network triangulation. The protective coating includes a major proportion of at least one methacrylate compound and a minor proportion of an activator compound which initiates the curing process of the monomeric anaerobic mixture in the absence of oxygen or air.

1459827212-68242295-7f33-4865-ad56-66d2bf44084b

Embodiments of the invention provide for a wireless computing device that comprises a set of one or more radio components to transmit and receive wireless communications on the device. The computing unit is in a power saving mode. An acceleration profile is determined, based on the current vehicle speed, and desired speed profile. Inherent circuit mismatch generate gain and/or phase errors that result in mismatch in the I and Q output signals.

1459827212-88cf7649-1d2c-490c-a08a-c08906727569

A method is provided for using a single-pixel imager in order to spatially reconstruct an image of a scene. The apparatus comprising a cover portion for covering and forming a seal around an aperture, and location means for engaging with a component associated with the aperture to retain the cover portion in place. The optical sensing elements in a first direction are connected electrically to different scanning signal lines, and are configured to respectively receive a control signal. During the depressurization of the vacuum chamber, the pressure for attracting each substrate to the associated chuck unit is controlled to be equal to the pressure in the vacuum chamber. In a specifically preferred system, the air tank fixing structure includes a first air tank fixing member fixed onto a body frame at one side thereof, and formed with at least one first fixing element in which at least one air tank for the vehicle is fixed at the other side; a second air tank fixing member formed with at least one second fixing element and placed on the air tank.

1459827212-cb796a0b-c26f-4be3-a16d-ee556a2b4695

Herein is disclosed a method for modifying raw material milk, wherein a reducing agent such as a thiol compound is added when transglutaminase is caused to act upon raw material milk for a dairy product, whereby the reactivity of the transglutaminase to the raw material milk such as raw cow milk, can be improved and the milk protein can, in turn, be modified effectively. The laser may be adapted for multi-mode or single-mode operation. Each LED module is configured with a reflector or over-optic to control the angle of the light emitted toward the sign. According to the present invention, the number of elements for estimation is substantially reduced, resulting in considerable computational savings and very fast convergence performance for tracking dynamic signals. At the top of the QWIP-LED wafer an optical coupler such as a diffraction grating for coupling at least a portion of incident MFIR light into modes having an electric field component perpendicular to quantum wells of the QWIP is provided. Also disclosed are methods of using such compounds as selective agonists for G protein-coupled receptor S1P1, and pharmaceutical compositions comprising such compounds.

1459827213-2dcbe839-447b-4eab-a531-221e3a2f4b60

Multi-stage electric filters with improved intermodulation-distortion characteristics and a method for designing such electric filters is provided. Tasks may be written as procedures in general-purpose programming languages that directly manipulate resources via control interfaces. The buyer places an order at the offshore merchant website, which sends an order request to the intermediary platform. A plurality of subsystems located on the server system side of the on-



line VBI system provide services related to purchasing, accounting, and printing of VBI.

1459827213-784d7df3-139e-4634-a763-ce3e7d8c5903

The present invention provides, for musical instruments such as organs, action-magnets and action-magnet drivers that facilitate reduction of wiring, connections, and logic circuitry. Said channels are supplied with a lubricant independently from each other, by means of either jointly drives or separately drives lubricating pumps. The local intent may be determined using probabilistic models that analyze historical searches to determine which search terms tend to have local intent.

1459827213-e58618da-3ddd-48b5-aa26-200a9d334ec1

A circuit and method has a processing unit, a master clock generator for providing a master clock and a plurality of phase-locked loops, each providing a respective clock signal. A pattern detection unit detects color registration patterns on the image bearing member. The strength member passes through the opening of the independent anchoring element and thus holds the independent anchoring element in place on a casing. The cover plate also includes a first insulating means, where the first insulating means prevents the first conducting strip from contacting other conducting materials. Light irradiated from a second main surface side is detected by a detector disposed on a first main surface side, thereby detecting the positions of first and second inner electrodes, and a conductive layer is formed in a portion on a first main surface, determined based on the detection result by the detector, thereby forming first portions of individual first and second outer electrodes. The method of the present invention comprises steps of use of the support shelf with various designs of racks and types and dimensions of equipment to be supported.

1459827214-1f1e2a66-bbf7-4e74-a086-bcddb77e51b6

An opposed pair of inwardly facing radiant energy detecting sensors is positioned to sight on freshly formed glass containers being conveyed on a side by side pair of conveyors to determine if any of the containers is misoriented from its desired orientation. A storage capacitor in the non-volatile memory cell is used to enhance programming efficiency by providing additional charge to the programming terminal of the MOS transistor during breakdown of the gate dielectric, thus avoiding soft programming faults. By utilizing multiple pointers within a buffer control structure, the file system may permit write operations to continue to a file undergoing write allocation. The movable element is movable in the tube.

1459827214-7c1dc22d-1cbd-4da4-9eb7-b908e5b351a2

Embodiments for a turbine-generator position in a compressor bypass flow path are presented. The catalyst composition is prepared from a washcoat slurry containing a high temperature catalyst support material, and a low temperature catalyst support material, each support material being of sufficiently large particle size so as to prevent each support material forming a solution or a sol with the liquid medium of the slurry. In particular, it relates to compounds that are selective factor XIa inhibitors.

1459827214-aa950b7f-a405-4ed2-82af-425dc7605e21

The micro-actuation element includes a movable unit, a frame and a coupler for connecting these, where the unit, the frame and the coupler are integrally formed in a material substrate having a multi-layer structure that consists of electroconductive layers, such as a core conduction layer, and insulation layers intervening between the electroconductive layers. The substrate may include through silicon vias, at least one redistribution layer having a 1st passive device pattern and stacked vias, and an under bump metal layer having a 2nd passive device pattern. When removing the data link module from the cage, by angularly turning a bail pivotally supported by the connector-fitting unit, the cage tongue is pushed down following to the housing tongue with the camming operation of a plate cam,

thus causing the lock hole to be disengaged from the lock pin. The drawn article may be used as a weld filler material. At least the base body is formed from a textile-reinforced polymer matrix structure.

1459827214-dd4e2027-492b-4310-a0a7-28ec4f2e9822

An assembling method for an assembly is provided: the assembly comprising a cell structure housed and held in a metal vessel via a compressible material having a cushioning property by arranging it between outer periphery of the structure and the vessel in a compressed state with applying a mounting pressure to the structure via the material to hold the structure in the vessel. The method may also include determining that the pending list is not empty before releasing the combined data transfer. The atmospheric chamber communicates with the atmosphere via an air hole formed in the annular disk. The composite pattern of the first nanoscale nested line structure and the second nanoscale nested line structure is transferred into an underlayer beneath the first layer to form an array of structures containing periodicity in two directions. The termination fixture provides an interface that exposes portions of the drive member to direct movement by an external system that may include a manipulator and a sterile barrier.

1459827214-e32c57e4-caf0-470d-8bf0-e132064cb5d3

Low density silicone-containing polyurethane foams with excellent surface characteristics are prepared by reacting a foamable composition containing a siloxane of the formula and an isocyanate, in the presence of at least one blowing agent. The signal circuit layer can transmit test signals from the antenna. An adjustable bed ruffle may be removably attached to the bed platform and be capable of being seated about an outer perimeter of the top mattress and the box-spring base. Whenever a difference does exceed a threshold, a clipped value based upon the central data value replaces the corresponding peripheral value, thereby producing a second set of data values. Appropriate warning signals are delivered and therapy is automatically adjusted. The method includes receiving a location of a mobile computing device, generating a listing of common searches associated with the location, and transmitting the listing of common searches to the mobile computing device.

1459827215-aa2d87ce-b69e-4b21-aa7a-62b2a144b8f9

A drive apparatus for a washing machine having a laundry drum and a suds container includes a stiff supporting star having a bearing sleeve for mounting the laundry drum of the washing machine in the bearing sleeve, a substantially horizontal shaft for connecting the supporting star to the rear wall of the suds container, a flat motor for directly driving the laundry drum, and a bearing. The synchronous rectifier is a parallel connection of a synchronous rectifier switch and a diode. The ferrule has a mating facet and an opposing rear facet located in the housing. The system also filters a set of rules with the intermediate event object to obtain a subset of rules. Thereby, the use of the resources of the searcher can be adapted to the radio environments in which the searcher will be used. A radiation source is situated facing the curved reflector and one or more radiating elements are provided on a top surface of the waveguide cavity.

1459827215-eaf8e264-a4c0-4c79-beab-79a92a858ead

System, including methods, apparatus, kits, and components, for bone fixation using a pair of slender spanning members to span a fracture outside bone. The electrical connector includes a terminal subassembly having terminals configured to be electrically connected to the electrical conductors. In addition, the device has a second display to provide a second image. The method may then perform edge walking on the major edge of the triangle, followed by span walking. The label resistance value is calculated from a fixed resistor current and a label resistor voltage. The movable member includes a flexure part that bends due to a load received from a head of an occupant, a frame part that supports the flexure part, and an engaging portion.

1459827216-9ae409c1-8ea9-44e2-b67e-8e3b3af80858

A drill having end-face major surfaces, contiguous faces descending from the major cutting edges and flanks contiguous to the major cutting edges. The housing may be configured to hold a humidifier pad in an operating position. A decompression of the actuation structure may be configured to gradually straighten the housing tube and the optic fiber. The invention also discloses a related bonus game, which in a preferred embodiment is based upon an Othello\xae-type game particularly for a gaming machine using outflanking game pieces, such that any game pieces with opponent's side or color showing are converted to game pieces with player's side or color, with an award or payoff according to the level of successful advancement in the game.

1459827216-9f26ab25-42ef-4984-b357-d91a6f29af1a

Disclosed herein are siloxane-based resins prepared by hydrolyzing and polycondensing cyclic and/or cage-shape siloxane compounds, optionally with at least one silane compound, in an organic solvent in the presence of a catalyst and water. A gateway unit is provided that will interconnect a ATM based accesscore network to an IP based. The invention also relates to methods for producing a soybean plant containing in its genetic material one or more transgenes and to the transgenic soybean plants and plant parts produced by those methods. Transmission resources for the communications devices are allocated based at least on said allocation rules. Overwrites may be allowed within a batch at the secondary facility to conserve space occupied by the transactions at the secondary facility. Second image data are produced block by block from first image data using several image processing procedures according to the outputting parameter of the outputting unit.

1459827216-bd31b161-745a-4f3e-bb46-08638f314634

A method for mounting a semiconductor package onto PCB includes a semiconductor package comprising a plurality of outer terminals exposed out of an encapsulant. The valve comprises elements arranged in rows and columns, each of the elements comprising a liquid crystal controlled by drive means so as to display video information relating to at least one image. A feed hose extends from a gas source, through the container to a hose end that projects axially from the open end of the container. The images may be preprocessed in a phase-encoded chequerboard pattern and binarised by thresholding based on the average value of neighbouring pixels. Alternatively, in one embodiment, the processor may use broadcast regions independent of the broadcast specifiers where the coprocessor is able to alter its functionality in response to the current broadcast region.

1459827217-2776ac7a-eae2-42b0-b422-e275dee22f91

A portion of the disclosure of this patent document contains material which is subject to copyright protection. A repair server polls multiple transmit servers to accumulate as many of the packets missing from the multicast session as possible. The fasteners fix the first and second pressers to each other so that a predetermined pressure is applied in a direction intersecting with the polarity period direction, to the piezoelectric crystal through the first and second pressers. Large disks 20A, 20B, are arranged at respective portions not forming the upright walls, and small disks 21A, 21B smaller than the large disks 20A, 20B in radius by an amount corresponding to the height of the upright walls are arranged at respective portions for forming the upright walls.

1459827217-daf9f201-591d-4c21-bf62-3cbcd58d9356

A taper gauge that includes an elongate taper assembly that has a tip section and an electronics section that includes a location determining element that collects data related to a measurement area when the tip section is inserted in the measurement area and a power source. The method further including determining changes in the first and second SOC values. Under such conditions, it is economically feasible to produce large panel, bubble-free liquid crystal cells.

1459827217-e4e53880-ed20-4665-a05d-10a8e5a555c1

Methods and compositions are provided that relate to weighted elastomers. A material is deposited over the substrate including over the first and second gates. In a specific embodiment, the object may comprise a golf ball. Further, the present invention also provides a method for designing angles of micro-optic lenses. Further the information that the downstream on-road facility is in the faulty state is displayed on information board which can be recognize by vehicles having the possibility of entering a zone under control by the faulty on-road facility. In addition, an alpha value for the dummy region, a dummy data of the dummy region and the OSD data of the OSD regions at the search line are transmitted to the mixer.

1459827218-1bc5319d-3adb-44a3-9791-ef335c661766

This invention provides, but is not limited to, methods of using metal-organic frameworks having repeat units of the formula M2 for acetylene storage. The sensing device may be an in-vivo autonomous capsule with an imager, but may be another type of sensing device. The baseband signal is sampled to produce a received vector. Cavities corresponding to the location of the locking tabs are provided by the intersection of separate pieces of the molding assembly.

1459827218-65c00ea2-229f-467e-9f49-9fc8178fc24f

A serviceable gasliquid separator is provided. The clip retention apparatus may comprise a clip, first and second plug bodies, and a retainer element. In another embodiment, the brightness enhancement film comprises: a diffusing film comprising a front surface and a back surface, a coating on the front surface, and light redirecting structures disposed in the coating. The lock core defines the rest position for the lever handles at an angle slightly above horizontal. In one embodiment, a cartridge comprises a cartridge case, the propelling system, and the projectile attached to the cartridge case. The apparatus includes an introducer having a detachable and re-attachable sheath disposed about a deployment catheter.

1459827218-8627fc2e-1377-4227-8b25-f4c866a2dc28

A method is disclosed for performing message payload processing functions in a network element on behalf of an application. A slider for a concealed slide fastener comprises a slider body having at least a lower blade, left and right side wall portions and left and right first flanges, and slider upper plate member engaged with the slider body and having at least a second flange projecting toward at least the left and right side wall portions. As ions are generated in accordance with the temperature and humidity, airborne fungi can efficiently be killed. Where the session can use a virtual IP address, the server returns a virtual IP address and the client component binds the socket call to the virtual IP address. The tire is prepared by using a natural rubber instead of a synthetic rubber; an inorganic filler and/or a biofiller instead of carbon black; vegetable oil instead of petroleum oil; and natural fiber instead of synthetic fiber so that the tire comprises a non-petroleum raw material in an amount of at least 75% by weight based on the total weight of the tire. A color feature vector data store includes a variable-length color feature vector for each image in the image data store.

1459827219-39cf74da-7623-4cfd-af5b-421bb6675d7f

An appliance development toolkit includes an editor configured to create one or more test scripts having steps with each step being separated from its adjacent steps by a transition condition. The radio receiver has a first reception path for processing of the first section and a second reception path for processing of the second section. The device includes a strap with fasteners at each end that are matingly engageable with each other to secure the lid to the container. In the prosody modification value search, a prosody modification value sequence that minimizes a modified prosody cost is searched for. When in use, the positioning portion partially extends through the through hole, selectively extends through one of the holes, and then is positioned by a force of the resilient section, such that

the extension-length of the second support member relative to the first support member is adjusted. Bandgap engineering may be achieved by the method by adjusting reaction parameters of the GSMBE process and the relative concentrations of the constituents of the quaternary alloy films.

1459827219-d7dee9c0-d48b-4977-abfb-3b9244e3a381

A lift axle parallelogram suspension system. Based on a servo sector signal, a data sector generator circuit generates a write data sector signal indicating a timing of data recording in a data recording area, and outputs the write data sector signal to a delay circuit and a selector having two input ports and one output port. The system also includes a gateway capable of mapping communications between a packet-switched network and at least one circuit-switched network. The roller members are positioned in spaced relationship to each other whereby the roller members are adapted for frictionally engaging a tube of paste such that paste is dispensed from the tube as the tube of paste passes between the pair of roller members. Methods of preparing the compounds, compositions containing the compounds and methods of treatment using the compounds are also disclosed.

1459827220-672423f5-03df-4b30-8a21-92003c609e69

A method for operating a hybrid vehicle having an internal combustion engine and an electric machine, wherein the hybrid vehicle can be driven purely electrically if the internal combustion engine fails because, for example, a fuel tank for supplying the internal combustion engine with fuel is empty. The adsorbents of the present invention and the method of producing such adsorbents maximize the working adsorption capacity through  $\pi$ -complexation. First cavities are formed in a masking layer applied to a test substrate, filling the cavities with a conductive material, and planarizing the top surfaces of the conductive material portions to form lower level portions. The fob is structured to respond to the user input device and determine if the fob is in range or out of range of wireless communication with the base station. Reusing the TA command value introduces negligible error, which can be corrected in existing error correction capabilities. After encapsulation and before solder ball placement, a half-etching process is performed to remove the bottom leads to make the top soldering pads electrically isolated, exposed and embedded in the encapsulant for solder ball placement where the soldering area of the top soldering pads is defined without the need of solder mask to solve the diffusion of solder balls on the leads during reflow.

1459827220-aa37f3de-7008-481a-9291-d80f2179f31c

Golf balls consisting of a dual core and a dual cover are disclosed. The present invention allows mobile subscriber IMSIs to be transmitted to a new target MSCVLR or SGSN before a source MSCVLR or SGSN fails. The pinching pressure is prevented from constantly increasing because the transmission torque variation during travel is estimated, and the pinching pressure for the belt is changed based on the estimation. Also, the second revolution may include a variety of data which is selected or customized to match the user data submitted in the first revolution. It is safe in use without the risk of the electric motor sliding out. Related methods are also discussed.

1459827221-3b11ebd0-7ceb-42b2-bb6b-d3f5c8c4200c

A roller conveyor includes opposite sidewalls and at least two tandem zones. The plural electronic options include electronic option terms established by one or more suppliers who can supply the goods or services or events. The first diagram may have a first diagram type.

1459827221-58c51b19-e845-4d48-8cb4-d2da107bffe0

An antenna comprising an IMD element and one or more parasitic and active tuning elements is disclosed. A bit map developing part converts the document file into bit map image data. The VLIW is itself comprised of four identical processing units that are interconnected by a crossbar switch.

1459827221-9bbea690-fca5-475e-9d2c-c71c8fecefe7

Methods and apparatuses are disclosed for closing a patent foramen ovale. In one embodiment, a disk drive to chassis coupler is formed and a disk drive to chassis coupler engaging mechanism is created. The two guides are positioned a selected distance from the winch toward the rear of the boat trailer and spaced apart from each other. Therefore, dark defects of the image sensor are reduced. The method may include creating a user configurable tracking token that relates an email to a CRM object, attaching the tracking token to an outgoing email, sending the outgoing email to recipients, receiving an incoming email, determining whether the incoming email has a tracking token and if the incoming email has a tracking token, associating the incoming email with the matching CRM object.

1459827221-a1182b4b-62a7-41ce-a6ca-ca6e552d7359

Systems and methods of the present invention allow a file owner to upload and store a file to a File Storage Area. Also disclosed in the embodiments of the present invention are a method for uplink synchronization control at the UE side, and a base station and a UE for implementing the above methods. A screening pattern is written to at least one screening column in the memory block and a first memory integrity test is performed. The resulting lithographic printing plates have good resistance to pressroom chemicals.

1459827222-250d1add-061e-451e-b46a-1e5a3b7ee32e

According to one embodiment, a method for implementing computer security is provided. A fastener such as a screw or bolt passes through the sealing washer and the main washer, into a hole in a mounting surface. The initial indicator bit is assigned a binary value by the base station. During normal operation the memory elements may be powered with a power supply voltage that is larger than the programmable core logic power supply voltage. Application to electronic payment. Various designs for capacitive and/or inductive couplings are provided, resulting in improved crosstalk performance.

1459827222-7b0af3c2-6c76-45ed-a438-ac76eb841071

Disclosed herein are isoxazole derivatives and uses thereof. The module is provided with plugs and/or sockets compatible with those of the apparatus so that the module is capable of forming a connector in series with the signal input or output leads. The plurality of layers may be of the same polymer or different, same concentration or viscosity or different and may be subjected to the same processing conditions or different ones to form unique structures. One or more memory cells and one or more reference cells are connected to the word lines, where the one or more reference cells include an erased reference cell connected to each word line. The stitched manifest is provided to a client and used by the client to request the combination of video assets for playback as one continuous video stream in an order specified by the stitched manifest.

1459827223-ac857027-635e-4b69-a96f-31e309cd6f4a

A method of exchanging digital public-key verification data whereby a first computing entity enables a second computing entity to obtain probabilistic evidence that a given public-key number  $n$  is the product of exactly two odd primes  $p$  and  $q$ , not known to the second party, whose bit lengths,  $l$ ) differ by not more than  $d$  bits. In a particular embodiment, the system includes a repository configured to store information comprising classification components. A central hub allows selective connection of one or more headsets to each other, or allows an instructor to selectively connect an instructor headset to one or more instructee headsets. If this high compression results in unacceptable fault coverage loss, the top-up patterns for additional coverage are generated using the low compression codec.

1459827223-bbcc07ec-00a3-4f37-a689-2ac00ad28f79

A method and a system are provided for encoding and processing digital information.

A coupling coefficient between a first inductance element and a second inductance element, an inductance of the first inductance element, and an inductance of the second inductance element are determined. The access device may be used to create a passageway to an anatomical structure, such as the patient's bladder. In another embodiment, the transmitter selectively transmits security codes at a default frequency which is selected because of a recorded count of prior apparent successful transmission. The second intermetallic layer is located on the second metal thin film layer, and the first intermetallic layer is located on the second intermetallic layer. The solder portions of the terminals extend beyond the rear face of the insulation housing.

1459827223-beff0e06-6244-4b23-a45e-556c5f91b2d3

UV curable compositions and methods for depositing one or more metal or metal alloy films on substrates are disclosed. The structural plate defines at least one degassing chamber and a half cell chamber opening. In one embodiment, each component of each motion vector is divided by two and used to generate an interpolated frame half way between the first and second frames. Each panel further includes a first side and a second side, with the first side of one panel coupled to the second side of an adjacent panel, and with the bottom panel resting on the surface.

1459827223-e8f65a73-8fab-418d-a531-ead17043cf3a

A semiconductor integrated circuit device, and method of manufacturing the same, having a conventional-type lead frame with the die paddle removed. A liquid pesticide coating is applied to the particle surface. The assembly of the fibers into a network is based on interactions of nucleotide chain portions of different fibers. Next, the system searches in a database of icons, which are labeled according to type.

1459827224-3cdc2da8-a3c9-4db6-a373-7f35974d859a

The present invention is an electronic table tennis apparatus including an electronic scoreboard, a plurality of touch sensors disposed on a table tennis table for sending sensor signals to the scoreboard. The service providers are then sorted based on the scores to generate a list of service providers. Moreover, in the pressure-sensitive adhesive tape package, the release sheet is bent along a predetermined bending line with the adhesive tape, and the adhesive tape is sealed inside of the bent release sheet. The membrane is deflectable away from the bottom opening when the valve is in an open condition to permit any liquid in the vessel to flow through the bottom opening to an outlet port of the valve for dispensation into a suitable collection vessel.

1459827224-4bc00d91-c4f2-48de-81ac-f6fcc06aad11

A voltage-controlled oscillator comprising an odd number of delay stage circuits. In one embodiment, the present invention provides a device for measuring a body-tissue water content metric as a fraction of the fat-free tissue content of a patient using optical spectrophotometry. The bipolar instrument is connectable to a source of electrical energy having a first electrical potential connected to one of the jaw members and a second electrical potential connected to the other of the jaw members such that the jaw members are capable of selectively conducting energy through tissue held therebetween to effect a seal. From the selected net's topological route, this method then generates a geometric route for the selected net.

1459827224-6de35a2b-eab6-4217-a9fc-bed70df231ec

A process is disclosed for making CF<sub>3</sub>CF<sub>2</sub> or a mixture thereof with CF<sub>2</sub>. Compressed scan data subsets are stored, one at a time, in a memory of the test system. Text data associated with the video stream is parsed to identify a string in the text data that identifies boundaries of the portions of the video stream that are to be skipped during presentation by the DVR.

1459827225-9afea686-d67d-4641-9ca1-51aa50495366

An optical transmission substrate includes an optical transmission body provided in a through hole which has excellent and uniform propagation characteristics. The inputs include modifications to the manifest, updates regarding weather or traffic conditions, or other factors impacting the remaining deliveries. The present invention is also related to silicone hydrogel contact lenses made from this class of silicone-containing prepolymers and to methods for making the silicone hydrogel contact lenses. The second surface includes a second microreplicated structure having a plurality of second features. With this configuration, it is possible to peel a device from a substrate and also form a flat resonance mirror with less damage of crystal by laser abrasion, and further to easily form a high quality resonance mirror without increasing the number of fabrication steps.

1459827225-da1d999d-04d5-49f0-a784-cf8633ed87e8

This disclosure relates generally to valves, and more particularly, to gas valve assemblies. In some examples, a tumid implant device may comprise an enclosed sack membrane adapted to fit between bones in a joint. The capacitor voltage generated by the filter capacitor sets the bias point of the second FET such that the second FET comprises characteristics of an integrated precision resistor. An excitation input assembly is interconnected with the blade support and includes first and second actuators that act to concurrently apply forces or loads to the blade support. The liquid feedstock is delivered to a distillation column having two heating zones to effect dissociation of the feed stock thereby liberating the organometallic compound, which is collected as a vapor from the top of the column.

1459827225-e5070ba6-32a6-4e79-ada0-ac62b7c0b065

The present invention provides compounds capable of binding to an Fc receptor and modulating Fc receptor activity comprising a core lipophilic group in the form of an Aryl ring substituted with a group rich in p-electrons. The method can include at least one annealing step after the deforming step to produce the biaxially textured substrate surface. A plurality of eligible information sources that are capable of providing data at least partially responsive to the information request are identified. A detent assembly comprised of notches on the plug and a detent carried by the receiver permit the plug to be selectively indexed. In this state, the wiping member does not slide on the nozzle forming surface. The first guide member is movable between a third position where the first guide member is spaced apart from the second guide member at a predetermined distance and a fourth position where their distance is less than the predetermined distance.

1459827226-2bea5c28-b1af-4368-81aa-468b61bedb49

This invention relates to co-crystals and salts of CCR3 inhibitors of formula 1, pharmaceutical compositions containing the same, and methods of using the same as agents for treatment and/or prevention of diseases related with the CCR3-receptor. The industrial machine includes a dipper, a crowd motor, and a hoist motor. The camera having a lens is provided in the revolvable case, and the lens is exposed through the opening of the revolvable case. The plurality of plane mirrors are disposed between the avalanche-type photosensitive device modules. An insulating film formed on the surface of the inspection electrode is broken by utilizing a fritting phenomenon so as to bring the inspection electrode into electrical contact with the inspection electrode. The head may be an integral member and may include a self-reinforcing wedge which joins the helix to the head.

1459827226-a03bea55-17a5-4785-bf63-16ea395c73cf

A device of dynamic communication of information allows, on the average, non-integer bits per symbol transmission, using a compact code set or a partial response decoding receiver. An implant is introduced into a large end of the sleeve and extruded into a surgical pocket of minimal access incision size through a small-sized end of the apparatus. A slidable vacuum seal maintains a vacuum in a



sample chamber for tools that require a vacuum. A green gamma voltage generator has at least one variable resistor to generate a plurality of green gamma voltages and control the plurality of green gamma voltages such that said brightness value can be changed in correspondence with each of said various modes. The lid has a first section overlying the first chamber and a second section overlying the second chamber.

1459827226-c3fb33c5-54ba-45a2-b6c3-acab2b9d7dfb

A method is disclosed for a device to interdependently validate a digital content package having a piece of digital content in an encrypted form, and a corresponding digital license for rendering the digital content. The mid-package film layer has laser ablated holes and an adhesive layer on both faces providing adhesion between the upper micro-molding, the mid-package film layer and the lower micro-molding. Alternative manners of coupling orifices in the fluid flow besides an orifice holder can be employed.

1459827227-42d94651-a011-4ebc-9c61-ec7400365220

A process for replacing a first soft-top of a convertible-top of a motor vehicle with a second soft-top includes separating the first soft-top from a headliner of the convertible-top and removing the first soft-top from the convertible top. The more than one wind outlets respectively work in coordination with each diffusion plate sets. It is aft to allow an auxiliary control in the elevator signal to cancel the unwanted pitch up moment caused by the spoilers only going up and being aft of the center of gravity of the aircraft. The tile also includes a first formation at or adjacent one side edge, and a second formation at or adjacent an opposite side edge that, in use, interlocks with a corresponding said first formation of an adjacent roof tile. The control circuit is coupled to the data path and is configured to select one of the timings responsive to a detected phase difference.

1459827227-a672815f-99bf-485e-8e6e-92ebb37ff74e

The present invention relates to methods and systems for densifying liquids, specifically the densification of cryogenic propellants. 2,9-dichloroquinacridone is added to the milling composition of the crude gamma or crude beta quinacridone. The rear end of each of the running boards is attached to a fender. is supplied to a contaminated object to oxidize and dissolve a chromium oxide film by an oxidizing dissolving process.

1459827227-a73ed3e2-56e0-4ae2-91a0-206239f94ba1

A roasting oven having a large capacity heating well including a wrap-around heating element for heating the side walls thereof and a top heating element for browning. The main controller subsystem includes a one dimensional sliding mode controller subsystem to determine an estimated net wheel torque signal, an adaptive threshold subsystem for generating an adaptive threshold based upon the modified slip ratio signal and a clock signal, integral gain subsystems, a proportional controller subsystem, and a pressure limiter. The circumferential conduction block is also formed in a pulmonary vein in order to bridge the adjacent ends of two linear lesions, wherein each linear lesion is formed to extend between the pulmonary vein and another adjacent pulmonary vein in a less-invasive \u201cmaze\u201d-type procedure.

1459827227-b016fae2-62f3-4915-aa10-b2767f8a5c33

The connection topology of input terminals 2, elements 4a, 4b, 4c and 4d and load 5 is designed similarly to a so-called \u201cseven-segment display\u201d, which is often used to display numerals on an electronic calculator or a digital watch. The coarse wavelength response is achieved by utilizing an optical filter. The tool also includes a logic circuitry configured for receiving a set of meta-data wherein each meta-data includes identification data about the substrate and the process recipe being executed. The compressible seal member is molded around a portion of

the frame construction. Nucleic acid molecules encoding DcR3, chimeric molecules and antibodies to DcR3 are also provided.

1459827227-e9d2f395-98b5-439e-9f3e-f8d9cd99fb8e

An apparatus including a switch and a push-button coupled to the switch. In a particular embodiment, in response to receiving a user instruction to execute an application associated with a wireless protocol over a MIMO transmit antenna system, a method provides transferring a wireless probe signal to identify whether an external MIMO antenna element is available over another wireless protocol. The chemostat may also include a nutrient supply-line to supply growth medium to the growth chamber, and an output port to remove fluids from the growth chamber. By building historical profiles of the applications running on the multi-node computer system, the system can analyze the trade offs between power consumption and performance. This may be done by creating a smaller gastric pouch within the stomach directly from the interior of the stomach itself. It then brings about a further operation of the gas burner by igniting the gas burner.

1459827228-22bd2710-d049-40ea-81b7-57860793265d

A water jet assembly for in-ground pools or spas that includes a first chamber with a water inlet and a second chamber with an air inlet and a plurality of water outlets. In the event it is determined that the MEMS device is possibly operating in an unsafe mode, the laser may be turned off and/or the MEMS device may be shut down. The structure includes an organic first material and a second material different from the first material. The first memory cells and the second memory cell are arranged to irreversibly change their electrical resistance when the data is stored in them. A resulting glycoside Frondoside A stimulates lysosomal activity of peritoneal macrophages, phagocytosis and oxidative burst in the macrophages at concentrations significantly less than for acute toxicity, hemolysis and sea urchin embryo toxicity.

1459827228-28342693-3176-4227-bba3-ed1e8b827d90

This invention relates to novel analogs of the DNA-alkylating agent CC-1065 and to their conjugates. Each fiber array is inserted in a separate half of the connector, where each individual fiber is then supported through an aperture in a fiber array connector piece part. A user control apparatus, such as a remote controller, is utilized by a viewer to choose user control commands and transmit signals in response to the data processor which receives the signals in response to user control commands. The side portions cooperate with the bend surface to form the staples. The composition is both stable and environmentally acceptable. Further, the present invention is directed to a method of manufacturing the same.

1459827228-b883741c-19f5-4f13-84ee-10366944d4a9

The present invention provides sensor generating measurement information based upon a patient parameter measured by the sensor and a processor managing local output of the measurement information according to automatically detected control signals locally and wirelessly transmitted from a transmitter entering a local area of the sensor from a remote area. The invention more particularly relates to the design of adsorbent zones to be used in PSA prepurification processes that are expected to provide for extensions in PSA cycle time, thereby reducing blowdown loss and operating costs associated with the process. Brakes are provided to brake the extension and retraction of the portions of the arm, to brake the pivoting movement of the arm relative to the support structure, and to brake the pivoting movement of the patient care equipment support relative to the arm.

1459827229-9260c617-6697-4a88-9945-1a9e0b99f5de

The invention relates to an energy efficient, environmentally favorable process for the preparation of halogenated rubbers, in particular chloro- and bromobutyl rubber, that uses a common aliphatic medium of specific composition for both solution polymerization and subsequent halogenation of the rubber. The basic body

comprises at least 65% by weight of silicon carbide, and from 12 to 30% by weight of a constituent selected from silicon oxide or nitride. The inner panel is then positioned on the outer panel so that an outer edge of the inner panel is adjacent the bend line. To allow for a relatively fast network read cycle, cells that are spaced far enough away from each other as to not interfere with each other are allowed to transmit at the same time. a cable break, occurs on the main path, the optical signals are transmitted to the nodes over a reserve path. The above need can be addressed by, for example, determining an off-track condition has occurred when a light spot is located at least half-way from the track being recorded toward another track adjacent the track being recorded, and stopping a recording operation.

1459827229-dd391f4f-73c5-4fcd-8d3d-095f593ed8b8

A lid operating device for switching a lid between a closed position and an open position relative to a main body includes a first urging device for urging the lid from the closed position to a mid position before reaching the open position, and a second urging device for urging the lid from the open position to the mid position. A test tone having a first frequency is provided to the circuit for use in calibrating the circuit. The singulating and drive belts define a throat or singulating a mailpiece from the stack of mailpieces. The injection device further includes a flow regulator to control the flow rate of fluid in fluid connection with the outlet. The method further provides a method of controlling a hearing aid. The receptacle includes a dilatant material.

1459827230-10774fe2-9661-4059-b54b-e68f496867eb

The invention relates to a process for the isolation of -mesquitol in substantial yields from *Dichrostachys cinerea* and also the usage of -mesquitol as an antioxidantfree-radical scavenger. A traffic slot map is generated. Torque is increased as a plurality of driver discs eccentrically rotate about a central shaft member and engage an output member via low-friction, roller means.

1459827230-130fd77a-2396-49b8-97cd-466bda8b37d5

The invention relates to a compressed gas container comprising a block flange that is provided on an upper opening in its wall, a flange cover that is equipped with two extraction valves being screwed onto said flange. The radiant heating device includes a controller that differentiates a radiant energy amount of the radiant heater when the introduced air into the air-conditioner is the air outside the passenger compartment from when the introduced air is the air inside the passenger compartment. A first wing can extend outwardly from the first portion of the fuselage and the second wing can extend outwardly from the second portion of the fuselage, with the second wing being positioned above and forward of the first wing. Gathered data can be retrieved by an agent at a time just prior to communication. The filtering device is buried in the semiconducting substrate at a depth depending on the wavelength of the undesired radiation.

1459827230-3478f344-02de-4040-a552-fcccccfffd1b3

A replaceable ink container of an ink supply device includes an opening plug for plugging an insertion opening into which a male connector is to be inserted. The size of the restriction is selected to achieve a desired capacity reduction for the refrigerant system compressor. The controller can monitor the temperature within each processor core. The protruding head has a length along the longitudinal axis and a maximum width transverse to the longitudinal axis such that the length divided by the maximum width defines an aspect ratio for the protruding head that is equal to or greater than 1. The answer selection unit analyzes a correspondence relation among extension words included in a second search result, determines the feature word and a constructive part of an answer equivalent word in the second search result based on an analysis result, and selects a word determined to be an answer.

1459827230-4f8939dc-6e55-4c83-b5ba-31fdfcc068d8

Apparatus for stacking bales of hay into large bundles such as, for example, three bales high and seven bales wide, positions bands about the stacked array to provide a tightly bound, compressed stack of bales. Furthermore, a plurality of supply ports are provided to supply ink to channels and pressure chambers and separated from one another by beam portions. When the processor is interrupted, multiple packets aggregated on the network interface may be indicated to the operating system all at once to increase the device's power efficiency. The user is intended to perform certain flexibility exercises with the belt in contact with the fastening band.

1459827230-7972cf38-ba28-4c20-9bea-deb3fc05cf32

An apparatus is described for measuring surface topography of a three-dimensional structure. The image display apparatus includes a light source, a spatial light modulator, a total internal reflection prism, a projection lens set, and a reflector. The core network includes a shared label switching over SONET network.

1459827230-af864763-72e5-45fd-95f0-bfb9b512e888

A wavelength tunable filter capable of being driven such that reflecting mirrors move more distant as well as closer by using the principle that a direction of the electromagnetic forces changes depending on the direction of the current flowing perpendicular to the external magnetic field. In some embodiments, a method is devised for a client to synchronize information with a server. Scaled near-parallax and scaled far-parallax values are calculated, the calculation depending on the whether the focal length is greater than, less than, or within the range of focal lengths. The trip arm is part of a pivotably mounted actuator assembly having a movable end portion spaced from the pivot disposed adjacent a motion transfer member. Accordingly, the mistakenly judged static pixels can be found and modified to moving pixels, such that the accuracy of motion detection can be increased.

1459827231-8991deb1-5f16-42fd-925e-b2015325b1ef

A system and method for intra-device data protection in a RAID array. The negative feedback path contains two resistors which are connected in series and whose common circuit point is connected to the inverting input of the operational amplifier. The door may be lifted at any time without power and after a set amount of lift powered movement is triggered moving the door to a preset height, pausing the door at that height, and then resuming gravity deployment. The intrusion detection module then determines whether the packet is an intrusion attempt.

1459827232-12a2da95-c1c9-489f-b243-8d3b10905b38

A blade root extender for a wind turbine assembled between the blade root and a hub fixed to the wind turbine's nacelle. The spot welding apparatus is capable of firmly spot welding workpieces made of high tension steel even if there is opening between the workpieces. The clips and methods of the present invention may be used, for example and without limitation, for repairing tears and other defects endoscopically. As the telescoping cylinder is lowered back into the columbarium, a push arm forces the pivotal plate to pivot causing the urn to roll off the pivotal plate and onto a ramp that allows the urn to continue by gravitational force to the base of the ramp for permanent storage. Further more, the rows of base matrix Hb can be permuted such that every two consecutive rows do not intersect. Using the contact pads, which are generally formed with a large area, the evaluation signals can easily be tapped off by a tester.

1459827232-2bc491eb-b0bb-4a1f-aea0-dc51beaa8c72

Irradiation devices and methods of amplification and irradiation are disclosed for displaying pixels and Surface Enhanced Raman Spectroscopy analysis. In one example embodiment, such a method includes first selecting a sub-window of a digital image. The first component defines a channel extending between the two opposing ends. The user may then input data into the form, and receive a new advertisement in the same

location as the old advertisement upon completing the form.

1459827232-77d3442b-82fc-410a-b4c8-ae681fe63f9a

Apparatus for clearing of an obstacle if the smooth transfer of a head is interfered with in an apparatus for reproducing data recorded in a recording medium having address information. The network device has a plurality of ports, with each port of the plurality of ports having a plurality of priority queues. Image elements are stored in the computer memory in an order defined by the offset of each image element.

1459827233-142d7ad3-4d60-412e-8f5b-b7007dd895fc

In general, this disclosure describes techniques of determining a backset for client devices attempting to download data of a live transmission. In order to enable such a device to change the orientation of slice images during the treatment in a simple and interactive manner, according to the invention adjusting means are provided on the part of the medical instrument which projects from the object to be examined in order to change the orientation of the slice images reproduced. Along the exterior side of the flux return pieces, is a magnet that is between a top plate and a bottom plate. While the cellular telephone is docked, a charging circuit recharges the cellular telephone battery.

1459827233-2c993760-b78d-4883-8704-e9c04121f2a4

The present invention relates to methods, materials, and products for forming a foamed product, comprising the steps of combining an epoxy-based component with an amine-based component. The resilient member includes a plurality of arms including a medial arm extending along the medial side of the sole and a lateral arm extending along the lateral side of the sole, wherein an end of the medial arm is connected to an end of the lateral arm. While a mobile terminal 110 is present in a service area of an exchange 131, a subscriber profile is changed only in the exchange 131. In alternate embodiments the sensor apparatus includes integrated optical elements, free-space optics, and direct laser-diode sensing. The packaging film can be subsequently lidded by conventional sealing methods to produce packaged dosage units which are suitable for sublingual and other oral applications. The invention further relates to assays for the identification of agents that modulate GPR43 ligand binding and signaling activity, as well as compositions consisting essentially of an isolated GPR43 polypeptide and an isolated short chain fatty acid.

1459827233-c6cd4d85-4f48-4257-96be-7ea597353f5d

A jewelry box including a pair of clamshell members joined by a hinge, a jewelry holder in one clamshell member and a display device in one clamshell member. The apparatus determines at least one data length in accordance with each receiver based on a number of symbol for the frame to be transmitted, determines a maximum data length among the at least one data length, and determines a length of the frame in time domain based on the maximum data length. A next step includes transmitting symbols carrying the non-quantized weight information and non-precoded pilot symbols by the BS. A threaded rod is rotatably mounted to the cover and engages the threaded surface of the squeezing device when the cover is closed and disengages the threaded surface when the cover is opened.

1459827233-f888c0cd-7f15-45f3-8e4a-0c599ce8d4ea

The invention relates to a vector capable of being replicated in cultures of unicellular organisms, this vector containing a gene coding for a eukaryotic protein having the biological activity of a membrane receptor and interacting with a regulatory protein called the G proteinable to bind molecules of guanosine triphosphate. The insert and ginning rib have an outer profile so that seed-cotton in contact therewith is urged away from the ginning zone formed between the ginning rib and saw. The antibiotic additive prevents surface dry, improves storage stability and inhibits propagation and growth of bacteria in an ink and has

excellent compatibility with a general dye or pigment. The baseband frame includes a deleted null packet field indicative of the number of deleted null packets, and the DNP field comprises at least one of a first DNP or a second DNP.

1459827234-1a6283d2-5948-4e6d-baf0-4d1e5e115cfc

An apparatus including an electrical switching device to control current to a load and a second case arranged to substantially encapsulate the electrical switching device. The clock recovery circuit is configured to output a data recovery stream and a data recovery clock based on an input signal and a clock signal. Bolts may be pre-located through the closed holes, with nuts threaded onto the bolts, but not tightened.

1459827234-c8984e78-c822-4f9d-bd31-b8f2b7b779e1

A method and apparatus is used to provide DC stabilization and noise reduction in a multistage power amplifier. The fluid-delivery conduits receive liquid from the chambers in the reservoir and deliver it to the dispensing head. A plurality of closely-spaced barbs are disposed on the body from the pointed end of the connector to a predetermined location on the body. The grooves open radially outwards and extend at least partially in the longitudinal direction of the fixture member, and each groove is, at a forward end thereof, connected to one of the cutting recesses for collecting cut-off bone material circumferentially around the inner wall of the cavity during the insertion of the fixture.

1459827235-1b805f30-f648-4f37-a7f6-58d0ac545186

A lubricating oil composition is disclosed which comprises a major amount of an oil of lubricating viscosity; one or more non-halogen-containing oil-soluble titanium complexes comprising at least one ligand comprising an anion of a carboxylic acid; one or more dispersants; and one or more detergents, wherein the lubricating oil composition is free of any zinc dialkyldithiophosphate. User networks connected to respective interfaces IF-A to IF-D are connected to the control function parts 41C1, 41C2 to which they are previously associated, thus implementing communications between a plurality of user networks with a single system. Additionally, the method includes directing the EM radiation through one of the first and second substrates and onto a region of the thin film until the first and second substrates are fused in the region. Another aspect provides a bioreactor having a plurality of gas permeable, closed-loop chambers for cell or tissue culture. The contact interface is moveable between a connection position, wherein the contact interface engages the wire, and a release position, wherein the contact interface is disengaged from the wire to enable the wire to be removed from the receptacle. Metered quantities of such particles are admitted into a stream of fragmentized tobacco leaves before the stream is draped into a web of cigarette paper or the like.

1459827235-575df7a7-3ad8-4367-b7ac-78c581eca82d

A coating device for coating a coating solution on a web has a roller and a weir which partially constructs a solution store space. The marine seismic data is generated from an underwater seismic sensor that is subject to an interference effect. The pivot arms rotate or pivot in response to moments generated by accelerating or decelerating the wheelchair thereby raising or lowering the front caster through the rotational movement of the pivot arms.

1459827236-92a88c3c-9b88-41d6-b39e-1612b7ecce81

A driver is provided to manage launching of tasks at different levels of priority and within the parameters of the firmware interface. A sleeve may be disposed around the torch head body to define a flow channel over the torch head body. A nearly symmetric parametrically-disciplined inertial wave gyroscope that can oscillate in any transverse direction and has more than one bias electrostatic electrode that can be independently driven at twice its oscillation frequency at an amplitude and phase that disciplines its damping to zero in any vibration

direction. Then a set of phase variances for each carrier of the number of carriers is obtained, where each phase variance is a difference of phases of a carrier in different symbol durations. A driving force from a driving motor is transmitted to the conveying gear via a planetary gear. A contact cell aspect of the porous medium and a method aspect are also provided.

1459827236-996d9b38-02a5-4bd4-b3b5-9e8f925fafa4

Methods and apparatus for selecting digital coding and/or decoding technology for programming and data delivery over, e. The header information associated with each packet, together with a routing algorithm, routing topology information and internal OPTR state, is used to route each packet to the appropriate destination channel and to make timing decisions. The sidewall may have recessed columns to resist bending, leaning, crumbling, and/or stretching.

1459827238-5eeb7ef6-7bd0-4b49-a662-f66eb359623b

A deployment module of a RAID deployment management system integrates vendor-specific RAID configurations into a vendor-independent infrastructure with a RAID configuration utility that translates vendor-specific formatted configuration information to vendor-independent formatted configuration information. The developing roller includes a developer carrying member in the form of a hollow cylinder, a flange member provided at an end of the developer carrying member, and a magnet provided in the developer carrying member. The user group includes a user that inherits the user-level access privileges of the user group. One temple bar encloses the top half of the frame. Further provided are methods of treating a neurodegenerative or peripheral organ disease in a subject by administering a therapeutically effective amount of the disclosed GDNFOS nucleic acid molecules, peptides or compositions. The engaging device leaves the second energy absorbing member unengaged with the attachment bracket under a low-impact load condition, and has the second energy absorbing member engaged with the attachment bracket under a high-impact load condition.

1459827238-e093e9e4-fa53-47d1-827a-20c4f52a7955

A system and method to control imaging devices in a single-pass multi-color electrophotographic printing machine that includes a photoconductive member having a timing aperture, the photoconductive member moving along a path in the printing machine, and a plurality of imaging devices, each one of the plurality of imaging devices writing a latent image on the photoconductive member. In one embodiment, the watercraft lift includes a pair of longitudinally extending and approximately parallel floats with an apparatus for supporting and lifting the watercraft positioned between the floats. The simplified connection matrix is used to determine a probabilistic data flow through the components without data flowing from any component to itself. When spraying the fluid, the invention pulses the fluid at desired rates to create a substantially uniform layer of ozone-rich fluid on the workpiece.

1459827239-27261899-3f07-4a4b-9f50-d83ac6660015

An article acquisition game apparatus includes a storage unit storing articles, and an article transferring unit enabling a player to hold the articles in the storage unit and transfer the articles to a predetermined transfer position when the player operates an operation input unit. The P device learns the address of a local CE device by monitoring the control messages, such as address resolution messages, originating from the local device. Additionally, position information can be used to determine the probability that the signal received will be a reflected signal. The method further includes repeating the first pass until each of the pixels of the selected image tile is processed, performing a second pass to process the blocks of pixels, and repeating the second pass until each of the blocks of pixels is processed.

1459827239-961a2c72-68dd-4ec8-8bd1-f48dcf46f6d0

A semiconductor structure with reduced inter-diffusion is provided. The single-piece swirler includes a center body extending axially along the single-piece swirler, a first fuel passage inside the center body, and a plurality of vanes extending radially from the center body. When the traffic exceed a predetermined threshold value, traffic is adjusted on the inner or outer cell. Iron sulfide agglomerations also provide consistent and improved sulfur recoveries compared to granulated iron sulfide additions with little to no sulfur odor.

1459827239-9cd65e0d-209a-4423-8b3e-7fa60fd66656

A method for large scale manufacture of photovoltaic devices includes loading a substrate into a load lock station and transferring the substrate in a controlled ambient to a first process station. The pre-chamber is designed to promote faster ionization resulting in more efficient spark to flame ignition, or beat to flame ignition and, in each instance, results in faster propagation of flame within the compressed cylinder, thereby achieving more efficient and consistent output in combination with lower exhaust temperatures. The internal diameter of the axially extending segments of the external body is adapted to the external diameters of the internal body. An annular projection is formed on an axial face of a second metallic ring. In addition, the subject invention provides a method of stimulating proliferation of lymphocytes. A main unit has a conveyance path that conveys sheets, and a processing unit that applies a specific process to the sheets conveyed through the conveyance path, and a multifeed detection unit is removably disposed to the main unit.

1459827239-acd9dfa8-380f-49df-9d81-3b253a1ee9b9

An image rendering device holds a table which contains color and brightness values at positions specified by two-dimensional coordinates, where the color values are aligned so as to express a gradation of color tone along one coordinate axis of the two-dimensional coordinate, and the brightness values are aligned so as to express a gradation of brightness along the other coordinate axis. A first image is produced and then overlapping additional images may be produced by the positioning one or both of the target object and the optical device to the pre-determined locations. Then, after a silicon oxide film is formed so as to cover the silicon gate electrodes, a surface of the silicon oxide film is polished by CMP, thereby exposing the surface of the silicon gate electrodes. The classification data may be used to select and generate the graphical objects. The Medley signal generator then generates a Medley signal which includes a set of Medley tones encoded based on the output bit sequence from the PRBS generator.

1459827239-b5327a10-9f53-4646-bc9c-4050066d2908

The present invention relates to salts of 2--2-methyl-1-pyrrolidin-1-yl-ethyl}-2-naphthalen-2-yl)-2H-pyridazin-3-one, processes for their preparation, pharmaceutical compositions comprising such compounds, method of using them, and a process for preparing the active agent. The data signal includes first and second sets of data, and the electronic device includes first to fourth receiving units and corresponding first to fourth registers. The method comprises: determining if a temperature of an electronic component is higher than a specific temperature; and if so, then reversing the computer fan for a specific amount of time as indicated by a timer. The user identification data includes compressed image data. A primary manual power control mechanism is configured to adjust the primary timing regulation circuit between the minimum power setting and the maximum power setting. The agent is essentially an amino-modified polydimethylsiloxane.

1459827240-015cc004-22e5-4fb0-8a0e-f7afdbe2c155

A magnetic recording medium of the perpendicular type, for a disc drive. One embodiment of the system includes an attenuator that controls gain of signals received from a radar receiver. A slot in the body's bottom surface, that is, the surface facing the ball, accommodates the shaft portion of the ball stud, adjacent the ball, as the ball moves into or out of the connector body through the opening.



1459827240-1785f349-3648-4466-bb89-247e78fcd73

A packaging 1 comprises a carton tray 3 provided with a flange 17 to which a relatively thick separating ring 15 is sealed. The clamping mechanism is adapted to clamp the strand within the exterior housing. An oxidizing gas is supplied directly into the inlet channel for the mixed gas flow. This prevents the insulating substrate from breaking when the chip-type component 11 is vacuum-sucked by a collet nozzle 19 to be supplied to a printed circuit board 17. The nitride-containing isolation liner reduces segregation of the boron in the channel region, as compared to an essentially nitrogen-free oxide-containing isolation liner.

1459827240-22266de1-c7f3-466d-a0bd-518e5475b5de

An object of the present invention is to provide a method for manufacturing 2,6-DMN, in which even when a mixture containing DMN isomers which includes 5 wt % or more of 2,7-DMN is used, a highly pure 2,6-DMN can be obtained. A selected cell is then written to one of two storage states, and second readout is then carried out. Certain embodiments of the present invention may transmit different information on the different modulation layers. A scanner with a small maximum scan range is used as the probe-side scanner 10; a scanner with a large maximum scan range is used as the sample-side scanner 11; and both can be switched between each scanner for use according to the observed targets or purposes. During a time period while the display instruction correspondence screen is being displayed, the display control unit displays the execution correspondence screen when receiving the first execution instruction, but doesn't display the execution correspondence screen when receiving the second execution instruction.

1459827240-8b66a543-4afb-406f-a3f7-19dca24aa739

The present invention provides rapid diagnostic assays for the detection of Leishmania which can readily be used in the field, leading to more rapid treatment. The system is implemented by establishing a communications interface to each process sharing the resource data. At least one logical device and at least one host are assigned to a cluster group.

1459827241-1115ecf1-8e85-4cfb-9e43-8fb55f5bf00c

Pixel image sensors with lateral photodiode elements and vertical overflow drain systems. The blocking outlet installs in a conventional wall-mounted electrical box, providing access to building electrical wiring. At this time, the orifices each have a diameter of 100 to 300  $\mu\text{m}$ , a length of 200 to 2400  $\mu\text{m}$ , and a ratio of the length to the diameter of 2 to 8, and are spaced apart from each other at intervals of 2.

1459827241-9277fff0-44c0-4f3a-9177-ac3853f1fd9e

Non-corroding cleaning compositions for cleaning exterior surfaces of a vehicle are disclosed. The cartridge includes a rotating internal barrel that is loaded with a plurality of seeds, where the internal barrel has a plurality of conduits for accepting the seeds. The wave spring and the snap ring are rotatable with respect to each other. The strip-form body and the inflation insertion portion are displaced from each other by a step formed by the bracket, thereby forming a gap disposed between the strip-form body and said inflation insertion portion. If so, a database associated with the second messaging service is populated with the matching user identities. Specifically, the present disclosure relates to ATVs having an ergonomically designed footwell leg recess to allow the rider's leg to be received therein while standing.

1459827241-ba566fc9-f773-4a7d-a06b-94c64a48614d

Bang or bang-bang control is applied to interleaved power converters. Each of the first and second splitting devices have respective first and second input ports, respective first and second output ports, and a respective transfer matrix. Some embodiments include override switches which permit the window to be made

transparent at night and/or during cooler months when sunlight is falling directly on it, and some include an override switch which permits the window to be darkened during daylight hours in warmer months. The modulator provides a first voltage when the data signal is at a first level and provides a second voltage when the data signal is at a second level.

1459827242-481609d0-b5dd-4a17-9c9d-1eb16b4541c7

A combination floor structure includes multiple main boards, and multiple connecting boards. Accessories that attach to the front, sides, rear and bottom of the vehicle can connect to the chassis via a tab and slot system. The peripheral may communicate sensor data from its sensors to the data processing system, which may be a wireless PDA, and the data processing system analyzes the sensor data from its sensors and from the peripheral's sensors to decide how to configure the peripheral and/or the data processing system based on the sensor. It is preferable that the content of the at least one kind of a monomer selected from among aromatic aminocarboxylic acids, aromatic hydroxyamines and aromatic diamines is from 0.

1459827242-6cc6a50f-6643-42d7-a701-ef31762bd3d8

A Robust Model-Free Adaptive controller is disclosed for effectively controlling simple to complex systems including industrial processes, equipment, facilities, devices, engines, robots, vehicles, and appliances. The time-out counter is programmable up to 16-bits and allowing the software selection of the time-out length. A detecting processor detects an amount of change of an image sensed by an imaging sensor mounted in the optical device. The rotational speed command value calculation portion controls the pressurized oil to be supplied to the hydraulic motor at a flow rate required. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV.

1459827242-a8a85d81-fccc-4cd9-b03b-01ed0694f5d7

A life jacket provided with a heating unit, capable of preventing a person wearing the life jacket from dying due to hypothermia after the person has fallen into water. Each document of C has a timestamp and an associated timestamp index. 0\xd71017 to 20\xd71017 atomscm<sup>3</sup>, and a nitrogen concentration of 1. The mobile device may determine and utilize an opportunistic transport based on a data usage and/or an access. A system and method for binding a GUI element in a program to a data target for live measurement data are also described.

1459827243-00a54141-38c8-437f-9c69-d5878d40fd1f

A multi processor task allocation method is described that considers task dependencies while performing task allocation in order to avoid blocking of a task's execution while waiting for the resolution of the dependency. As an example, some embodiments of the present invention provide methods that include receiving a data set to be written to a plurality of multi-bit memory cells that are each operable to hold at least two bits. The structural part is at least partially heated and quenched in a holding tool acted upon with a coolant.

1459827243-0c3f4c1a-7572-4796-8f2e-0a1b70709143

Methods for roll-to-roll deposition of optically transparent and high conductivity metallic thin films are disclosed. The ordered set of m memory banks includes a first and a last memory bank, wherein m is an integer greater than 1. A gap of the wound conductor of the coil body varies as the charging area of the case varies.

1459827243-35d46b61-44ac-41f1-b6f8-cba938935cd0

A backlight system for a liquid crystal display includes a substantially planar, refractive waveguide having a first major face and a second major face opposite the first major face. The plunger holder provides drainage to avoid mildew and a removable drip tray for easy cleaning. The retainer permits rotatable movement of the first detector about the axis of observation centerline. The silicon-comprising surface is exposed to activated nitrogen for a time of at least about 20 seconds to

convert the silicon-comprising surface to a material comprising silicon and nitrogen. At least part of the real-time traffic of the second traffic class is re-transmitted by the transmitter if the transmitter has received an error report from the receiver within a predetermined time period.

1459827243-5fc4599d-e1d3-4ade-a1ee-f3fc5303e633

In addition to the contactor and reactor arrangement, a hydrothermal treatment system includes an effluent stream splitting arrangement for receiving hydrothermal reaction effluent and splitting this effluent to produce two separate effluent streams. In the step of exposing the light pattern is formed by illuminating a mask with excimer laser light having an annular shape. The tracking server then uses the unique identifier to correlate the information on the downloaded application with the information originally stored at the time of clicking on the web advertisement. The tool also includes a piston concentrically aligned with the rotor and shaft to engage the shaft.

1459827243-b4fffa2a-42f7-41e3-bcc7-bb0a4dd8bf55

A rotating display holder for VCR tapes, DVD's, and video games. The suture snag is moveable between a deployed position in which two distal arm portions thereof radially extend away from the elongated body and a retracted position in which the two distal arm portions are disposed within the elongated body. The invention further relates to genetic complements of plants of variety CH254441. During focusing, the first lens group G1 is moved along the optical axis X.

1459827243-d5b8ee8c-d6cf-4861-bd33-8401f88ba58b

The present invention provides an image processing unit capable of differentiating two images with a difference which the user expects to see, an imaging processing method thereof, and an image processing program thereof. Said brake actuator comprises a service brake unit with an electromotive drive system for clamping and releasing the brake, a safety brake unit with a pre-loaded spring device for clamping the brake, and a brake spindle for converting the movements of the electromotive drive system into a translatory movement for activating a brake clamping mechanism; especially for activating brake calipers. The die includes an active surface and a back surface, wherein the die is attached facedown to the first surface of the carrier substrate with conductive bumps therebetween. Each preprocessing unit feeds a delay unit that time-aligns the input to take into account dead time effects. A 2-hydroxyacetylaminopyridine compound represented by formula, and a method for producing a cyclic diamine derivative represented by formula or a salt thereof from compound through 1) Step A-1, 2) Steps B-1 and B-2, or 3) Steps B-1, B-3, and B-4. Electrical connectors can be positioned near to each other.

1459827244-3060cb3d-6a0d-4f6d-9407-05d37b6951c7

A method of identifying a valid version of a data value and voting on separate instances of the data value is described. The signals are de-multiplexed in the test apparatus and specific amounts of echo delay, echo magnitude, and line delay can be introduced for any selected signals within the group on the trunk. Movement of the actuation rod produces an output motion of the first bell crank which in turn drives movement of the first component. The result is subtle changes in sounds, in addition to synthesis of a variety of sounds, all from a small set of models.

1459827244-4c53f473-dbe6-4c45-a8cf-4e8dd5a01836

The invention relates to a method for the production of biosourced aliphatic polyester powder having a volume median diameter of less than 30  $\mu\text{m}$ , comprising: a step consisting in supplying an aliphatic polyester having an inherent viscosity of less than 0. In the most preferred configuration, the force transfer mechanism comprises two inter-connected first class levers that are driven by four pistons. A guide panel extends along a longitudinal edge of the outer

sleeve and has a length equal to or greater than a combined length of the stop panel and extension panel. The interface is connected to the optical part and to the control module, and the block for measuring basic operational parameters of the whole device is connected to the power supply part and to the control module. The two or more mass selection windows across the mass range can have fixed or variable window widths.

1459827244-61b21c4f-bd70-45fd-8de3-a4bea88719b7

Methods and apparatus for embedding and recovering an image for use with video content are disclosed. Based on an analysis of the average number of packets received at a receiver over a period of time, a buffer monitor cooperating with the receiver can trigger an adjustment to the playback sampling rate to account for mismatches in the sampling rates of the transmitter and receiver. The first and second substrates are aligned so that respective first and second component elements are each mutually aligned, and the first and second substrates are fixed together, so that the first and second elements are operatively connected one to another, thereby forming a substrate sandwich. The sensor heads make measurements at given sampling locations on the test object as the test object is moved through the gap. A speed measuring circuit that includes an input having a set of position signals and an output having a set of speed signals may include the method for measuring a rotary position of an electric machine.

1459827244-87d393f7-3abc-4f34-9f6e-5b7f2127ebb8

A method for generating a 400 Gbs single channel optical signal from multiple modulated subchannels includes carving respective modulated subchannels into return-to-zero RZ modulated subchannels having non-overlapping peaks with intensity modulators having a duty cycle less than 50%, and combining the subchannels into a single channel signal aggregating the bit rate of each of the subchannels. The access points are coupled by a LAN to the switch so that upon receiving at one or more of the access points an uplink signal transmitted over the WLAN by the mobile station on the common frequency channel, the one or more of the access points convey messages responsively to the uplink signal over the LAN to the switch. A processor in the communications device or on a network accessible by the communications device can generate the phone number register from frequently dialed numbers. The kava plants are grown in the mound material. The calculated response is then compared with an expected response to determine if the secondary actuator has failed. Then, the information communication terminal registers the extracted informations in its phone book in one registering operation by a user of the terminal.

1459827244-a958bdb9-7e4e-4dbb-9cf5-f9f2a6ed5a71

The present invention relates to a novel I-FLICE-1 or I-FLICE-2 protein which is a novel inhibitor of INFR-1 and CD-95 induced apoptosis. What can be achieved given a suitable setting of the object surface curvature is that a gravitation-dictated bending of a mask does not have a disturbing effect on the imaging quality. The PTT mobile numbers are validated and a PTT SDG call sequence is generated using the plurality of validated PTT mobile numbers when a call initiator input is received.

1459827245-86ebcbf4-2c58-4721-928a-e7a71689df73

A variable output assembly including a hydraulic pump disposed on a pump running surface located on a center section, end cap or other hydraulic mounting member. The molded unitary shell has a bottom portion and a back portion. The second bias generating circuit generates a second substrate bias voltage of N-channel transistor.

1459827245-973c0e34-65a0-4655-9925-706fdea9cddd

The present invention discloses an optical device comprising a container enclosing an insulating liquid and an electrically susceptible liquid, the insulating liquid and the electrically susceptible liquid being immiscible and being in contact with

each other via an interface, at least one of the liquids being at least partially placed in a light path through the container. A reaction unit having a biased fitting engagement attached to rail guides is movably maintained through the head, and a probe and switch are associated with different ones of the reaction unit and the head. The processing speed in image formation using the image forming apparatus can be about 1,000 mmsec or more.

1459827245-d1c54975-d69a-44b2-aed2-6c1b3e919e55

An infusion catheter includes a catheter body having a proximal end, a distal end, and two or more lumens extending therethrough. In one embodiment, the portable power module includes a container housing a gaseous fuel motor, an electrical generator drivably connected to the motor, and a motor coolant radiator. The present invention also discloses a variety of in vitro and in vivo uses for the compounds and compositions, including the treatment of arrhythmia and the production of local analgesia and anesthesia.

1459827245-e7d85bcc-4d70-4326-b165-6f98e64f1224

An adaptable cryptographic method and system provides updated digital signature key pairs in a public key system by providing, through a multi-client manager unit, selectable expiry data such as digital signature certificate lifetime data, public key expiry data and private key expiry data as selectable on a per client basis. An indexed rotatable multi-port valve is adapted to place the product end of each vessel in sequential flow communication with the product end of each of the other vessels. The antitheft apparatus includes an intruder detection part for detecting intrusion of an intruder, and an intrusion detection control part for controlling the detecting function of the intruder detection part during a period when the vehicle component is being controlled by the remote control device. The method further comprises displaying a randomly selected outcome of the primary wagering game, and in response to at least one triggering event associated with the first and the second bonus features, conducting the first or second bonus feature if the first and second bonus feature is active. The at least one tensioning component secures alternating ones of the plurality of compression components in adjacent ones of the plurality of interlocking structure sections in end-to-end, interlocking compression with each other.

1459827245-f6e51ba4-8489-4c03-8147-3cf359ff532e

The method and apparatus of data communications for a transmitter in a millimeter wave network are provided. The first polysilicon layer, oxide layer, and semiconductor substrate are cascade etched to define a first portion of a floating gate region of the cell and at least one trench bordering an active area of the memory cell. The first winding is capacitively coupled to the second winding. Second-precursors that do not become reactive intermediates or have an incomplete conversion to reactive intermediates are also transported to a deposition chamber and become an inclusion of the deposited film.

1459827246-2814feff-bae9-48ce-9a04-3365f07ec852

A method for using differential imaging for applications involving TEM samples by allowing operators to take multiple images during a procedure involving a focused ion beam procedure and overlaying the multiple images to create a differential image that clearly shows the differences between milling steps. The connector body may include a first layer adjacent the passageway, a second layer surrounding the first layer, and a third layer surrounding the second layer. In certain example embodiments, the anti-etch layer is formed using at least one ion beam.

1459827246-2bc093d7-adb8-4b5d-bb5b-5b739d534b2e

Mycotoxin adsorbents are produced containing an organically modified layered silicate, in which quaternary onium compounds contain at least one C10 to C22 alkyl group and at least one aromatic substituent, or containing a mixture of not organically modified silicate and a layered silicate organically modified at least

to 75%, referring to the total cation exchange capacity of the layered silicate. The apparatus includes a housing defining a chamber and a pair of light sources positioned on opposite sides of the chamber. A phase detector generates early-or-late indication bits for clock versus data transition times, which are accumulated and applied to a second order feedback control with two distinct feedback paths for frequency and phase, combined for correcting the controllable oscillator, selecting a sub-phase and/or determining an optimal phase at which the bit stream data values are sampled. The switching DC/AC conversion circuitry provides the variable supply voltage based on an adjustable power control signal.

1459827246-bb8a76dd-0d21-455a-a321-4088ff86e9f0

A mold having a pattern of a concavo-convex surface including protrusion and recess is prepared and the pattern is transferred to a resist layer formed on a substrate by an imprinting method. The upper platform can be removed and substituted for another; this allows the rider to replace worn parts for another such as the upper platform. The shared IO subsystem also includes a plurality of IO interfaces and a forwarding function.

1459827246-bc844c42-703b-462b-ad3b-8bc59d1b8462

An apparatus and method of addressing data losses when power to a digital recorder is unexpectedly interrupted during recording, and the file management information needed to play back digital content is not completely written to a disc. The sensor assembly further comprises circuitry for writing data to the data storage disk and circuitry for reading data from the data storage disk. The assay device allows the assay to be performed entirely in a flow strip format. The channel region between the two pn-junctions is photo-conductive to a second color. The pad-making device comprises at least one cutter by which a continuous band of absorbent material is divided up to produce the succession of pads, and the feed path follows a convoluted trajectory substantially of a C configuration. The resilient body is inserted into a service opening of a plumbing system to be pressure tested.

1459827247-744c92d4-7de4-4fc3-af87-7b156c8be4f0

A system for activating an object actuating system coupled to a movable object such as a gate or garage door includes a user command transmitter that is manipulable by a person to generate a signal representing an identification and a command. The tool mount and tool cooperate to provide the hand tool with a variable angle of attack with an enhanced power ratio for accommodating aged, arthritic and otherwise handicapped people. In general, such methods involve the attachment of chemical moieties to the sidewall and/or end-cap of carbon nanotubes such that the chemical moieties react with either the epoxy precursor or the curing agent during the curing process. The aileron uprigger includes left and right actuators actuatable in response to command inputs received from an operator through the operator interface and are connectable into respective left and right aileron control linkages of an aileron actuator assembly. An excitation apparatus associated with the receptacle to create a vibration within the receptacle.

1459827247-b078c3d5-785a-4126-8468-13db94141c6e

A slide switch includes a glider constrained by a housing which is mounted on a printed circuit board. The mechanism is placed between a processing element and a memory system such that write data is buffered and information based upon reads and writes is recorded. The internal electrode includes a main portion and a lead-out portion extending from the main portion to a side surface of the multilayer composite, and the internal electrode includes a ceramic powder at least in the lead-out portion. Also added to the output encapsulated frame is an encapsulation header that includes security information, such as a security packet index value used to identify a security association.

1459827247-ff17bb58-fde8-4d56-8ace-588b52fb4956

An apparatus for an ion trap includes a semiconductor or dielectric wafer with

front and back surfaces, a sequence of alternating conductive and dielectric layers formed over said front surface, and a bottom conductive layer. A set of pulse peaks having about the same amplitude and an amplitude greater than any other set of peaks are processed to determine a subject's heart rate, while data having an amplitude below that of the set of peaks is ignored. The system enables Application Service providers to set up customized Service Level Agreements with customers, and monitor, modify and control all aspects of these agreements, including billing, sales, Customer Relation Management, customer support and Quality of Service.

1459827248-1720eec1-3dc6-4ee4-932d-8e3f6ffcb559

The disclosure describes an external sensor attached to an undergarment worn by a patient that detects voiding information. The lookup table provides a match for a key in a single search cycle. The anode lead is connected to an \u201cupstanding\u201d portion of a leadframe. In one example, the persistent identifier may be a large random number assigned to a record at its creation. A trace analysing apparatus can then be used to reconstruct such omitted information based on a copy of the relevant storage element.

1459827248-18dc853e-e77e-4969-bd18-57d8d29351ea

A portable computer includes a housing containing a circuit component, and a temperature adjusting arrangement which has a thermally conductive section with a side facing approximately along an axis and thermally coupled to the component. A fluid-absorbing insert may be coupled to the inner layer for use in absorbing fluids. A processor is included for performing steps of the method. The control logic is adapted to introduce a substantial time difference between an end point of a first scan mode activation period of the input latching logic and a start point of a second scan mode activation period of the output latching logic. Based on the overall motion vector estimated between the reduced pictures, a correction motion vector calculating unit calculates a motion vector between two reduced pictures as a correction motion vector. The mask is disposed at a distance from a build plane and an optical imaging system is used to produce a reproduction of the mask on the build plane.

1459827248-971fa149-9bbc-4303-b791-af8ab75318a1

A method for manufacturing an organic thin film transistor having excellent characteristics by a simple process, and an organic thin film transistor are provided. The optical film laminate formed as a continuous web with the predefined slit lines for use in a continuous manufacturing system by laminating optically functional film sheets to liquid-crystal panels. The plate is positioned in proximity to the object such that the plate, which has a second temperature, and the object, which has a first temperature, are substantially separated by a space. The drawer presents the platform to an imaging device or system internal to the housing when in a closed, or imaging, state. A drink-through channel is prescribed from the chamber through to the spout. Humidifier includes controller that delivers flow rate, temperature and humidity of gases and then determines required power input to deliver gases as required.

1459827249-07505359-c699-423c-8d53-9510e85023f1

A method for making a sample for evaluation of laser irradiation position and evaluating the sample, and an apparatus which is switchable between a first mode of modification of semiconductor and a second mode of making and evaluating the sample. In practice different seals are known which are produced as three dimensional structures and then given to the customer. The restriction device is operable to form a restriction within the anatomical structure. Audio pitch is unchanged as it is slowed, and video frame rate is slowed as necessary.

1459827249-22b4af58-78c3-44e1-954e-0b41c4cbfd4c

A semiconductor memory device includes a sense amplifier that compares intensities of currents flowing through a first node and a second node with each other, a first

MOSFET having a drain terminal connected with the first node, a second MOSFET having a drain terminal connected with the second node, a memory cell connected with a source terminal of the first MOSFET, and a reference cell. The stitch holder allows for using smaller materials, a locking fastener and string, that are portable and take little storage room. To release the cover from the base, the second cover portion is moved to an extended position where the second cover portion is disengaged from the base.

1459827249-51828437-4a23-4046-ae44-d6111aede25f

Media-driven browsing methods, systems, and machine-readable instructions are described. For example, a semiconductor structure includes a first semiconductor device. Furthermore, the invention relates to food stuff, e. The methods, apparatus, media and signals described herein may provide improvements to DC to AC maximum power point tracking in an energy conversion system such as a photovoltaic power generation system. Based on the CSI, the AP performs MU-MIMO encoding and applies transmit beamforming. When a person steps on the rug one or more of a plurality of pressure activated switches are energized which, in turn, activates the circuitry and energizes the LEDS.

1459827249-8162cb88-8fd3-41b7-9efc-fd210eb360

Corneal epithelial pocket formation systems include a cutting head and a blade coupled to the cutting head. In accordance with the method, a feed stream composed of the carbon dioxide is cooled to effect at least in part, liquefaction of the carbon dioxide containing gaseous mixture. Similar approach is applied to a donor ENB as well as to corresponding methods and computer program products. The scenario analysis processing unit then reads a determined number of steps of the selected text scenario from the scenario storage unit and executes them.

1459827249-9ca623a7-84f0-42a9-8c67-03740e872382

A precipitated silica with the following physicochemical properties: BET surface area 35 m<sup>2</sup>/g to 350 m<sup>2</sup>/g BET CTAB surface area ratio 0. In one embodiment, the ignition coil comprises a housing, an outer core, an inner coil, and a coil assembly. In the illustrative implementation, the feedback cancellation loop can receive signals as input from a cooperating antenna array and provide output signals such as a feedback leakage signal to a cooperating. A first set of data that indicates how changes to a value associated with the first attribute are to affect a value associated with the second attribute is then stored. In a first mode when the light-emitting elements are energized, the photo active or photochromic material of the affixing layer is excited by the light-emitting elements.

1459827250-32cbf038-7fed-42a4-97be-d53a1eb152df

The present invention relates to compositions for the treatment of subterranean formations, and methods of using the same. This network monitoring system and method employ flow monitoring to analyze the traffic flow inside a switching device. In this case, a space between the cylinder and the hermetically sealed container is set smaller than a distance from the O ring to an end of the plug on the hermetically sealed container side.

1459827250-6deec6ff-9961-45f4-92c1-05e48892129d

Generally, the subject matter disclosed herein relates to repairing anomalous stiff pillar bumps that may be detected above a metallization system of a semiconductor chip or wafer. The epoch consists of a virtual instantaneous snapshot marking a consistent and valid file system image and a set of undo records that enable the file servers to roll-back to this fully consistent image associated with the file system. In some embodiments an output device, for example a center channel speaker, transmits audio signals to other output devices. The detection unit is disposed at least partially downstream from the shearing unit along the media conveyance path to measure the image densities of the shorn and unshorn image areas. The resonator element has an inner face which is radiation transparent facing an examination



region and a plurality of other faces disposed facing and spaced from an RF screen. The air flow path has a bypass segment passing ambient air to the evaporator coil in parallel with the noted first air flow path segment.

1459827250-c84dc079-b011-4419-b2ef-524ad3b26930

A method as well as a bonding installation for machining of wood workpieces. The hard film in accordance with the present invention includes in terms of composition, in which the L is at least one of Si and Y, and the a, b, c, d, x, y, and z each denote the atomic ratio, and satisfy:  $0$ . So that the pin does not protrude when a movable part is removed from a vehicle, in a further development, a ring is provided with bore holes and an annular spring which ensure that all primary-side transformer parts terminate flush with the vehicle floor. The conductors of each pair are clamped, in a direction transverse to the axis, by first and second forked contact elements, which are secured in the shell and are directed towards the cover. Upon the condition that the internal error is the multiple-bit error, the method records error information of the multiple-bit error in the storage system.

1459827251-40192739-293c-427c-82fd-df6deaa164b3

Described are herbicide compositions, in particular, herbicide compositions that are prepared from microemulsions containing herbicide compound in acid form, and methods of their preparation and use. The plurality of first small lenses is made eccentric in a certain direction while the plurality of second small lenses is made eccentric in one of the certain direction and a direction orthogonal to the certain direction. It is preferably the case, furthermore, that a positioningmounting unit which retains the tool in a radial position relative to the tool holder is arranged on a further carriage, which is guided such that it can be displaced in the longitudinal direction of the rails of the rail system independently of the first-mentioned carriage. For any given transaction within the transaction-based system a command handler and a protocol handler are dynamically acquired and bound to the processing flow to execute a desired operation on a remote and heterogeneous host system. The invention is also directed to a system, apparatus, and method for identifying data or transaction characteristics that may be used to most effectively identify a point of compromise in a payment transaction system.

1459827251-45b14046-b6c8-43cb-b471-54baa82c1d8f

An automatic cutting liquid supply apparatus which automatically supplies a cutting liquid to each tool of a machine tool in accordance with predetermined optimal cutting liquid supply conditions that include variations over time during operation. In particular, a forward error correction coding rate is adapted for individual channels while at the same time maintaining a fixed block size independent of the FEC coding rate. and does not react with water and also has an oxidation potential of about 4. A tensioning mechanism such as a spool mechanism or a lace keeper is attached to the flexible upper and engages the cord, such that the user can releasably tension the cord. When worn around the waist, it allows 360 degrees of movement by the dog. A correct angle of inclination of a line linking the lowest point on each respective razor blade and the lowest point on the rounded elongated lower member can be easily adjusted to between 20 and 30 degrees to fit the razor blades on the face of the skin for safe shaving of hair.

1459827251-d30e5629-13b5-40bd-95a5-e4b4f4c15aac

Apparatus and systems, as well as methods and articles, may operate to compare a set of desired power states associated with components included in an applications subsystem and one or more operations with a set of actual power states. Additionally, the industrial automation proxy server includes a protocol transformation component that converts the data associated with the legacy protocol to a disparate protocol. Debris removed from the filter element during the backwash process are immediately discharged from the system through a drain port.

1459827251-fc4a8d13-b044-4cdc-8ed3-fc5c323c6f5c

There is provided herein a membrane or film comprising one or more aromatic ionomers covalently crosslinked through aryl-aryl, aryl-ether-aryl, aryl-sulfide-aryl, aryl-sulfone-aryl bonds, or any combination thereof, wherein said one or more aromatic ionomers further comprises at least one electron withdrawing group adapted to improve oxidant resistance of said membrane or film. A reader having a reader head is mounted to the frame for receiving a data signal from a data-associated item to be read when the article is brought within a proximal distance to the reader head without requiring handling of the reader head by the user during scanning of articles. A method include identifying a peak of a plurality of peaks in a motion cycle of a noisy cyclic signal having irregular periodicity, wherein the peak corresponds to a point lying between two points with amplitudes below a predetermined threshold, comparing points before and after the peak with the peak, and identifying the peak as a local maximum when the peak is greater than the points. The invention also relates to a photosensitive detector in which the temperature gain drift correction means are included, independently of the gain image.

1459827251-ffb5668c-267c-4fd5-a313-61a72c5ad6cd

A motor-assisted bicycle and a power unit therefor in which the power unit is after-mounted on an existing bicycle frame without largely changing the design of the bicycle frame so that an assist power generated from the power unit is input into a chain drive. The context and spectral images are then combined to form a fused image. The first lens has a concave surface and a convex surface, and the concave surface of the first lens faces a reducing side of the projection lens.

1459827252-1e97e890-b63f-4175-a3dc-99b1d9f4fbb7

A method and system for identifying alternate contact information of a specific type; particularly, by providing an inputted Email address in a query, one or more alternate Email addresses can be returned to the query, using an automated database. The document scanner includes a document bed including a document positioning surface, and a scanning module slidably connected to the document bed, the scanning module manually movable across the document positioning surface. The method also includes obtaining magnitude and frequency data related to the reflected portion of the light signal at the first end of the multi-mode fiber; and analyzing the magnitude and the frequency data to determine a bandwidth of the multi-mode optical fiber. Processes for making the touch sensitive devices that include a touch sensor having an opaque passivation layer are also disclosed. The construct comprises at least chondrocytes incorporated into a support matrix processed according to the algorithm comprising variable hydrostatic or atmospheric pressure or non-pressure conditions, variable rate of perfusion, variable medium composition, variable temperature, variable cell density and variable time to which the chondrocytes are subjected. The elongate body defines a high head loss lumen in fluid communication with a first set of side ports defining a proximal infusion zone.

1459827252-9afecaee-fe0f-4f55-b234-56a069bbbef4

The oxygen transport reactor-based oven is an oven for heating articles, such as bread, using oxygen transport reactor-based combustion in order to recycle carbon dioxide, rather than releasing the carbon dioxide into the environment. The software stack can be stored on a flash memory device on a target device. The invention uses a set of diffraction gratings as the test patterns, and thin film metrology equipment, such as spectroscopic ellipsometer or spectroscopic reflectometer. Jetting streams promote washing of voids within the bit and of cutting surfaces.

1459827252-aa935d6b-617e-4a11-92a3-fe9a36b33f4f

This disclosure describes systems and methods for creating monolithically integrated electrochromic devices which may be a flexible electrochromic device.

Each channel may have a number of converters being parallel-input parallel-output connected converters, series input parallel-output connected converters, and parallel-input series output connected converters. It creates proxy objects based on the bi-directional relationship information for selected bi-directional relationship objects having bi-directional relationships.

1459827253-bb7a0459-51e0-400d-8752-5777dcb58387

A Gen-Set control system is disclosed. Terminal fittings are fixed to ends of wires and are held by the housing. A classifier is configured to classify the one or more the files into a classification category, where  $\theta$  is feedback position and  $\dot{\theta}$  is feedback velocity. The invention further relates to a system of safety switching devices of this kind. In this manner, the data stored on the array grows in a linear manner.

1459827253-d4e64a72-e84f-4d7e-90b9-a28c04846592

An improved ASIC design support system is described. The output of the apparatus is coupled to the gate of a switching element. One or more crush initiating apertures are formed in one or more of the walls of the ends of the beam to provide more controlled energy absorption upon corner impact so as to reduce or better control damage to the vehicle's frame. After a certain period of treatment the anodes and cathodes are reversed so that all anode of even wells are connected to the positive terminals of the source, whereas the cathodes of the odd wells are connected to the negative terminal of the source. Said aim is achieved, by using a back transformation, which determines a compensation value for each length change, resulting from the application of the weight impinging on the movable element in each kinematic chain.

1459827254-06304d18-90e5-4b21-8164-81e9a8699d11

A method and apparatus for forming an electrically and/or thermally conducting interconnection is disclosed wherein a first surface and a second surface are contacted with each other via a plurality of nanostructures disposed on at least one of the surfaces. In one embodiment, the intermediate dielectric layer is removed and the plates are shorted with a conductor. The reactor can further include a product removal system positioned within the reactor vessel and positioned annularly inwardly or outwardly from the delivery system. If the third transistor is not activated, the pre-driver logic provides the output signal. The layer has a saturation magnetization  $M_s$  ranging from about 1 to about 2,000 emu/cm<sup>3</sup>, preferably below about 400 emu/cm<sup>3</sup>, more preferably below about 200 emu/cm<sup>3</sup>, and may overlie, underlie, or at least partially fill spaces between adjacent magnetic elements.

1459827254-43c1cbbd-c24f-4d91-8770-e031bb9c0545

Method and apparatus are disclosed to enable rapid TV camera and computer based sensing in many practical applications, including, but not limited to, handheld devices, cars, and video games. The stopper includes a movable stopper member attached to a saddle and stationary stopper members attached to a bed. The information indicates that the user device wishes to access the secure server. If the message usage exceeds the threshold limit, the method includes adjusting one or more trading strategies at the client entity in attempt to not violating the exchange-based transaction message policy. By doing so it becomes possible to adequately reduce the density unevenness and graininess according to the duty of the image data. The current control signal is used to control a bias current of the LNA, so that cross modulation associated with the received RF signal is reduced.

1459827254-6c0594bc-2f92-48c1-9c2f-5fe295573714

A communication network having multiple codecs communicating voice calls between an originating network and a terminating network. The pin carrier includes a circular array of pins engaged with a driven cycloidal gear. A third exemplary method for designing an API includes: deriving an API for a scenario responsive to at least

one code sample written with regard to the scenario; performing one or more usability studies on the API utilizing multiple developers; and revising the API based on the one or more usability studies. A cheap and very small multi-purpose camera or sensor module can thereby be provided.

1459827254-7cc8138c-e4d4-485e-8afb-da64be273905

Ink is stored in a data structure that includes a mapping of the ink's coordinates from one space to another. The column comprises external protrusions that vary a girth of the column. The stopper block is held in place by a wedge-type stopper clamp which applies a clamping force to the stopper block in a direction transversely of the axis.

1459827254-fa71694b-8ad5-49d8-bf09-4cda570fee50

A spinal surgical system includes at least one extender mounted to an anchor engaged to the spinal column. In use the reinforced concrete hexahedral module can be cast-in-place or pre-cast and transported to its final position on the construction site and used as part of a building defining the space and ambience of said building. in a first recording medium, and retrieving corresponding anatomical chart data from a second recording medium, in which plural kinds of anatomical chart data are recorded, to transmit the retrieved anatomical chart data to the client terminal.

1459827255-2e3eca42-ea09-4dd0-a432-8beb2c7bf634

Provided herein are cleaning compositions that are particle-free. Preferably the interface is between plasma and red blood cells. An interconnect is formed by etching a recess into the dielectric layer, where the etching utilizes a hard mask that includes a first layer deposited over the dielectric layer. The beta can be adjusted by changing the size of the output transistor. A flexible scheme allows control to be shifted to be resident in various entities.

1459827255-60e3647a-4055-42c5-ad80-92b937e5c12f

A mounting unit that can be worn easily and in which size adjustment and lock release can be operated with a natural hand position is disclosed. Position of blades in flight guarantees they will always make a lethal cut on contact with an animal even before expansion. First and second resistors are electrically connected between the first balanced input terminal and the first balanced output terminal and between the second balanced input terminal and the second balanced output terminal, respectively. The molar ratio of the sum of strontium and calcium to the sum of the manganese, iron, strontium, and calcium is 0.

1459827255-ec2c494d-28dd-4f74-9d14-24f7791b106c

Method and apparatus for generating cryptographic credentials certifying user attributes and making cryptographic proofs about attributes encoded in such credentials. A list of available servers accessible for monitoring by persons, devices, and applications via a remote monitor device can be provided. During a contact opening as stipulated by an overcurrent, a contact separator automatically travels into the space between the opened contacts, and can be returned from its contact-separating position by the external exertion of a force acting counter to the spring pressure. Upon detecting a second coupling of the portable sensor module to the patient monitor, the portable sensor module and the patient monitor resynchronize with one another to remove any differences in the configuration settings and to provide copies of any patient data missing from either the portable sensor module and the patient monitor. The drive cable has opposing free ends that are received in the first and second grooves of the mounting plate.

1459827256-184391ca-558b-4719-a3a4-abcd6a354262

Disclosed herein are various genes that can be included in immunogenic compositions specific for pathogenic E. The open shape of the gas flow rate adjusting portion has a portion that does not coincide in a plan view with the open shape of the vent

portion, and the overall open area of the vent portion is set larger than the open area of the gas flow rate adjusting portion. When the gateway of one network receives a data packet from a device in the opposite network, the packet's header is modified by changing the destination and source addresses, which belong to address spaces valid in the opposite network, into addresses belonging to address spaces valid in the present network. These assays are useful for diagnosing and monitoring a gastrin-promoted disease or condition, or for monitoring the progress of a course of therapy. The rack may be straight or curved.

1459827256-34fa9722-749f-455f-890b-ac6d25838081

A capstan motor for a magnetic recording and reproducing apparatus includes a stator having a coil disposed on outer peripheral direction thereof, and a rotor having a magnet to correspond to coil and rotated by an electromagnetic interaction between the coil and the magnet. An XML -based specification referred to as BPCL is used to describe business commitments. The MOS transistor circuit reads out a signal corresponding to charges generated in the photoelectric conversion layer and then collected, and that is formed in the semiconductor substrate, the charges having a given polarity. The annular band is connected to the radiating end of each rib-like structure such that the rib-like structures and the band together form a cup-shaped enclosure operable to seat therein a bottom portion of an exercise ball.

1459827256-7c1b1c06-b1ef-47f8-8069-264fbda3b289

A method for manufacturing a spark plug that can calculate, in measurement of a gap, an accurate gap regardless of inclination of a workpiece with respect to a measurement device and can manufacture the spark plug at high accuracy as well. An image and a search term are input to a pure adversarial OCR module, which searches the image for presence of the search term. The leg assembly includes a housing having a leg that extends downwardly from the support member to contact the floor on which the bed frame or bed rails are located. The drive system may be driveably engaged with the motor. The lever can be moved further after the housings are connected for moving the rear holder.

1459827256-8b67ba85-9dad-4393-a540-55a673be599d

Charging a secondary battery provided within wireless headphones is carried out in a reliable manner by a charger when the wireless headphones are not in use. The wireless telephone device displays the message on the display device when the wireless telephone device receives a call from the predetermined telephone number and then the call is cut off within the predetermined time period. The drawing device forms two-dimensional projected images by projecting the plurality of three-dimensional graphics onto predetermined planes. When the containers are collapsed and/or erected, the containers interlock for shipment. The second section has a pair of spaced openings of a size and shape to receive the pins, the openings being aligned with the openings in the brackets when the channel is mounted to the rail.

1459827256-9ef777bd-9432-4fa2-a3f5-6e903f880b23

Compression bonding tools having a CVD-formed pressing member with a non-reactive working surface are disclosed and described. The carbon-metal composite material which includes carbon and metal, has a sheet resistance of  $8\text{ m}\Omega/\text{sq}$ . The metal can be magnesium and the metal hydride can be magnesium hydride. The input signal size and FFT size are advantageously designed so that the output signals can be continuous with some overlap between two successive frames. For that purpose, a pair of airflow guides are provided at intermediate positions between each adjacent two of the printing heads arrayed in a travelling direction of a carriage, the pair of the airflow guides respectively located right and left in a direction perpendicular to the travelling direction of the carriage. Thus, the image bearing member for collecting remaining toner on the intermediate transfer member differs according to the mode, thereby suppressing the collection of remaining toner being concentrated on one image bearing member.

1459827256-cf7ff0a8-03e2-4fba-a75a-8e086977a389

A disk drive is disclosed comprising a disk having a plurality of tracks, and a head actuated over the disk. The sealant sheet has a tacking surface and a sealing surface. The tracks include periodic characteristics, e.

1459827257-0131b2a4-99f5-4155-ab8b-2758dd180691

A system and method for slack determination in a logic integrated circuit. The external cavity may employ a Littrow or Littman cavity arrangement. Internal olefin compounds, specifically beta-substituted styrenes, are used as ligand precursors. The first angular velocity sensor detects a first angular velocity value about a first axis in the first direction. The apertures provide fluid communication between an inner portion of the roll and a surface thereof.

1459827257-4949858f-3cab-452d-8ddf-7e27403cddb5

A system and method for capturing, displaying, and navigating text annotations in a non-modifiable document is disclosed. The trainline support casting is capable of partial rotational movement during use and is supported on a mounting bracket adapted to mount directly to a coupler head of a cushioned car coupler, insuring a constant distance from the end of the coupler to the trainline support casting and a constant distance of the brake hoses above the ground according to AAR standards. A cover closes the opening and comprises an elongated body of a resilient material including an upper region having a passage sized to accommodate the tailgate rod and lower region having a U-shaped slot intersecting the passage. A concentration of the first semiconductor layer is higher than that of the second semiconductor layer. A hand-operated mouth washing unit is connected to the control box through a hose capable of allowing the mouth washing unit to reach a desired position remote from the toilet bowl.

1459827257-e1fca3a0-d8ab-4f3b-b1f9-cbd6f1d2ac91

Flooring material comprising board shaped floor elements which are provided with edges, a lower side and a decorative upper surface. In preferred embodiments, a rear sight unit comprises windage and elevation adjustments for each of two sight elements, so that multiple ammunition types having different trajectories may be fired accurately from a single firearm after zeroing-in one of the plurality of sight elements for each of the different ammunition types. The assembly may include a pair of spaced apart packers for straddling the area of interest, an injection port disposed between the packers for injecting fracturing fluid into the area of interest, and an anchor for securing the assembly in the wellbore. The fingers or ribs of the liner of the invention may be oriented leftward or rightward in direction of cant, and oriented such as to face or incline toward the centerline of the transport vehicle, and behave or act as leaf springs.

1459827258-eeec6d00-6c20-4588-a93d-d2e1d4bf0393

An electrical power supply system connected to an electrical grid, includes at least one source of electrical power, an inverter which receives power from the electrical source and delivers power to a local load, and a connection to the electrical grid. A first embodiment detects on-hand inventory problems. The elementary active component is located in the elementary well or in and on the elementary well.

1459827259-00da3d63-1348-4e6c-b67e-e93ba29a6e7f

A radio circuit may be driven by a high frequency oscillator such as a crystal oscillator that may have sleep and wake time intervals. A site-specific mutagenesis method includes the step of: mutating the forty-first amino acid or the twenty-first amino acid of the xylanase gene by transforming asparagine to aspartic acid so as to form the mutated xylanase gene. The sensors may be positioned in the device such that the sensors may detect appropriate biometric information as the user operates the device, without requiring the user to perform a step for providing the biometric information. The headlamp is intended to generate a light

beam exhibiting high intensity along the optical axis and a limited extension below the optical axis. Bidders and sellers may not find such opportunities on their own in typical two-way trading systems. The compounds according to the invention are suitable for use as active compounds in pharmaceuticals, in particular in pharmaceuticals for treating arteriosclerosis and also dyslipidaemias.

1459827259-1d8a9d8a-6591-41f5-8542-6023c86ae5d2

A method of fabricating wafer level package is provided. The battery case is produced by deep-drawing, DI-forming, DTR-forming a surface-treated steel plate having glossy nickel or glossy nickel-cobalt alloy plating on the outermost layer corresponding to the external face of a battery case of a plated original plate consisting of a steel plate. Upon exposure to UV-C radiation, the halogenated polymer undergoes degradation and produces HCl. 25 diopters and covers an angular sector focused on the optical centre and whose angle is equal to  $160^\circ$ . Thus, a thicker second microlens with a short focal length is aligned above a thinner first microlens having a long focal length. The second contact plug is disposed in the second ILD layer and electrically connected to the first contact plug.

1459827260-31b87f5b-bab8-487f-b3b5-55100b0c0aa4

Disclosed is a multiple-gate transistor that includes a channel region and source and drain regions at ends of the channel region. Accordingly, compounds of the present invention are useful for the prophylaxis or treatment of 5HT<sub>2C</sub> receptor associated diseases, conditions or disorders, such as, obesity and related disorders. A gate bias voltage circuit section supplies a gate bias voltage to the high frequency power amplifier circuit.

1459827260-79ae3607-871f-4450-b8ab-edceea45a05a

Techniques for facilitating evaluation, in connection with the procurement or delivery of products or services, in a context of at least one of a financial transaction and operation of an enterprise, are disclosed. A carpet backing is heated to achieve a fluid or semi-fluid state and then subjected to intense vacuum to draw air through the carpet backing to create a porous structure. A handle is disposed around the gimbal assembly. With a view to increasing the joints' durability and reliability of welding seams the thickness  $\theta$  of the first coating layer as function of thread conicity K is adjusted according to the following formula:  $\theta=0$ .

1459827260-f12743fc-62b2-40cc-9705-5d12e9b147d1

A method and system that allows the user to fetch a subsequent web page while maintaining the current web page as the active web page. The SMD clock recovery and skew adjustment circuit incorporates a delay segment into the forward delay line and backward delay line that accounts for all or some of the non-variable portion of the asserted clock signal time period. A grounding probe may be placed at a first location on the transaction card.

1459827261-97d4101d-d4fe-47ba-ae13-9c25965fa081

Depletion-mode ferroelectric transistors are adapted for use as non-volatile memory cells. The laser emitter is formed with an exciting lamp and a laser rod. Thereby, the pattern densities of color pixel circuits respectively corresponding to the pixels for R, G, and B become even to each other, and the pattern defect rate as the whole pixel circuit is decreased. The graphics controller further includes a state controller configured to invalidate the state control data stored in the register and designating the low power-consumption state, thereby to maintain the logic unit in the working state. The large circular antisense molecule is used to treat any human disease in which modulation of gene expression can be beneficial to intervene in the disease initiation and progression. The demodulator, coupled to the signal processor, demodulates the processed data into a processed data according to at least one processing function of noise reduction, interference reduction, and signal compensation.

1459827261-bc251216-d160-4958-b33f-644ee97286f3

Systems, apparatuses, and methods for providing a consumer with an alert or other information regarding a payment transaction. The openings can vary in response to the heat of the medium passing through the openings. The taper angle of the tapered shape is such an angle that decrease electric field concentration around a junction portion between the source and drain regions and the amorphous semiconductor layer. An organic light-emitting device incorporates such a composite article to provide an extended life thereto. If a state of the model contains both controlled and observable invocations, a timeout transition is added to the FSM to give an implementation time to come up with an observed method invocation before continuing to controlled invocations. Importantly, the head suspension maintains the slider at a negative pitch static attitude.

1459827261-d0c28790-c4d1-4114-ae73-1ae0a2176e5f

The present invention provides nucleotide sequences from Coryneform bacteria which code for the PtsI protein and a process for the fermentative preparation of amino acids using bacteria in which the ptsI gene is enhanced. The method comprises at least the steps of providing a substrate having a first main surface and producing simultaneous at least one a TSV hole and a trench-like structure surrounding the TSV hole and separated by remaining substrate material. The tank safety valve release member is configured to be inserted into the tank outlet and move the tank safety valve to an open position so that pressurized gas can escape to atmosphere. The surface of the aft section decreases in curvature and becomes concave towards a rear end of the engine. The probe beam and the reference beam are polarized in different directions with respect to each other. Low-density silica coated magnetic particles in a display device allow for particles to move easily through a dispersion fluid in response to a magnetic field.

1459827261-dc487b3d-8d90-49a2-8e72-975d78ab493b

A process and apparatus for producing titanium metal is described herein. Thus making the hardmask optically planarized with respect to the photo-resist. , to enable an improvement in the color purity and to enhance the luminous efficiency.

1459827261-fe6da3f2-e87d-4ada-80ba-3b7110a70703

Electronic circuitry is described having a first transistor having a first gate dielectric located between an electrically floating gate and a semiconductor substrate. The paper feed assembly according to the present invention comprises a motor, a cage, a gear train, and a roller arm. % of a mixture of madecassoside and terminoloside relative to the extract total weight and their use for regulating inflammatory mechanisms. The method comprises the steps of:.

1459827262-09591c79-c350-4f9b-a439-80059c88c881

A semiconductor device in which defects in characteristics due to electrostatic discharge is reduced and a method for manufacturing the semiconductor device are provided. The user may then visit advertiser web sites and/or view/purchase products at their leisure instead of while immersed in the digital experience. The heat resistant cast steel comprises, by weight percent, C: 0. The mounting assembly may be adapted to fit the frames of Harley Davidson V-Rod model motorcycles by using arm extensions that connect the swing arm shaft assembly to the frame of the motorcycle. Other embodiments include a vehicle-mounted support. The methods involve assessing the stability and/or the conformation of an RNA target in the presence and absence of test ligands, and identifying as a ligand any test ligand that causes a measurable change in target RNA stability and/or conformation.

1459827262-4eef89f7-5753-4362-9bff-44077287f4a8

The invention relates to a visual content signal display apparatus comprising a receiver which receives a visual content signal. A photosensitive drum and a transfer roller are rotatably disposed in a space surrounded by the bottom wall,



the upper wall, and the side walls. The aspect ratio of the area of selected pixels is determined and a bottle reject signal is issued in the event that the determined aspect ratio exceeds a predetermined value. The secure agent has a secret key drawn at random from a large domain embedded in the agent by the first device. In accordance with the method, a period of time for adjusting the focus bias is very short, on the order of  $\mu$ s to several hundred milliseconds, in comparison with periods of time for adjusting the focus bias in conventional methods, such that the focus bias can be quickly adjusted. The control unit controls the ON time and the OFF time of each pixel of the liquid crystal panel, and then a low pass filter operation on the captured image as an image processing can be optically replaced.

1459827262-a309ffd9-aa71-47f4-a648-da4004130eca

An inkjet printer cartridge that has a. The illustrative embodiments bridge the mobile user into the conversation of the closest telephone operator for which the mobile user has bridging authority. The computer is also configured to receive health care data of a type related to claims information. The determination unit determines whether the article specified by the article identification data having its input accepted by the input unit is an article to be separately packaged or not.

1459827263-4819cba5-0976-4a96-83fb-d2d8773560b1

A vehicular electrochromic interior rearview mirror assembly includes a mirror casing and an electrochromic mirror reflective element. The elastic cord has a fixed end, the first handle located adjacent to the fixed end. The uop is to be executed by an execution system of a processor. In an exemplary application, signals are modulated using either Gaussian Minimum Shift Keying or Offset Quadrature Amplitude Modulation, and the decoder adjusts its operations to either one of these modulating methods based on its detection of the particular method used.

1459827263-d2d0e052-2f78-4f90-adc9-bc924ac57fd5

An item is stored by placing the item within an opaque sleeve with opposed open ends and inserting into each of the open ends a bottle holding a consumable liquid. The input or output, as the case may be, is linked to a coupling opening at the outer surface of the device via a channel. The driver stage is configured to generate a voltage potential at a driver output depending on an input current at the driver input and to provide a charging current to the capacitive element being higher than the input current. The rear plate and intermediate plate are supported by a linear slide guide on the slide table. In particular, the disclosure provides a nanocrystal having a CdTe core, a CdS coating over the core, and a ZnS core over the CdS coating, where the nanocrystal has a photoluminescence maximum between about 650 nm and 900 nm.

1459827263-d7e1dfe9-810e-40b0-8e7f-f2452dc2a4b9

A miniature image capturing lens includes an aperture diaphragm; and a lens system consisting of a first lens having a positive refracting power in which a convex surface of the first lens is directed toward an image; and a meniscus-shaped second lens in which a concave surface of the meniscus is directed toward an object. Scales are provided on the ends of the two legs and one long side of the first leg, respectively. A trench is formed in the multi-layer device stack. The residue can be generated by rectifying the input, multiplying it by two, and level-shifting it by half the span. The inactive selection devices are coupled to a current steering device. The heterojunction stack includes an undoped gallium nitride layer and a doped aluminum gallium nitride layer on the undoped GaN layer.

1459827264-4954b060-3419-44ef-848a-1aa053ad9648

A receiver for processing a VSB modulated signal containing terrestrial broadcast high definition television information and a pilot component includes an input

analog-to-digital converter for producing a datastream which is oversampled at twice the received symbol rate, and a digital demodulator with a data reduction network in a phase control loop. One of the antennas is selectively connected to the first receiver branch or to a transmitter circuit. The layer thicknesses of the structure may be spatially varied to modify the emission spectrum versus emission angle.

1459827264-7bc81dbb-2e54-4654-a98f-1387c02185ef

Disclosed are novel polyorganosiloxane, a polycarbonate resin composition comprising the same and a modified polycarbonate resin. Each spinal insert has a generally planar top surface having a leading edge and a trailing edge, a generally planar bottom surface disposed generally parallel to the top surface and including a leading edge and a trailing edge, and a beveled surface extending from at least one of the leading edge of the planar top surface and the leading edge of the planar bottom surface. In another aspect of the present invention the connection signal may be configured to shift a configuration of a peripheral device in response to one or more errors. Related methods and memory devices are also described. In an aspect, such tools can provide a wireless device with a temporary addressing number to allow the wireless device to send data to the network; this temporary addressing number, then, can be recycled to be used by another wireless device for accessing the network. In order to prevent occurrence of the non-existence region of the sealant due to the blocking of the sealant by the insulating portion, the insulating portion is constructed of a plurality of separated convex portions in contact with the plurality of the connecting terminals respectively to form a groove between the convex portions for allowing the passing of the sealant.

1459827264-a2b715f0-f094-4b1d-810a-14c8433ee190

A bumper adapted for mounting to a trailer is provided. The apparatus for reducing the electronic wave includes: a screening unit for screening the electronic wave; a rectifying unit for converting a ripple into a direct current; an accumulating unit for accumulating the rectified current, and a consuming unit for consuming the accumulated energy. The inner container may include a bottom inner wall, the opposing inner sidewalls, and a back inner wall to define a second cavity. Animals vaccinated with such a strain are protected against subsequent challenge with the parent wild type strain. The at least one stacked layer includes a floating body region of the second conductivity type provided on top of a floating body region of the first conductivity type.

1459827265-18e01651-bf77-4f4e-b6c1-7f687e37526b

Systems and methods for combining signals from multiple active wireless receivers are discussed herein. During operation, one of the vanes is positioned between the inlet and outlet to permit pressurization of meat chunks in a chamber communicating with an outlet opening. Even more particularly the invention relates to voicemail messaging with mobile terminals. Functions and settings in the secondary device are then adapted to the first user, based on the received identity information, to provide personalized usage of the secondary device by the first user. The network device may also generate a system response based on the P2P activity of interest probability.

1459827265-2ebb4db7-372f-405d-b580-d6b5630ab793

A voltage monitoring arrangement including a number of comparison devices, which corresponds to a prescribed number of voltage ranges, compares the value of an input voltage with a reference voltage and outputs a prescribed signal if the input voltage is within one of the prescribed voltage ranges. The laser also includes a semiconductor device having a gain region which is operative to amplify the optical radiation, and a wavelength tunable filter region which is adapted to filter the optical radiation. The tubular member is fixedly attached to the rear thrust end section of the fluke with the slot being positioned to permit the stock assembly to

be received by the stock assembly mount. The channel of communication for delivery of the offer is also characterized and combined with the consumer and consumer-offer characteristics to arrive at a net present value of the offer to be made. The two cryptographic secrets may be stored in separate storage locations, one accessible to the user and the other accessible to administrators. Also provided are methods of use and preparation of the polymeric indicator films.

1459827265-6d414a38-1799-4f92-b11a-b4a2d4904a2f

The invention relates to ranking Service Level Agreement violations. This disclosure describes methods of generating representations of credentials for groups of users or for individuals. The tilting means is arranged for tilting the body about a tilting axis extending substantially perpendicularly to both the first axis and the second axis. After assigning the initial bit value, it is determined whether a corresponding portion of the further channel is available for the message. The ratio of the outer diameter of the boss part to the outer diameter of the collar part is 4.

1459827265-c91c6334-c510-41e9-a332-bcda9c8aaede

An X-ray radiation detector is disclosed for detecting ionizing radiation, in particular for use in a CT system, with a multiplicity of detector elements. The surface of the zirconia ceramic material is first cleaned of contaminants. The priority and dependency data are stored in an LDAP callback configuration entry or set of entries. The compact disc could include a series of light reflective areas and a series of light transmitting areas. The invention can be used at any renewable energy site employing inverters wherein improved dynamic control performance is needed, including solar, wind, and tidal energy sites.

1459827266-9a37a24d-47fa-494c-9090-b0331a8f2027

A sheet presence detecting apparatus includes a plurality of dots including a control area whose display state can be controlled and at least one dot with a bright point including the control area whose display state is controlled to be in an always black state and a bright point area which is always bright. The fabric is a two end fleece fabric having a weight of between about 8 to 12 oz. The encoder and decoder process the binary information and, in some embodiments, switch coding modes.

1459827266-d6b90047-0d62-45e6-8052-53097c5e0f86

The present invention relates to a control method of a DA converter, a DA converter, a control method of an AD converter, and an AD converter that can suppress an existing n-th harmonic without using a large-scale circuit, such as a bootstrap. A first insulator and a second insulator extend over and encapsulate first electrode and second electrode. Bit lines corresponding to respective columns of the array are formed on the substrate and can be coupled to a modulation doped QW interface of the MC thyristors for the corresponding column.

1459827266-ebd1eb86-1bc0-4cf6-867f-2936cebebd26

A method for manufacturing a record includes an image layer-forming step of forming an image layer by applying ink containing resin and a solvent A to a recording medium, a heating step of heating the image layer to a temperature not lower than the glass transition temperature of the resin, and a solvent-removing step of removing the solvent A from the image layer after the heating step. The central portion, made of refractory concrete, is a parallelepipedic body with rectangular base and two chambers, one frontal roasting chamber where foods, placed on a vertically movable steel grill, are roasted, and a rear combustion chamber in which solid fuel or charcoal is transformed into embers that, by actuating on a crank, fall onto the rear chamber bottom. The apparatus further comprising a motion sensor for providing a signal to actuate the movable edge gripper to close and open the moveable edge gripper for capturing and releasing the substrate. In addition, a push manager allows the data consumer to register performance data items that need

to be handled, wherein the push manager calls the data consumer to process the performance data items at each time the periodic interval elapse. The invention further comprises a corresponding control method. Fluid that flows through the assemblies of the invention can have any material dispersed or dissolved in the fluid react with, be absorbed by, or adsorbed onto, the active particulate within the nanofiber layer.

1459827267-09eb245c-1cf3-4f23-a699-512d08c572b3

This invention relates to thermal spray coatings, powders useful in deposition of the thermal spray coatings, methods of producing the powders, and uses of the thermal spray coatings, for example, coating of piston rings and cylinder liners of internal combustion engines. A second stage that communicates with the first stage and the control input and that includes a current source drivers. The second support is movable relative to the first support in a cross direction. The server is further capable of comparing the total cost to drive the traveler's vehicle on the trip to the total cost to drive the rental vehicle on the trip.

1459827267-409b1102-22b2-4b00-99e4-ebb171b73154

The present invention discloses an exercise device which has a base, a vertical upright member attached to the base and at least one roller attached to the vertical upright member. The fan apparatus may be driven by a BLDC motor that stably drives the fan and increases an air flow rate. A sheave supporting beam to rotatably support cage-side sheaves is disposed in a space between an upper beam of the cage frame and a ceiling of the cage, and disposed below rotary shafts of the cage-side sheaves. If, however, the e-mail appears on the basis of the evaluation to be the last in a series of illegitimate e-mails or otherwise has characteristics inconsistent with the profile of legitimate e-mail usage, the e-mail may not be delivered and the postmaster and administrator at the source of the e-mail is contacted. The optical fiber is mounted, such that, the optical fiber is adjacent to and aligned with the light emitting side of the semiconductor laser.

1459827267-4c781ea5-fa56-4d0e-9472-c370925a2fd0

A method of testing a digital mobile phone network such as a GPRS or 3 G network comprises creating test traffic using an unmodified test mobile phone coupled to a computer, and using the computer to measure a parameter associated with the network's response to the test traffic. The fluid is an easy to handle, stable suspension of finely ground PBBMA in water. The synthesizer and the transmitter generate a signal in a first or a second mode based on the clock or mode signals. After one of the two beams is subjected to an image inversion, the two beams are condensed such that they interfere with each other. The technology enables real-time baseball gameplay between a first team associated with a first baseball field and second team associated with a second baseball field. Further, the DFC utility creates a zone ID for the FCoE endpoint device.

1459827267-9cebf2ae-1a12-4fcf-bee9-ec1b2793f92e

The present composition relates to fabric care compositions comprising an organosiloxane polymer. In the nonreciprocal circuit device, one of a plurality of matching capacitors is connected in series between one of a plurality of central conductors and a port of the central conductor. The microwave return signal is modulated by a moving target to produce a Doppler signal. The stationary arm is tapered forwardly, and has a front end distal from the front end wall, and an inclined contact face that is inclined rearwardly and gradually toward the insertion slot from its front end.

1459827267-ab196093-f749-484b-ad68-2ae2ef1538fa

SU-8 photoresist compositions are modified to improve their adhesion properties by adding 1% to 6% of an adhesion promoter selected from the group consisting of glycidoxypropanetrimethoxysilane, mercaptopropyltrimethoxysilane, and aminopropyltrimethoxysilane. A switch control is coupled to the switching circuit

for selectively coupling and decoupling the current probe inputs to the current sensing circuit such that the current signal continuously flows in the device under test. Dielectric layers containing atomic layer deposited hafnium oxide are thermodynamically stable such that the hafnium oxide will have minimal reactions with a silicon substrate or other structures during processing. The timer measures elapsed ozone treatment or exposure time.

1459827268-3ad23724-4394-4d2a-b0e3-207a3782f3db

A liquid crystal device includes a first polarization grating, a second polarization grating, and a liquid crystal layer. The system further comprises at least one processor for converting the incoming video data into outgoing video data as a function at least of one item of information delivered by a detecting element. The infusion pump body may include a carrier frame that may be adhered to the skin of a user. nonprofit giving, travel, mutual funds, savings, etc. The biasing element is coupled to the casing and the rotatable element. The dielectric coating is formed using a high dielectric constant material such as an organic polymer or an organic polymer mixture.

1459827268-64166129-2d0b-463d-8dba-4e00a7c64672

A decoding method and apparatus include providing capability for decoding data symbols that were encoded in a transmitter by either a serial-concatenated code or turbo code in a parallel processing fashion. The fuel hose comprises at least one layer including an innermost layer which comprises a thermoplastic polybutylene terephthalate elastomer containing a dimer acid moiety. The first body section is configured to attach to a drum.

1459827268-dbc6392a-dce5-44bd-bc6c-02fafb2c1cc3

There is provided an optical adaptor mounting metal fitting for mounting an optical adaptor through a panel without wobbling and an optical adaptor with the mounting metal fitting attached thereto. With respect to a gray-level achromatic color configuring a text in the specified text area, the inversion processing unit changes the color to be brighter than the case where the brightness is inverted. These antioxidants are food approve. The method includes forming a separator plate having a land height for orienting the fibers in a desired through-plane direction, then removing a portion of the land height to obtain the desired geometric configuration for the separator plate.

1459827269-62cb080a-2a35-41c1-bd04-98048d89c8a0

A magnetic flux pad for generating or receiving magnetic flux has two pole areas, a permeable core and a coil wound about the core. An optional perimeter member partly surrounds the screen and can comprise a perimeter tube fluidically coupled with the vertical risers to form a tubing assembly. The method may additionally include commanding an auto pilot to control the aircraft in response to not receiving acknowledgement from the flight crew. By employing multiple bremsstrahlung beams directed upon a container in multiple planes, the non-intrusive inspection system reduces the number of orientations and geometries of items within a container that might otherwise be employed to avoid the detection of harmful materials being transported within a container. The optical signal transmitter is particularly useful in providing the last mile connection between cable service operators and end users. Consequently, it is effective for enhancing waterproof performance to include the dead end.

1459827269-93890566-2f0c-4051-ac10-ad20cf1cc572

Systems and methods for compensating for pressure increase which may occur in various enclosed spaces of a pumping apparatus are disclosed. The first electrode layer and the second electrode layer are arranged opposite from each other. The server initiates a first call to the client using the low-level protocol. Further, a cover assembly for a fiber optic connector mounted to an end of and terminating a fiber optic cable. The color filtering layer includes a color portion arranged in

the display area and a blocking portion arranged in an interleaved portion of the first peripheral metallic layer and the second peripheral metallic layer.

1459827269-ef3a137f-a85d-42f9-b518-932cc0b851f2

Generally, the present invention provides a device for insertion into a body of a subject being treated to deliver localized x-ray radiation, and a method for fabricating such a device. The mounting system uses a tapered sleeve mechanism to secure the bearing assembly on the shaft. The device is configured to receive guide information associated with the program. The first wiring part includes a connecting line being a conductive layer on the first surface to connect the first output terminal to the first electrode, and a canceling line for canceling charges generated at the connecting line in response to a change in temperature of the substrate.

1459827270-0d3835cc-d935-4403-8394-e8dda162e479

It is an object to provide an aligner for centering a wafer and adjusting an angle of a notch or the like of the wafer while gripping edges of the wafer capable of attaining a shortened takt time and miniaturization of the apparatus by employing a mechanism capable of infinite rotation without being restricted by a rotational range, by eliminating cables and/or tubes at the rotating portion. One embodiment is a method for generating a map that comprises retrieving, by a computing device, location data from a mobile computing device. The blade portions are formed as separate components and arranged to extend lengthwise in opposite directions from a junction where the blade portions join.

1459827270-23b82fdc-f938-4531-8030-eb0454882bc2

A golf club head having selectively oriented zones of relatively high flexural stiffness is disclosed. Thus, the computation time for correction of the layout can be reduced, thereby reducing the production time of the photomask. The second iterative process is performed until each extent in a source stride is depleted of data. A locking arm for fixing the drive-out member is provided on its leading side in the direction of engaging rotation.

1459827270-2d0e6571-69cf-4b82-9cc7-7197267b3b45

A tool holder is provided that is configured to deliver coolant to a work piece and/or a cutting tool. According to the disclosed method, a vessel containing contents to be mixed is positioned in a mixing machine, and a splash shield is positioned over the opening of the vessel. A retention structure may be coupled to the distal end of the elongated segment to inhibit the distal end from migrating when the stent is placed within a body of a patient. A sampling of the current is performed based on the first sampling signal. This way the network is able to check, using the corresponding algorithm, that the charge information stored in the SIM module of the mobile station is correct. At least a first of the plurality of artifacts can be stored by a first tool, and at least a second of the plurality of artifacts can be stored by a second tool disparate from the first tool.

1459827270-917436bd-db7c-4bae-8f6b-34da92256e68

An electric toothbrush with a handle and a brush member having a brush head, individual cylindrical bristle holders with tufts of bristles held rotatably in the brush head. The characteristic of the backup jobs can take into account a number of the backup jobs that are stale. A frequency of the first test clock is an even multiple of a frequency of the second test clock. At the ends of the T slot track and rail is an interlock. A section of the primitive that maps to the fully covered tile is tested to determine whether that section of the primitive may be drawn in its entirety.

1459827270-fc1e2a0c-f1e9-4fd4-8f95-7bc88cea23c4

An all optical chopping device for shaping and reshaping comprising an all optical AND logic gate having a first input for receiving a first optical signal, a second

input for receiving a second optical signal and at least one output. Each bearing zone may include one or more radial holes in fluid communication with one or more grooves, respectively, and one or more axial channels formed along the longitudinal length of the countershaft. The drum or support surface contains at least one groove to increase the difference in reflectivity between the plate and the support surface.

1459827271-55226931-f2a8-4b52-90c8-b68cba6d32d5

A deoxidizer includes a porous body of fluorite-type cerium oxide represented by  $CeO_x$  and having a reversible oxygen deficiency. The method comprises maintaining the multiple predefined profile sets for a subscriber in a communication network. Ground and power planes are paired on adjacent layers of the PCB with a portion of the power plane relative to the ground plane removed. In response to a camera event, a camera event indication is sent to the accessory device. A phase error table 15A contains a phase error between the phase of a received signal point as an output of the inverting circuits 13 and 14 and an absolute phase only for a first quadrant of RI, RQ. One or more directional acoustic transducers that have an associated characteristic acoustic pattern will include at least a portion of the associated characteristic acoustic pattern in cooperative alignment with the limited viewable angular area of the display.

1459827271-5716da50-bcd4-482a-af5e-d4eb2b287c3d

An article of manufacture including a first adherend and a mixed two-part adhesive disposed on the first adherend, wherein the first part of the two-part adhesive includes a first fluorescent dye. Each electrode is formed by interconnected metal traces, the metal being intrinsically opaque, but the metal traces being sufficiently narrow to be practically invisible. Afterward, an etching angle is set in a manner dependent on the layer thickness of the sacrificial layer and also the first and second dimensions, and the sacrificial layer is etched at the etching angle set.

1459827271-7e5a56e5-df68-4b55-b05a-bf87e241d9e1

The present invention is directed to the removal of nitrogen and sulfur containing impurities from high molecular weight petroleum feedstock obtained from fluid cracking catalyst or distillation zone of a petroleum treatment plant. The on-die termination device includes a voltage comparator that compares an external voltage to a set internal reference voltage. The compositions and methods of the present invention may be used to identify antibiotics to treat a large number of human pathogens through the use of genetically engineered rRNA genes from a variety of species. The sensor does not include a pinned layer structure nor an associated AFM pinning layer, which allows the sensor to be constructed much thinner than prior art sensors.

1459827272-639c87b1-707f-4896-ba07-21f696f25ac4

According to an embodiment of the invention, a method for operating a data processing machine is described in which data about a state of the machine is written to a location in storage. Pharmaceutical compositions containing these compounds, methods of using these compounds as inhibitors of nitric oxide synthase and processes for synthesizing these compounds are also described herein. In one embodiment, the disk storage subsystems receiving a request to write data. The protective garment has an inner liner, which is attachable detachably to the outer shell so as to be wearable within whichever of the expansive surfaces becomes the inner surface of the outer shell. To achieve the function for clipping different size discs, the moveable clipping elements are placed at a specific angle and a specific curvature. The outer rotor element forms a shape-mating pair with the inner rotor element, the inner rotor element and the outer rotor element being shaped in such a way that radial detachment of the outer rotor element from the inner rotor element is prevented.

1459827272-7c410a54-3625-417f-8b59-05bb95db574a

A siderail support mechanism with multiple locks and an impact release feature is configured to positively lock in an upright deployed position, but is adapted to release upon imposition of a longitudinal impact load such as that caused by striking a stationary barrier. In some instances, such a device can include a wire holding device that may be considered to be disposable. Signals from an electro-optic component travel through traces in a ceramic substrate forming one side of the hermetically sealed first housing. Encoding of the synchronization signal is facilitated by a repetitive cyclically permutable codeword derivable from the selected CP codeword. A tested device on a receiving side extracts a clock included in the test data, detects the data synchronous pattern, the error detecting pattern, and the frame synchronous pattern in synchronization with the extracted clock, and determines a homo-code continuity proof test by the detection/undetection of each pattern. An event correlation engine detects various event correlation rules to analyze events to be detected and then retrieves event processing languages from an event definition storage module to implement and receive other relative events using a process engine.

1459827272-8a97c755-d699-4bff-a9b9-c87631fbab09

At least two devices are provided that can each form part of a system to inductively exchange power and data. The calculating unit calculates the viscosity of the recording liquid based on the operating state of the pump detected by the detecting unit, while the recording liquid in the tank circulates so as to serially pass through the supply passage, the internal passage, and the return passage. Two of these smaller sections of tubing carry the air to be chilled. The redundancy steering control circuitry is configured such that word line activation of the main subarrays and the redundant subarray is performed in parallel with address compare operations performed by the redundancy steering control circuitry. The circuit also includes a transmission gate or a pass transistor connecting the virtual ground node to the virtual supply node to enable charge recycling between the first circuit block and the second circuit block during transitions by the circuit between active mode and sleep mode.

1459827273-42a6745b-9494-4cba-914e-484d4a31bb08

An internal power-source potential supply circuit for supplying an internal power-source potential with high accuracy is disclosed. The first substrate may include a first set of electrical conductors which electrically connect the assembly. The databases to be searched may be identified by a multi-database search instruction that is loaded during a single data cycle, which may overlap with the control cycle. The linkage is attached to the vehicle and extends into the vehicle interior where a handle is provided allowing the user to aim the light and night vision camera from the interior of the vehicle. The agitation mechanism is operable for preventing fluid channeling to ensure good fluidization of the gypsum products from collecting adjacent the bottom wall of the housing. The binder matrix includes a non-energetic binder material and dimethyl malonate non-energetic plasticizer and has a softening temperature above at least about 125 C.

1459827273-506ec2fb-3992-4561-9357-3e2ed31c46e0

A method for treating an electroless plating liquid or other metal-containing solution that also contains reducing agents. The deposition mass are retained to the base plate by engaging unit in a disengageable manner, and alignment marks used for positioning the deposition masks on the base plate are formed on the base plate. In the safety position, the arm support panel is positioned so that it does not present a rigid edge oriented directly toward the occupant, but rather is in a partially or completely folded position. The transmission gate isolates the fuse from the latch. With the tunable matching circuits, the present invention allows the narrow band power combiner to be tuned to different frequencies. A sphincter electropotential mapping device includes a mapping electrode.



1459827273-98c2c137-3338-4d25-8dc4-a6ed2d33ea40

A prepaid computer service operating on a personal computer and a networked computer is activated at a point of sale. The secondary display presents a count of messages that are waiting to be accessed by the mobile device user. In both upstream and downstream modes of operation, the transmission is bypassed to increase flywheel energy storage and use, as well as expanding the functionality of the flywheel. In another embodiment, the auction operator computes the auction results and publishes proofs of the results' correctness. A search result is then received from the database and provided to the user.

1459827274-07061273-1413-43b3-a666-230f28d049c7

A self-service terminal having a port for transferring data is described. The spray latex foam includes a latex system and a gaseous coagulating component. This frequency shift is achieved by introducing a timing difference between the electrical input signals. Furthermore, an ordinary mode and the toner save mode are automatically switched or arbitrarily switched manually. The quantity of charge accumulated on the substrate at the predefined region and the charge-to-mass ratio of the medicament powder in the cloud control the amount of medicament deposited and retained by the substrate.

1459827274-07bc6bf3-9daf-4a74-a99c-09d814358712

Disclosed are a system, method and device for negotiating a data transmission mode over an attachment unit interface. The web server 12 is configured to send a registration request to register communication parameters of the peripheral device 10 in association with a piece of identification information at the application server 13. Two threaded holes are defined in opposite ends of the main body, respectively. One specific embodiment of the present invention is a bead interactor system that is a user playable sound and light show system. An output display may be used to report the performance characteristic to the operator in the field.

1459827274-6a0c4670-57b3-403d-9c23-97fe7b78ab53

An industrial control panel is provided that comprises a zone enclosure unit and an equipment segregation unit. The overlaid pixels are superimposed as a layer above, i. By adapting the boron-containing layer as the capping layer, the thickness of the mask layer can be thus reduced. A drawer member is positioned under the base member to allow a person seated in a wheelchair to have access to any necessary items. The divider divides the image into plural regions by using changed separation degree. These fissures are produced by the stretching and tearing of the embossment base.

1459827274-90d31e11-443c-4ce3-bfd5-9815bedf1591

A red light emitting element material with high color purity and a light emitting element using the red light emitting element material. The next web page is fetched \u201cin the background\u201d and stored in cache memory without interrupting the user. The computer configured to receive aircraft positional data from positional receivers mounted on an aircraft and overlay a model of the aircraft on the received aircraft positional data to determine a coordinate system for the aircraft. The wireless communication standard that was used to transmit the output signal is determined and then the corresponding protocol is employed. The other pair of opposite sidewalls have one outer connector sized to receive three-quarter inch standard trade size ENT conduit and another outer connector sized to receive one-inch standard trade size ENT conduit. Some of this routing internal to the dedicated function block may be controllably variable.

1459827274-c862ecb7-411d-4c1a-a7b8-b4e4555b96c8

A bearing sleeve 8 is press-fitted into a housing 7, and an axial portion 2a of an axial member 2 is inserted into the inner peripheral surface 8a of the bearing sleeve 8, and then a thrust member 10 is attached to the lower end of the inner peripheral surface 7c of the housing 7 and positioned in a predetermined position

to fix it by ultrasonic welding. The graft composition can be implanted to replace or induce the repair of damaged or diseased tissues. c\u2032, m\u2032, and y\u2032, which have been limited by \u03b1, are then normalized.

1459827275-296085eb-17ee-4eae-9092-b3cfad3d417a

Generally, a fixture for securing optoelectronic packages may be used to secure one or more optoelectronic packages for mounting one or more components and/or one or more wires to at least first and second mounting surfaces at different relative angles. To open the hood of the vehicle, a person presses a hood release button. A first, second, and third heat exchanger are enclosed within the housing. The transmission can be wired or wireless. This electrophoretic displaying particulate has high masking performance, improving the displaying contrast of the displaying device.

1459827275-4d6f7578-e52c-4e8e-80e0-1d6cd3e90edb

A processing system optimized for data string manipulations includes data string execution circuitry associated with a bus interface unit or memory controller. Each keyword permits corresponding selected optimizations by a compiler even though the volatile type-qualifier is also declared. The system translates a sample between an imaging position and a testing position. In another embodiment, a surgical assemblage is provided wherein a porous distal portion having similar fluid flow characteristics is located along the distal end of a catheter, and a needle point is attached to the distal end of the catheter for piercing tissue. The pliant adapter utilizes flexible winglets for compensating between dimensional differences between the cup holder insert and a receiving cup holder. The gasket also has a sealing portion and an elastic support for elastically supporting the sealing portion to the gasket base.

1459827275-56d376c7-d5a6-49b3-9f3a-cb1fef3db82b

A skag having a rod elongated rod and rearwardly-angled threaded studs upwardly-extending immovably from the rod. Each antenna or other type of device includes at least two multilayer ceramic modules and a MEMS device fabricated on one of the modules. Therefore, since the lens housing is installed in the housing of the terminal, even in a state in which the lens housing is rotatably installed on the housing of the terminal, damage and breakage due to exterior impacts can be prevented and the restrictive terminal design problem due to the lens housing is overcome.

1459827275-90ca7fec-3df4-41f6-b9dc-8470f9f828ea

A wireless communications system may include a plurality of wireless communications devices and a wireless device locator. A plurality of tension zones is defined in the printing system. An input gear set includes an input gear and a transfer gear mounted for common rotation. The additional functions may be selected from fragrance, bluetooth device, insect repellent device, sensor device, infrared device, remote control device, power failure light, emergency light, or other electric device.

1459827276-2e5fed47-c3a6-4f0e-99db-e704f1d33acc

The present invention provides a semiconductor device comprising a single-crystal silicon substrate; and a single-crystal oxide thin film having a perovskite structure formed through epitaxial growth on the single-crystal silicon substrate. In a sand separator box, a barrier element divides the tank into an upper compartment and a lower compartment. 5 times said value, so that the following holds true: DTrench\u2266DMesa\u22661. This invention illustrates how this model can be used as a Large Vocabulary Speech Recognition System. A method is further provided for packaging such disc-shaped item and other material within the packaging device. The addition of N-alkyl imidazole to the acetyldisulfide sulfurization solution enables the use of industrially preferred solvents or solvents that are derived from renewable resources.

1459827276-e0376331-3f56-4b10-8aca-f02cfa41bfc9

A lube-oil pump system for a diesel engine's fuel injection system has a first and second pump. The gas generator is preferably used for generating protection gas or reducing gas for start up, shut down or emergency shut down of a SOFC or SOEC. The chemical composition would be brushed onto dentures in an effort to clean the dentures of any powder or substance on them that remains to them after a person has removed them from their mouth. The time interval counter continues until it counts to a second threshold value corresponding to a timing metric.

1459827276-fb2460fb-9e1d-4852-a4fb-a53fc7916cad

A system for communicating signals between a transmitter and a receiver using digital modulation techniques is provided. The system may comprise a transmitting unit, which transmits one or more data packets. The emulation occurs transparently to higher levels of operating systems or applications so that the applications or operating systems which are designed to only access locally attached storage may be enabled to access networked storage. The optical unit is capable of detecting modulation of the optical beam.

1459827277-8ba2d340-eff3-4dae-a61c-226bb8980b36

A system for distinguishing between a fire sprinkler water flow and a domestic use water flow by supplying water to a dwelling through a multipurpose piping system to at least one domestic use and at least one fire sprinkler and providing a means for distinguishing between the fire sprinkler and domestic flow. In a retracted position, a portion of the central window panel is articulated to an elevated position with respect to the C-pillars in order to increase usable space below the retracted system. The network can have protection for failures of various components. Color-coded sock clips are included for holding paired socks together. The parameter of the wireless communication link can be adjusted based on, for example, the location of the link. The invention solves this problem through the use of polymers which are notable for their very low oxygen permeability.

1459827277-a99f1732-478b-44c5-909b-458f61f3ad2b

A styptic powder applicator and file for use with pets. An external agent requests data from the memory system of a computer system at a target address. The invention leads to an efficient implementation of given channel changes causing a minimum of disturbances. The received address is transferred to an interrupt handler which also resides on the processor subsystem. The information technology unit integrates the application into a computing production environment of the entity.

1459827277-aaf620ef-03e2-487b-88fb-2c367fca1d47

A new and distinct variety of nectarine tree, denominated 'Nectapink', has fruit of very long shelf life without alteration after harvesting, a semi-sweet yellow flesh of high eating quality and an attractive, very high percentage red skin. When various commands are received in a multiplex manner via the same port from plural host devices, the channel adapter of the storage subsystem extracts commands of a first kind from the received commands. A vacuum may be used to hold buns in a filled lane in order to close the lane. A controller is provided and configured to selectively retard the phase of the second intake cam to effect later closing of the second cam actuated intake valve sufficiently to reduce the effective compression ratio of the engine. The method includes the replacing of the downflow quencher and related duct work with a bypass for connecting the incoming flue gas duct with the upflow absorber, and the adding of a quenching zone in the absorber comprised of spray headers. Specifically, the method uses local oxidation wherein a portion of a transparent metal oxide layer is locally oxidized to be converted into a semiconductor layer so that the oxidized portion of the transparent metal oxide layer can be used as a channel region and the unoxidized portions of the transparent metal oxide layer can be used as source and drain electrodes.

1459827278-45d9b1db-68df-4621-a273-fa2a72e1d7f7

The present invention relates to the identification of chemokine biomarkers predictive of future acute coronary syndromes including unstable angina pectoris. The handle adaptor includes a handle extending from a neck having a first end and a second end. Information from one device is then automatically transmitted over the wireless communications link to the other device. The OCT components may be implemented within a hand held imaging probe. The bandwidth selection data may be transmitted via the EOC channel of the ADSL connection.

1459827278-727dcead-6045-44ec-bba4-f996e3203eb4

An interactive educational system simultaneously provides educational materials to multiple users. The MEMS arrays include polysilicon or polysilicon-germanium components that are mechanically superior to metals used in other MEMS applications, but that require process temperatures not compatible with conventional CMOS technologies. A second-group barrel provided rearward of the first-group barrel on the optical axis is driven by a stepping motor.

1459827278-b908c4f3-c329-4214-bd55-3d2bf68e2ed7

A method for setting default values of timers in a wireless communications system includes setting default values of timers Timer\_RST and Timer\_Poll to be a first value. The noise has spatially varying variances. One or more electrical controls may be provided on the handle to accommodate different functions.

1459827279-0529ea3c-e459-4bc5-ae49-ab201e6317fd

A mattress retainer bar attachment system is provided that includes a mattress retainer bar adapted to preserve a position of a mattress disposed on top of a mattress support. The magnetic recording medium includes a substrate, a non-magnetic layer, and a magnetic layer. Opening of the gate means to an extent sufficient to allow the contents to fall into the dispensing chamber generates a signal from a limit switch indicative that the loading chamber is empty. A server node is configured to receive the interface request from the portable terminal for identifying a user interface for use in interacting with the appliance.

1459827279-063a9caf-42a1-4da7-838c-6d1642ec72c6

An apparatus for orthopedic treatment including a first upper surface, a second upper surface, bottom surface, and an angle of inclination formed between the top surface and the bottom surface is disclosed. For example, the system classifies the audio signal into speech and non-speech portions, genders of speakers corresponding to the speech portions, and channel bandwidths used by the speakers. The distributed shunt regulator is made up of a plurality of shunt regulators connected in parallel and is configured to regulate a peak voltage of a voltage signal to below a maximum voltage threshold. The fast path and the control path are utilized in mapping virtual to physical addresses using mapping tables. In use, a surface of a component is translated relative to at least one jet for a period of time to form a plurality of features thereon. A fabric is bonded to the underside of the sheet material in one embodiment or a second layer of urethane is molded to blanket underside to form a major portion of the fingers and the projection in a second embodiment.

1459827279-37be4d75-19a1-4167-a8ed-84292badd8f0

Conventionally, in the process for inspecting a molded product, a measurement point indicating a portion to be measured is defined by using attribution information, such as a tolerance difference, and a measurement program is created, or a manual measurement instrument is employed to conduct the measurement. A waterproof structure according to one aspect of the present invention includes a first case having a groove formed therein, a packing that is disposed in the groove, a second case that pushes the packing and forms a sealed space with the first case. 7-hold or less the thickness of the layer Lb.

1459827279-9ab82071-3629-4347-8b1f-3692a30dd334

An unpurified silicone oil is treated with fibrous activated carbon, yielding a silicone oil of high purity, which will find use in the electric and electronic industry and as cosmetics. In use, rearwardly directed sound emitted from a rearward-facing, rear-mounted speaker travels through the speaker engagement section to the sealed acoustic enclosure, and primary sound from the speaker is emitted through sound leaks in the wireless communication device. The sensor is further adapted to emit a continuous signal proportional to the force. In such manner, NOx emissions of the gas turbine can be reduced.

1459827279-d0ea7fac-32c6-4548-8269-105b409136ff

A blade for a blender includes a center portion which includes the axis of rotation. The system includes an oven for preheating the substrate and the plurality of electronic components disposed thereon, a supplemental heat source disposed in the oven for providing additional heat energy to reflow the solder, and a pallet for supporting the substrate, wherein the supplemental heat source creates a stream of hot gas that flows transversely across the substrate. The structure further includes a second FET having a channel of a second compound semiconductor of second atomic proportions resulting in a second band structure and a first type. A notch used for applying an adhesive to the side plate of the rod lens array is disposed corresponding to the pin insertion opening and is formed to be open from the lens storage compartment to the linear illuminator storage compartment. Preferably, the extracted timing irregularities are stored and formatted into a timing irregularities file readable by the integrated circuit tester to allow the tester to reinject the timing irregularities back into the cycle-based test data using its own timing irregularities injection tools. The coating vehicle includes an organic solvent, and a resinous material being dissolved in the organic solvent.

1459827279-d2ce5730-b365-48f9-ae44-979e10d38f70

Data of a zeroth bit is supplied via a charge control transistor for the zeroth bit to a corresponding capacitor, data of a first bit is supplied via a charge control transistor for the first bit to a corresponding capacitor, and data of a second bit is supplied via a charge control transistor for the second bit to a corresponding capacitor. A melt spinning apparatus 1 is provided with a tube 2 having a nozzle 3 at the bottom thereof, a coil 4 for heating the tube and a cooling roll 5 having a circumferential surface 53 in which gas expelling grooves 54 are formed. The cleaning step electrochemically cleans the block of Invar with an acid solution while applying a negative voltage bias to the block of Invar. The frequency of performing threshold tests and the frequency of storing threshold test results may be varied according to the threshold stability.

1459827280-4c361b24-6244-4535-acee-673bcf636ef7

A high speed computer processor system includes a high speed interface for a graphics processor. The plastic parts are supplied in the form of a belt in which the plastic parts are linked together by at least one flexible web. The number of the at least two first data lines is an integer multiple of the number of sub-pixels in each pixel. The composition parameters  $x_1$ ,  $x_2$ ,  $y_1$ , and  $y_2$  satisfy  $y_2 y_1 > x_2 x_1$ , and the second layer includes an interface layer of the stoichiometric composition formed at an interface with the metal layer.

1459827280-a097a261-3f0a-4e7d-95bd-80405fa7fdf6

A data processing system is provided with mechanisms such that when a data value is stored within a data register, further data values are stored within one or more further registers such that the total number of signal transitions from high to low and from low to high does not vary in dependence upon the data value being written or the previous data value. The coated film is scanned to produce an electronic representation of the developed image. The width of the pulses as well as the frequency and phase correspond to the first signal. The periodically calculated ratio is used as an input parameter to a Random Early Detection algorithm. The

flange is formed integrally with the tank wall and is countersunk therein. The VPN identifier may alternatively be encoded in the packet by including the VPN identifier in the packet, for example, in a header within the packet.

1459827280-f0b32418-2f7a-4f14-9b88-5e5d18817b6c

A magnetic resonance apparatus has a cylindrical body coil composed of a number of resonator segments distributed around the circumference and a control device for separate activation of the individual resonator segments. The method and system treats each consecutive pair of layers together so as to minimize dummy filling overlaps between each layer. The raw data are calibrated, corrected for missing lines and clutter, corrected for molecular scatter contamination, and enhanced through multispectral combination to yield value added products. Magnetic sensitive devices are inserted in air gaps between the two pairs of upper and lower protruded magnetic substance portions. The heat exchanger includes a container defining a coolant depot adjacent to and in heat exchange relation with the flow channel and adapted to contain a coolant to accept heat rejected by the components when coolant is not flowing in the coolant channel between the inlet and the outlet. A data processing flow is provided which leads to a modified GDS layout for each of the two masks.

1459827281-043aeaa2-1248-4b9a-a7ae-e57e4f49c23c

A vessel filter comprising a first region and a second region wherein the filter is movable between a collapsed position for delivery to the vessel and an expanded position for placement within the vessel. The allocation plan allocates a first portion of advertisement impressions to satisfy guaranteed demand and a second portion of advertisement impressions to satisfy nonguaranteed demand. A kit for purifying nucleic acid containing a coated matrix and an integrity maintenance provider for preserving the matrix and purifying nucleic acid is also provided. A lubricant filling is possible, which reduces wear and as a result makes a lifetime brake possible. In particular, it was discovered that PTHrP levels in broncho-alveolar lavage are indicative of lung \u201chealth\u201d and \u201cdisease\u201d, and can be used to predict lung disease in patients at risk of chronic lung disease and/or to evaluate the efficacy of a ventilation regime.

1459827281-5384b64a-d388-40ab-9482-f9014e09bac1

A loudspeaker system includes a loudspeaker drive unit and a rear sound absorption system having a multiplicity of tubes connected to the rear of the loudspeaker drive unit. The NOC is configured to transmit one or more handshake messages to the AP after sending the configuration request. In another embodiment, the work function \u03a6 of the surface of the latent image carrier, the work function \u03a6 of the toner, and the work function \u03a6 of the surface of the intermediate transfer medium are set to satisfy a relationship \u03a6>\u03a6>\u03a6. A flow meter is coupled to the flush line between the flush valve and the junction, where the flow meter is configured to monitor a flow rate of the water within the flush line. A locking assembly having four vertical guideways containing slider strips for coupling the punch point insert to the punch driver ensures precision registration of the punch point insert with its driver. A high impact, moisture resistant wall panel includes an inert substrate composed of a high density inorganic material, wherein the substrate is dimensionally stable, a laminate composed of a substantially rigid polymeric material, and an adhesive for engaging the laminate to the substrate.

1459827281-98656af9-3862-4178-9995-e300d4f30f23

A genetic optimization computer system comprises a model and an optimizer. The conductive metal particles have a number average particle diameter of 5 to 100 nm, a BET specific surface area of 0. The transmit mixer is followed by a power amplifier that is on the same die as the VCO. Incentivation is accomplished at least in part through generation of incentive offer based on available knowledge, which is associated with an operator of the insured entity rather than with the entity

itself. A second identifier corresponding to the information to be communicated or item or service being sought is generated.

1459827281-a93019d3-8337-4c1d-8598-2e4c2d1f5872

In block-based motion or depth estimation, a block is assigned a motion or depth value as a result of minimizing the matching error over a limited set of candidate values. The system includes hardware in the form of sensors and other components and software to among other things monitor the operating condition of the mill's moving parts and predict their failure. The output of the block correlators are conjugately multiplied and summed to produce a low-variance estimate of the phase change between correlators. The change of the timing at which the optical flux is radiated from the optical flux generator is performed by changing a period of the dot clock.

1459827282-018e2d3b-9ca6-45a8-ab85-598f2a1a9107

An inflator having at least first and second gas outputs and configured to generate gas. Terminals extend through the casing and connect electrically with an electronic element mounted on the casing through wires. The upper and lower portions combine to define a forwardly-protruding convex shape and include mating structure forming an expansion joint that permits collapse and expansion as the upper and lower portions are flexed between a more-convex shape and a more-planar shape.

1459827282-0fa8d890-01ac-4f7d-b4e5-0cb61e561f32

A method for processing radiological images is provided. The first voltage is applied to the control gate of the transistor, wherein the control gate has at least a portion located adjacent to a select gate of the transistor. In one embodiment, the radius of curvature may be greater than about 500 mm at a temperature of about 20 degrees Celsius and may be less than about 600 mm at a temperature of about 85 degrees Celsius at a thickness of about 10 microns. In a warm-up phase of the internal combustion engine, the fuel, which ingressed into the engine oil, can thus likewise be combusted, even if under certain temperature-time conditions, particularly in the partial load operating mode and during idling, more fuel is present in the fuel-air mixture than is actually required for operating the internal combustion engine. The transmitting member having a frangible portion that leads a collapse of the transmitting member against an impact applied in a vertical direction between the driving member and the movable member and absorbs energy of the impact. The apparatus provides a total of six degrees of freedom.

1459827282-169d8dd2-6d15-44e5-829f-10426f5b5195

An outboard motor comprises a cowl, having a top cowl and a bottom cowl, that cooperate to define an engine compartment. A center through hole and an offset through hole are formed in the external gear. Carbon nanotube reinforcement in the matrix further improves impact resistance.

1459827282-4bfcc151-dd8c-4d02-99d9-44ecff7c54e4

A process for fabricating a medical assembly having a medical device at least a portion of which is formed of inorganic material is provided. The user determines to browse the advertisement or not. The sPAC may be a binary weighted sPAC, a thermometer coded sPAC, or some other sPAC.

1459827282-ac05025d-566b-498f-8fbb-ad08d653ba96

A field replaceable sensor module having a housing, that is capable of being ready connected and disconnected to a multipurpose device The housing includes one or more input ports and one or more electrical interface connectors. A limit switch 24 is disposed in such a manner that it detects movement of an optical pickup 11 to a position which is located at a radius of 23. The folding body is mounted on the opening top of the base and has a connecting ring, a folding segment and a mouth. 5\xb0, which is one beam inside the outermost position. This disclosure presents

the surprising discovery that levels of complement pathway components on reticulocytes can be used to diagnose, monitor, or predict the occurrence of acute episodes of chronic inflammatory diseases or conditions.

1459827283-c3c6261e-ad03-4af1-a99b-0dab0910e24d

In the fabrication of semiconductor devices such as active matrix displays, the need to pattern resist masks in photolithography increases the number of steps in the fabrication process and the time required to complete them and consequently represents a substantial cost. In accordance with the method, three or more of the pressure sensors are arranged to be subjected to the same pressure and their readings measured and compared whereby to identify a sensor whose reading does not correspond to that of the others. Also disclosed are methods for preparing these catalyst activators and polymerization processes utilizing same. The time to respond to the page can be a function of a paging cycle. The method may be implemented on a router to avoid and/or mitigate the harmful effects of a Distributed Denial of Service attack on a computer system or network. Each said identical typing unit consists of a protruding segment, an impact tip, one or more anchoring devices and a gripping appendage assembled so that said protruding segment and said impact tip extend away from the base of said gripping appendage.

1459827283-c740adbe-c477-4833-b351-9a6337215253

Present invention relates to a slotted toothbrush body and neck. A maximum width of the male terminal is longer than the shorter side and is shorter than the longer side. The oxidized organosilane or organosiloxane film has good barrier properties for use as a liner or cap layer adjacent other dielectric layers. Also provided are means for distributing a flow of fluid over a protection area ranging from about 144 square feet to about 400 square feet, the fluid distribution having a density of at least 0. The anamorphic surface unit offsets a distortion of a light spot resulted from obliquely incidence on the light valve, thus an asymmetric light spot can be improved as a more symmetric one to increase illuminating collection efficiency and uniformity. A data storage system according to the invention includes a shared resource, a plurality of processors coupled to the shared resource through a communication channel, and a lock services procedure providing the system lock procedure and the faked lock procedure.

1459827284-59a4e7f2-aa5a-435c-99bb-1b8f9956130b

A system and method for removing harmful biological and organic substances from an enclosure, vehicle or container includes protecting heat-sensitive articles within the enclosure. The guide tube lower end plug has a threaded recess in its upper surface that mates with a corresponding dashpot end plug threaded extension that is formed as an insert in the lower end of the guide tube. And in the case when the disk start mode setting device is set in the enabling mode, the disk start control device carries out control to start the hard disk and the processing section. A system for carrying out the method is also disclosed. This invention thus relates to the seeds of soybean variety XB44G07, to the plants of soybean XB44G07 to plant parts of soybean variety XB44G07 and to methods for producing a soybean plant produced by crossing plants of the soybean variety XB44G07 with another soybean plant, using XB44G07 as either the male or the female parent. The advantage is that a halo effect around the patch coating is obviated.

1459827284-79d89d87-8fb0-4530-a3b8-6095cbd94d06

The invention describes a system for and a method of creating and using dependencies to determine the order of servicing transaction requests in a multiple queue environment. The main site server system carries out a remote updating of contents of tie-up pages at the partner site server system, when the authentication between the main site server system and the partner site server system succeeds. During the preparation of the conference the system responds to the user's input of key words by identifying persons. The controller selects one of the plurality of the monitor circuits based on predetermined rules to obtain the loss at the output



ports and/or the differential loss between the channels of the optical switch. The method includes steps of: capturing a current frame, generating a current luma frame according to the current frame, generating a foreground binary image according to the current luma frame, a background luma image and a sensitivity, and updating the background luma frame according to an updating frequency and the sensitivity. The mobile device transmits a response signal to a receiver if receiving the request signal transmitted from the first or second transmitter.

1459827285-17ffcc60-79d6-45d4-ac83-d28d4a2bbd2d

The present invention relates to a terminal board applied to a multi-band and multi-carrier wireless system and an apparatus thereof. The organic pigment present in the paper is modified by the addition of a metal-charge complex which causes anionic colorants in the ink to be precipitated on the surface of the paper. Alternatively, the two compensating pulses are added at different times from each other in one horizontal scanning period. A receiver acknowledges the data packet upon obtaining sufficient transmissions to decode the packet. By implementing most of the MAC functionality in software within the host computer, the preferred MAC provides lower cost, lower power consumption, and generally greater flexibility.

1459827285-4020a209-0c28-4095-a6b7-9292da397b1c

A semiconductor device and a method for manufacturing the semiconductor device capable of reducing a short channel effect are provided. In one embodiment, the flash memory controller is coupled to a plurality of flash memories, and comprises a driving current generator and a processor. In the preferred embodiment, the controlled release fish attractant includes: an attractant and a substantially hydrophobic, film forming release agent. The product can be cooled before or after UV curing. A warning device is coupled to the security support arm and activates to provide a warning as the support arm and the security bar rotate between a plurality of positions. Various other apparatuses, systems, methods, etc.

1459827285-7336f0d1-c4e3-4914-9273-b09984c9762f

A printhead assembly is provided comprising a plurality of nozzles arranged to eject ink from an associated nozzle opening onto media in an ejection direction, and a nozzle guard arranged to cover the nozzles in the ejection direction so as to provide a space between the nozzles and the nozzle guard. The broadhead includes a rotating, sliding shaft with a spirally wound, scalloped grooved, pointed tip and tip base having two or more of cutting blades mounted thereon. Each lobe comprises a first curved profile extending from the circumferential segment toward the center of the dimple and the first curved profile of each lobe abuts each other in an uninterrupted manner. If the precoding is matched to the ISI, others of the output signals would be distorted by the ISI to signals representative of signal points that are quantization levels of the AD converter. The top surface of the poly node is higher than the surface of the silicon layer, so that it is high enough to ensure that a nitride liner used as a CMP etch stop for STI oxide surrounding a top portion of the poly node will be higher than the STI oxide, so that the nitride liner can be removed prior to forming a silicide contact on top of the poly node. A cut-out is provided on the interior side of the spout to insure there is no contact between the ball and the spout when the spout pivots back to the neutral position.

1459827285-edf9f393-a67f-4216-b8d1-fcd755a8db10

A battery and ink charging stand includes an ink reservoir, preferably removable, and has a receptacle for receiving a mobile telecommunications device having an internal printer. The method includes the steps of reacting amides with or without amines in the presence of various types of metal catalysts, at a temperature of about 250°C., application specific integrated circuits, that are assembled according to designer specifications, and bonded to a semiconductor substrate comprising the polymorphic network. Maintenance operations are then performed by exchanging data and commands with the assets of the mobile transportation unit.

1459827286-39ab9d3d-19a3-4a1d-b274-ee1b6a582b2b

In a stacked-type semiconductor device, a first semiconductor device and at least one second semiconductor device are stacked. An avatar associated with a virtual universe account may be misappropriated and/or used inappropriately by a non-comporting user against the wishes or without the knowledge of the virtual universe account owner. Each of the beamformers combines RF signals coming from the antennas.

1459827286-3f863180-04bf-4cab-b88c-66becff6b912

A process for preparing branched olefins comprising 0. Embodiments comprise tomosynthesis systems and methods for creating a reconstructed image of an object from a plurality of two-dimensional x-ray projection images. The first RNC determines that the session-establishment request indicates that the access terminal does not currently have a session, and responsively queries a second RNC to determine whether the access terminal currently has a session with the second RNC, which the access terminal does.

1459827286-3fb1cf9f-c89d-4c94-9776-9df17de06cb1

An electrical connector for a chargeable battery includes a housing, a number of pins, a number of springs and a number of terminals. The battery generally includes a case in which an electrode assembly is disposed, and a cover provided with a fill hole and fill plug, and a terminal structure that forms a battery terminal. A plurality of tines extending from a central portion of the inner contact, the tines may be angled outward from a longitudinal axis of the inner contact and/or provided with a shoulder. The machine provides a monitor to enable the athlete to track the progress of the exercise, and to determine whether the exercise is being performed correctly. The present invention further relates to a method of using such compositions to reduce gastric acid secretion in a mammal. To make a plug with a disintegratable check, a ball dropped in the well is of a type that disintegrated in frac liquids.

1459827286-81b7ea14-5531-42fd-a178-26936f5a5640

Interface plate intended to be inserted between a snowboard binding and the upper face of a snowboard, and which comprises: . The sensor includes two independent electron excitation regions and one photodetector for monitoring emission from excited species from both chambers. The service request is checked against number portability information related to the identifier of the terminating station, and against accounting information of the originating station.

1459827286-b44a1e7d-3146-4a5c-8367-5e525585fc70

A finishing apparatus modifies the physical structure along the edge of a metal knife blade wherein the edge is formed at the junction of two edge facets presharpended with abrasives. Also described are methods of operating the devices as well as lighting systems and passenger service units. The present invention further provides a method to produce an eyeglass that corrects higher order aberrations, such as those that occur when retinal tissue is damaged due to glaucoma or macular degeneration.

1459827287-2dc207e1-043e-4358-8653-7213496d28e8

Diffraction grating based fiber optic interferometric systems for use in optical coherence tomography, wherein sample and reference light beams are formed by a first beam splitter and the sample light beam received from a sample and a reference light beam are combined on a second beam splitter. A pixel number conversion block applies pixel number reduction conversion to an image pickup signal from the CCD image sensor 14. A processor has input terminals for receiving the signals from the piezoelectric devices, and the processor is programmed to determine tire parameters in response to the output signals from the piezoelectric devices. The compartment forms an extension of the furnace vessel. In this manner the performance of the server may be tuned to optimize the effect of using keep-

alives according to current operating conditions. The tracer material is a fluid permeable partially soluble material which at least prior to installation is not physically or chemically bonded to the adsorbent matrix and is either mixed with the adsorbent matrix or is located in at least one section of the casing separate from but in contact with at least one section of the casing holding the insoluble adsorbent matrix.

1459827287-43558a22-c393-4e45-acfa-eed8a999402e

Boarding device for aircraft and flying wings equipped with such a device. An operational mode is obtained for each of a plurality of climate control devices. When the membrane is disposed in its deployed configuration, the membrane and the cover form a receptacle that is configured to receive an ear or a portion of an ear of a user when the ear warmer is worn by the user.

1459827287-a9803710-4f21-4294-85e6-ed1f5ddc9dfe

A system includes at least one strip of ferromagnetic material and a plurality of pulsingreceiving coil circuits. The liquid crystal display can include a liquid crystal display panel including pixels formed of a plurality of sub-pixels each corresponding to different colors, and an illumination device, wherein the liquid crystal display panel includes a transfective layer and a color filter of color corresponding to each of the sub-pixels. An area of the external metal foil layer above the internal contact area is selected.

1459827287-d4a492e3-936a-4d29-9a34-f60219d681da

A multilumen catheter that maximizes the blood flow into and out of the patient's vasculature while also providing for passive and/or active perfusion of tissue downstream of where the catheter resides in the vasculature. We have found that the liquid hydrocarbon oil composition prevents the stress cracking promoting materials from interacting with the polymeric structure of the stressed container to prevent or inhibit stress cracking in such materials. Thanks to this construction, the lead-through terminal can be fastened for example from outside to the housing wall of an electrical apparatus without it being necessary to provide further fastening means inside the housing. Methods for memory management in such a user unit are also described. The water soluble material is an alkali metal peroxide or a combination of an alkali metal peroxide and a transition metal-containing compound.

1459827288-1072c173-5277-46eb-a257-fd8f19f3fde9

Disclosed is a system architecture, components and a searching technique for an Unstructured Information Management System. In one case, the needle guide is attached to the exterior of the sheath; in another, a needle guide adapter is attached to the exterior of the sheath; in still another, an adhesive is attached on the inside of the sheath to assist in attachment with the transceiver. The telephony endpoint device also comprises a switch, coupled to the gain boost circuit, wherein operating the switch will control whether the gain boost is to be applied to the audio signal.

1459827288-483e6437-92e1-4b5c-8db5-4cbfc9fe6a2c

A device housing includes a main body, a metallic layer, and a paint layer. The number of concurrent disk agents is changed during the backup of the objects to the storage devices. In this manner, the higher frequency signals for wireless transmitters, or for other applications, may be generated more easily. A flexible connection interconnects the periphery of the rotator drum with the end of the extension arm of the pivoted anchor post. Therefore, the detector detects a voltage of the drain of the first transistor.

1459827288-6f299a8b-f319-404b-88e4-ebdab8378834

The present invention provides a method for detecting the start of a dive for a portable electronic device comprising a pressure sensor for measuring the value of the ambient pressure as well as electronic circuits for processing the pressure

measurement results comprising a time base and at least one memory zone. The selected peak to average power ratio signal is summed with a desired average transmit power signal. An LED chip and a protective device are mounted on mounting areas of the first and second lead frames, respectively and electrically connected to the first and second lead frames.

1459827288-94a873ae-9c64-4888-9837-093b664129f3

The present disclosure includes methods, devices, modules, and systems for operating semiconductor memory. The press system further includes a mandrel extending along a longitudinal mandrel axis through the first die. The tri-layer dielectric layer can include a high leakage dielectric layer sandwiched between two lower leakage dielectric layers. In the classification compartment, the rotor of the magnetic stirrer is arranged. Further, pitch range limitation ranges are set in corresponding relation to various rendition styles, and the applicability of a designated rendition style is controlled depending on whether or not a tone to be imparted with the designated rendition style is within the pitch range limitation range corresponding to the designated rendition style. Low molecular weight heparin products and methods of use are described.

1459827288-db7c6ad0-475c-4718-a9a6-8cd0ec365ec5

There is provided a technique capable of executing a predetermined processing while continuing a database processing. Alternative embodiments provide a single pair of metal herringbone rolls, two pairs of metal herringbone rolls, or a front pair of metal herringbone rolls and a rear pair of compressible surface herringbone rolls. Minimizing overlap may maximize device performance and minimize the generation of defects between gate electrodes. An expandable structure is provided having a first portion configured to annularly enlarge the connector by engaging the interior of the connector.

1459827289-129a6e55-9ee4-4e7c-b4f2-5534af78153d

An apparatus including an audio data processor is connected to a data bus to receive encoded digital audio signals. The circuitry may use a self-timed architecture that controls the width of clock pulses that are generated so that the pulse latches that are controlled by the clock pulses exhibit a reduced risk of race through conditions. The n sub-regions are arranged in a specific area ratio. The edge portion of the vibrator is bonded with a first adhesive, and further, its circumference is bonded with a second adhesive. A system is described having an at least dual Network on Chip as well as methods of operating the same.

1459827289-3de1ddda-c127-4c07-97f4-38659331111e

Provided are a conditioner of a chemical mechanical polishing apparatus for polishing a substrate over a platen pad that rotates and a method thereof. The platform structure comprises a box-like support structure and a planar floor structure which are tiltable relative to the wall separately from each other. A control unit is capable of control each of the subsystems so that the image forming apparatus flexibly provides functions that are tailored to individual users' requirements.

1459827289-868577f3-e6bf-4c67-a13b-46e83167ebba

A method of bonding a first article to a second article is provided. The lace system includes specially shaped, sized, and positioned thong holes in the stop member of a lacrosse head, and a lace lock attached to the lacrosse stick below the thong holes. Further, employing a very thin CMP stop layer, and recessing surrounding materials by about an equal amount to the thickness of the CMP stop layer, provides improved planarity at the surface of the device. In contrast, the switchable hologram transmits the first bandwidth light without substantial alteration when operating in the inactive state. In another embodiment, the ink conduit plug has two plug sections banded together with either a flexible material or angularly disposed links. Methods of forming a photomask and an intermediate

semiconductor device structure are also disclosed.

1459827289-e0e10a85-537b-4fb3-8bb2-e0c58b472f08

A light emitting device includes a wavelength converting member for absorbing light emitted by an exciting light source and emitting light of a different wavelength. A loft sensor detects leaving the ground and returning to the ground. The detector generates signals according to an angle of incident energy. The power selector selects either the first power source or the second power source for provision to the at least one load based on characteristics of the at least one load. The tool may be pressed against a surface, first engaging the materials with a low coefficient of friction.

1459827290-0df16df3-61a7-49dc-9970-2b3e2d36d781

An optical glass for precision press molding that has desired optical constants, a low glass transformation point, and a devitrification temperature that is lower than a temperature of a glass melt, at which a viscosity suitable for forming of a preform material is obtained, is provided. The formulation comprises herbal components selected from a group consisting of Radix Codonopsis, Rhizoma Atractylodis Macrocephalae, Sclerotium Poriae Cocos, Rhizoma Zingiberis Officinalis, Radix Paeoniae Alba and Rhizoma Coptidis. The assembly further includes a cold sleeve assembly comprising a plurality of braid elements mounted to a cooler block and a highly thermally conductive block mounted between the cooler block and the outer thermal shield.

1459827290-1aa6894a-2d21-4846-aa10-01c5b55263f5

A print engine having a maximum physical sheet capacity, and being operable at an operational sheet capacity equal to or less than the maximum physical sheet capacity, includes a marking device which applies marks to sheets of media supplied thereto and outputs the same. The two measurement terminals are connected respectively to both ends of a to-be-evaluated device. The damping component is subjected to plasma etching to produce a surface which readily bonds to component of the transducer.

1459827290-628da19c-6cbb-4642-9315-fb72fec05fa8

An energy generating module includes an enclosure, a modular cage, a fuel chamber, and a railcar chassis. A device for controlling an operation of an internal voltage generator includes an internal voltage driver for outputting an internal voltage to an output terminal, an internal voltage over-driver for compensating for a potential level of the output terminal, and a controller for controlling an enable timing and a disable timing of the internal voltage over-driver. A right uniting member runs lengthwise of the frame for uniting the right rectangular tube and the right side rail in assembly, and a left uniting member runs lengthwise of the frame for uniting the left rectangular tube and the left side rail in assembly. Since the sheath can be oriented in a selectable direction, so can the filter, allowing the sheath to be introduced via a jugular or femoral approach to the vena cava. Further, the paths for each of the seams are determined. According to the inventive method, high-purity montelukast or its sodium salt can be prepared in a high yield.

1459827290-7aefb537-cf56-4aa6-89d7-03fdc1215086

Disclosed is a \u201ckeyboard overlay\u201d that sits on top of a touch-sensitive display screen of a computing device. The method includes supporting the rear end of the vehicle in a raised position by providing replacement rear wheels of larger diameter. The task group is assembled with other task groups having identical priorities in a task group queue.

1459827290-a4f0bb72-67ec-43e6-9872-86194759b860

Novel methods for preparing perfluoroalkanes are disclosed as are uses for these compounds. The elastic mount also has an intermediate sleeve having a plurality of windows through which a plurality of pockets formed at respective circumferential

positions of the elastic body are open in the outer circumferential surface of the intermediate sleeve, respectively. The connection and circuitry of the device are much simplified and improved. connected by a Fiber Channel Arbitrated Loop. A plurality of radial holes are arranged in the valve slide, through which radial holes flow can pass and which radial holes interact with a plurality of circumferential control edges in the housing which seal the valve slide in the hole in a leakfree manner by means of suitable sealing rings.

1459827291-2673e349-8846-4dd3-a9fe-b0e48b07ce89

In a spectrographic type spectrometry measuring apparatus employing a concave holographic diffraction grating or a replica thereof, a small-size and light-weight spectrometry measuring apparatus having a high reliability with a spectrum position does not move in a photo detector plane in spite of an occurrence of a temperature change. The impedance matching network comprises a first inductor bridging between the first and second dies, a second inductor coupled to the first inductor and disposed on the first die, and a metal-insulator-metal capacitor disposed on the first die. Chamber is bordered along at least two sides by a dam. In addition, the radius surface can be adjusted to specifically dictate the exit bend radius allowed on the cable coupled to the resistance mechanism cartridge. In one embodiment, an docking station includes a base, a platform on which the notebook computer can be placed, and a platform support armature that extends up from the base and supports the platform, wherein the armature can be pivoted to change the height of the platform and the platform can be pivoted independent of the armature to change an angle of inclination of the platform.

1459827291-2cc374ba-1430-436f-b5b3-6ccdd1d50598

An adverse condition detector that allows the user to visually determine the type of adverse condition being detected. The apparatus or method receives and returns light from the section and from sites adjacent to the section. By sandwiching the organic insulating film between the inorganic insulating films, a stress can be relaxed.

1459827291-68dcba4d-4ce3-412d-8c85-90a39697db39

Embodiments of the invention generally encompass a digital, application specific integrated circuit has been designed to perform excitation of a selected mode within a vibratory rate gyroscope, damping, or \u201cforce-rebalance,\u201d of other modes within the sensor, and signal demodulation of the in-phase and quadrature components of the signal containing the angular rate information. An embodiment comprises inserting a blocking material into vias between the contact and the test pad. The system may further include a contact aggregation engine coupled to the network interface and a network contacts database. It is noted that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to ascertain quickly the subject matter of the technical disclosure and is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. When the results of measuring the group movement parameters meet conditions that have been set in advance, the external network relay device transmits group movement notification messages instructing group movement to the internal network relay devices of its own group and causes the internal network relay devices to change to other groups.

1459827292-5262b3e4-bb96-4310-9a3a-6796a79a7488

The printer includes a print head having nozzles that are arranged in a plurality of lines and that form dots by discharging ink onto a medium used for printing. The user interface provides a list box interface having pull down menus for the display and selection of component defined installation actions. The lower transport conductive layer is scribed and the gap formed from the scribing is filled with the layer formed above the lower conductive layer, such as the electrode layer formed directly above the lower conductive layer. The locking pawl is mounted on a movable base which secures the locking pawl to the housing.

1459827292-d121ab0a-a64c-49b7-a393-c47cdbdfc76f

An analyzer for analyzing a specimen includes a central control unit that instructs systems of the analyzer of a process operation; and a primary control unit that time-divisionally outputs an instruction by the central control unit. Core nanoparticles and/or quantum dots containing one or more elements from group IB and/or IIIA and/or VIA may be coated with one or more layers containing elements from group IB, IIIA or VIA. The film is sealingly fixed to the transparent substrate for preventing dusts from entering the light reflection pattern during the process of assembling the spread illuminating apparatus. The reader head is operable and operably engaged with and moveable along the reference element for measuring relative movement of the reader head along the reference element. Data indicating a selection of a particular interaction page is received. One aspect utilizes tracking near-resonance complex impedance for a quartz resonator based calorimeter sensor to derive ultra-sensitive temperature measurement from the sensor.

1459827292-da91d876-458f-4d6c-b5ac-1dea0fe219ba

A valve assembly for a motorcycle engine including a valve body and a plurality of reed valve constructions. An important advantage of the present invention is that a user interface for controlling and monitoring the programs in the computer network system remains unchanged when compared to the user interface of single computers. Each of the electronic modules is communicatively coupled to the network in a standardized scalable architecture.

1459827292-e9542a0c-3698-442e-9767-607094743546

An embodiment of this invention pertains to a versatile and flexible logic element and logic array block. A convolutional operation is conducted on the sound data that are subjected to the frequency conversion and the generated sound field synthesizing parameters in order to synthesize the sound of the sound source of each channel. The second dielectric layer covers the lateral faces of the pad electrode layer and prevents the first dielectric layer from touching the lateral faces of the pad electrode layer. In a described implementation, each ACP is associated with a zone root key. The embodiments of this method allow the creation of sound decoders that may be securely downloaded with sound and IPL data and that will operate in power limited environments with resistance to power drop outs and are significant improvements beyond prior art devices.

1459827293-8f8f8f76-5c09-4205-84f8-27ee33e9166d

Disclosed is a method for controlling the operating point of a battery, such as a lithium ion battery, a nickel metal hydride battery or a lithium polymer battery. The database categorization system can analyze a DBMS to identify the types of database statements executed on the DBMS and can then categorize the statements automatically, outputting the categorization for presentation to a DBA. The method also includes identifying the user based on the verified first authentication, determining, based on an actual location of the communications terminal, that the user is restricted from accessing the communications terminal, and requesting a second authentication from the user when the user is attempting to access the communications terminal from an unauthorized or undocumented location.

1459827293-d2186ad7-543c-44e0-a2a9-bdb05bd71e3b

A solar cell includes a first electrode, a second electrode and a stacked semiconductor layer. Resist compositions comprising the polymers are sensitive to high-energy radiation and have a high sensitivity and resolution at a wavelength of less than 300 nm and improved resistance to oxygen plasma etching. This tool series is assembled near the end of a production tube string upstream of the well production screen. The annular mixing element is oscillatable about an axis lying in a plane tangent to a point on a wall of the mixing element. A limit pin is adapted for inserting through the trigger and the operation element and abuts with the shell device. It also has a control system that includes process software of

the position data acquired by the measuring devices, from which it determines the required movements to be carried out to achieve the desired final position of the track.

1459827294-15f9ad32-ec9f-4a0b-8404-faa3e3813628

A precharge command can be issued to a single bank or a precharge-all command can be issued to all banks of an integrated circuit memory device at any time during normal operation of the device. The trellis would measure roughly 8 feet long and 8 feet high. The evaporator is comprised of a vapor chamber enclosed by a tube having liquid inlet and vapor outlet ports. The surgical instrument may be a power-assist motorized device including a battery for powering the surgical instrument during use.

1459827294-ba6b7ceb-d54a-4f7d-9cb5-d8dca130e3da

A patch panel in which an adapter and a panel can be installed on the framework of a machine with fewer components. The light source is arranged in opposition to one end surface of the light guide plate. The wavelength output from the regenerator is converted into another wavelength different from the wavelength that is input to the regenerator and can be processed by the WSS in advance. The sync card is further adapted to communicate with at least one other sync card by one of receiving reference clock input and raster sync signal from a previous sync card corresponding to a previous chassis and transmitting reference clock input and raster sync signal to a next sync card corresponding to a next chassis. This identified time-sensitive data is then contiguously transmitted after the first data. Each said part or half and incorporates at the free end and back face thereof hooks for fastening to the clasps of the garment, in such a way that said elastic elements cause traction between the clasps producing the girdling of the garment.

1459827296-05e06d28-17a7-4c82-b008-69b439d6d131

A system for multi-chassis interconnection and a method for chassis connection are disclosed. A fixed income online retail enabling mechanism analyzes a request received from a user to determine the requested operation related to online retail fixed income. Updating the mosaic can include color correcting.

1459827296-13c9fc1a-88da-484a-9396-416cc6201093

Collection systems and methods use a separation chamber that receives blood or a suspension containing red blood cells and performs a separation process including separation of red blood cells from the blood or suspension. The chamber case of a brake chamber of a vehicle is configured to surround a power spring and a piston, and a top portion of the chamber case is formed to have a relatively greater thickness than a side portion thereof to reinforce the strength of the chamber case. The wireless wide area network may simulcast call content to the broadband access gateway via a broadband network. The network includes input/output controllers, having a first communications port for communicating with the master controller and a second communications port for communicating with peripheral devices. The new compounds compositions may be used either alone or in combination with at least one additional agent for the treatment of a Raf kinase mediated disorder, such as cancer. It is possible to cope with the game environments of the individual game terminal devices, easily perform a modification process as compared with the conventional system of the type in which a setting operation is performed in each individual game device and enable an autonomous modification instruction of the game terminal device side.

1459827296-455b6dc3-fd77-4db6-a3ef-d8c97877cfee

A supplemental step assembly for a vehicle having a vehicle step includes a step which has a first end and an opposite second end. The mobile device can then obtain and display the call statistics. Adjustments to the position of the nanospray needle within this assembly are made independent of the remainder of the ion source. The hollow interior of the container body is sealed and provides a fluid-



tight reservoir to hold a fluid or a frozen or partially frozen fluid or gel. A single-column analog gain amplifier may amplify an analog pixel signal value of each column prior to processing by a respective multi-column shared readout circuit. The method for preparing the IGZO particles comprises the following steps: providing a solution of metal acid salts, which contains a zinc salt, an indium salt, and a gallium salt; mixing the solution of the metal acid salts with a basic solution to obtain an oxide precursor; and heating the oxide precursor to obtain IGZO particles.

1459827297-66a057a3-5642-4fa7-940f-32941893d758

A portable main drain utilizing top and bottom walls with an attached flexible conduit for the removal of debris from bodies of water, ponds or spas, which operates with suction at the cleaner suction port and/or the skimmer from the circulation pump. The tooling system is adapted to accommodate any stock part and generally includes a flexible tool device, a stock part with opposed ends defining an edge therebetween, and a securing device. Disclosed is a method by which the UICC exchanges information with a terminal, such as an Internal Key Center and a Bootstrapping Server Function enables a procedure where multiple local keys specific to applications and Network Application Functions are used for authentication and to encrypt and decrypt messages.

1459827297-9c5f8fb3-27c8-4bb5-8d75-092d12210587

A method of facilitating communications between a mobile terminal and a display device includes determining an orientation of a mobile terminal with respect to a display device that is physically distinct of the mobile terminal, and determining a manner in which wireless content data is to be communicated between the display device and the mobile terminal. The call agent allocates a QoS agent for each endpoint involved in a call. A power steering valve is attached to the lower portion of the steering wheel, and grooves in which hydraulic pipings connected to the power steering valve are arranged are formed in the fuel tank. A brake-steer shaft is coupled to the brake mechanism.

1459827298-27a99a2a-0a29-4323-bee9-a20f121808bf

Provided is a memory system that has a plurality of memory banks and a plurality of link controllers. The invention also includes an apparatus for removably attaching the blanket itself to other objects such as a highchairs, baby bouncers, infant swings, car seats, strollers, or shopping carts, for play control and stability. A pulse generation module is configured to determine a plurality of generic pulses based on the plurality of pulse defining parameters.

1459827298-4cc5cefd-d833-4273-ac09-dc2542f4c993

Digital camera systems and methods are described that provide a color digital camera with direct luminance detection. In particular, provided are processes which utilize an amplification mixture comprising a polymerase, a deoxynucleotidetriphosphate mixture which contains modified dNTPs, a first primer and a second primer. The rotational balance between rotational parts including the double-headed pistons is achieved only by first and second balance weights which are inserted and incorporated into both ends of a crank shaft coupled eccentrically to a shaft. The method also comprises bringing the charge carrier into an oscillatory movement along a path.

1459827298-6d9f3ac1-e1fd-4855-a6a6-9466539a7509

Novel mixed agricultural compositions, and methods for their use are disclosed. A user computer stores a stored address. The bus pipeline stage may be coupled between the first bus and the second bus and configured to delay an access between the first bus and the second bus at least one pipeline cycle. Another rotating disk has a long hole corresponding to an anchor element to limit a starting point and an end point of inclined angle travel caused by the above-mentioned dividing holes so that it can be used to adjust the inclined angle of computer, and avoid falling

down due to an over-adjustment.

1459827299-01e88804-36ab-4c26-904e-6146f4467bba

A duty cycle stabilizer circuit receiving an input clock signal and generating an output clock signal having a first duty cycle includes a leading edge pulse generator and a pulse width extender circuit. The insulating region can have a first side and a second side opposite the first side. A biased armature member is adapted to force a friction plate member with friction linings thereon against a housing or cover which is rotating at input speed. The results signals can be output for analysis and/or used internally for defect detection or setting of operating parameters such as a reference used during read operations.

1459827299-8d031e94-6a04-4f38-8179-aab041ecab82

The invention concerns a new flexible or rigid packaging for an electrochemical accumulator. The first format video data has jitter frames inserted therein and is displayed at a first frame rate. The dividing diode is mounted between adjacent LED arrays. Alternatively, the concentration of oxygen in the first layer may have a two-dimensional fluctuation, and a first region where the concentration of oxygen is equal to or higher than 40 atomic % and a second region where the concentration of oxygen is equal to or lower than 35 atomic % may be provided in the first layer. Also provided is a method of forming a dielectric filled, shallow trench isolation region for a MOSFET device where the shallow trench is filled with an aluminosilicate, an aluminum silicon oxynitride or silicon oxynitride dielectric alloys. The received signal is obtained by dividing and re-arraying each of K symbols in terms of a chip period as a unit, each symbol being spread with the spread code at a rate of M chips per symbol, and on repeatedly inserting into the re-arrayed symbols a signature pattern of a length K having one chip period as a unit, by M times, where  $N=K \times M$ .

1459827299-f21cd1b7-933a-4486-88e2-c42c615b7d00

A marking pen having a deformable tip, and adapted to apply ink or the like to a surface in a stroke of uniform width. A secure removable engagement with the top of the ladder is provided by walls descending from a top which form a skirt to surround the top end of the ladder and hold the device from sliding therefrom. The damping material is arranged such that the density of the material in the chamber decreases as the distance from the driver increases. The rotary body has a rotary blade including a first edge portion.

1459827300-16508ad7-f585-4646-8328-8f68256f1b2d

Automatic planogram programming for a glass front snack or cold drink vending machine is accomplished using tray, product and price barcodes, each preferably a different type of barcode. The limiter valve includes an adjuster for adjusting a press-fit position of a spring pin press fit in a plunger. The components are interconnected such that the controller component can selectively vary the steering angle relative to the input control angle.

1459827300-3be778a8-307d-466a-9d22-eddc1caa4528

A method for analyzing a structured integrated circuit is provided. A plurality of the non-intensity modulated optical information signals are converted to intensity modulated signals while the plurality of non-intensity modulated optical information signals are multiplexed in at least a portion of the WDM signal. , bits in one or more header fields. The apparatus also has a contacting portion interconnected with the handle.

1459827300-915ddfe8-ae0d-48eb-ba66-92b4f1a32843

This invention provides a high-volume check stand with a front transport that has two belted input conveyors so that a customer can load one belt while the cashier is checking out products purchased by a second customer on the second belt. The exposure apparatus has a light emitting element member that exposes the image

carrier and is arranged on a substrate. The discharge space is provided with high voltage from a discharge power source and high current from a plasma energy supply power source to form plasma having high temperature and high pressure in the discharge space.

1459827300-b33e64e0-13f6-4fee-8337-cd0eec746290

A compressor case support arrangement for a gas turbine engine includes a fan section having a central axis and a compressor case for housing a compressor. In one embodiment, Aggregation Point Noise Blocking provides for blocking or filtering the noise contributed by one or more of the branches coupled to an aggregation point that are not carrying the signal from a particular terminal. The midframe portion further includes a manifold to directly couple the air flow from the compressor section to a combustor head upstream of the turbine section.

1459827300-f82a93b5-1e8e-45f1-b3c7-f83e260c16cc

Memory systems and methods of forming memory modules. In various embodiments, enabling pulse clocks are configurably generated for a selected one of a first and a second signaling mode, employing a configurable enabling pulse clock generator configurable to so generate the enabling pulse clocks. Thereby this device has the capability to switch 2 sets of retro-reflected optical light transmission paths, the method of said approach is a demonstration of 2\xd72 optical switching function. The requests are placed by the respective requestor by asserting a request signal, and the request signal is deasserted by the respective requestor when a response is sent back. Said panel can be advantageously obtained by using also recycled, injected thermoplastic material, that allows the resulting panel to be conveniently used when the wind causes strong impact, for example, along railway lines where the compression waves generated by trains traveling at high speed over time tend to disassemble the riveted aluminumsteel sound barriers currently in use.

1459827300-fffa1288-ca3e-483c-849b-a1450eb1c331

In a vertical machining center, a spindle head is movable in three mutually transverse axes directions relative to a workpiece and a table is arranged below. A storage object handle is provided on request and a storage object is mapped within a first storage environment. A transport section transports the medium in a sub-scanning direction along the first and second nozzle lines. Parasitic resistance and capacitance elements can increase the further in distance a sector and associated decoder component are from a booster component, which is utilized to increase the voltage at a boost-strap node within each decoder subcomponent to facilitate performing read operations.

1459827301-2c63556c-08c5-4f8b-929e-d7ff70d64624

Disclosed is a catalyst distributor and process for mixing spent catalyst and recycled regenerated catalyst in a regenerator vessel. The alloy for medical use according to, for example, an embodiment of the present invention is mainly composed of three kinds of elements of gold, platinum, and niobium. The plurality of independently steerable wheel assemblies, each steerable about a steer axis of rotation include one of the plurality of wheel assemblies being designated a master wheel and the remaining wheel assemblies being designated slave wheels. When incorporated into the chewing gum, these particles are adapted to produce a fast release or a delayed release when the gum is chewed.

1459827301-6b1d4500-1a42-4c07-a3b4-c5088c4781d3

An activemark mechanism for a live parsing editor allows marks in text to be referenced or linked to any editor command, macro, or any external tool activated by the editor. For oligonucleotides, the eTag reporters are synthesized at the end of the oligonucleotide by using phosphite or phosphate chemistry, whereby mass-modifying regions, charge-modifying regions and detectable regions are added sequentially to produce the eTag labeled reporters. The virtual segmentation system further includes a virtual segmentation subsystem that is associated with the

protocol data unit receiver subsystem and is configured to perform virtual segmentation on the protocol data unit. In addition, the spent cloth can have been used as metal working filtration media and the foreign solid particles removed from the cloth using a brush. The transmitter is configured to transmit the aggregated encrypted data and the total value of the message authentication codes. The filtered radiation is detected, and a depolarization ratio is calculated using the detected filtered radiation.

1459827301-cb9d48af-f6f9-418f-b874-988ceee899f8

It has been identified in accordance with the present invention that Nell1 is essential for normal cardiovascular development by promoting proper formation of the heart and blood vessels. Desorption of the sulfur and sulfur compounds from the catalyst occurs at a temperature less than 600 degrees centigrade. The first support has a peripheral edge. In some other embodiments, the external fixator ring further comprises angled flanges extending radially from the inner or outer surface. Little is known about the T-DNA integration process, and no plant genes involved in integration have been identified prior to the present invention.

1459827301-eadfa84c-2837-4fc3-85ce-b84c8a903305

A method and apparatus for connecting threaded members while ensuring that a proper connection is made. In one exemplary implementation, multiple associative memories or associative memory banks are configured to substantially simultaneously generate a plurality of lookup results based on a lookup value. The piece-wise update-and-hold technique results in a pseudo high pass filter response with an equivalent corner. Decoding rules associated with the message type are generated by the High Level network layer component. A memory access controller is included on circuits with a memory such that serial data may be written to and read from the memories without having to repetitively cycle through multiple shift operations. 2 to 2 are administered to felines to treat feline inflammatory bowel disease.

1459827302-33d9d664-1966-4cfc-91a4-5562f224ad18

A Scan-BIST architecture is adapted into a low power Scan-BIST architecture. The characteristics of the first network connection can be potentially different than the subsequent network connections. By permitting flush mounting the meander line antenna, not only can the antenna dimensions be minimized due to the use of the meander line loaded antenna configuration, but in aircraft applications no part of the antenna exists above the skin of the aircraft, thereby to minimize turbulent flow. The systems of the present invention provides the ability to distinguish between tissues of varying viscosity. Operation of the gas turbine is stabilized using a low limit value of a pressure drop ratio, wherein the pressure drop ratio is a quotient of a pressure drop which occurs at the control valve and of a pressure upstream of the control valve.

1459827302-609f0374-ba00-4ecc-bcf4-6ee3f986573d

The nursing garment of this invention is in the nature of a bib, small enough to be easily carried with a baby's paraphernalia and easily positioned over a user's conventional outerwear when desired. The reinforcing structure includes a front pillar whose peripheral wall has an outer panel and a reinforcement to provide a double wall structure, and an adjusting mechanism for making a buckling-mode waveform of the outer panel in a substantially-reversed phase to a buckling-mode waveform of the reinforcement. The instrument may have a toggle member with one or more selectable positions that may selectively activate any of one or more operational states of an electrosurgical electrode comprising the instrument.

1459827302-6e76ea57-5808-4f19-8421-f7655c3e1d73

A method of flying an aircraft, where the aircraft has an associated performance envelope, along a flight path based determining an altitude profile for a cruise-climb along the flight path based on the performance envelope of the aircraft and flying the aircraft along the flight path to approximate the altitude profile. A

police activity transponder is configured to read speed data available through an on-board diagnostic system or an intelligent vehicle data bus and using an internal clock, calculate a 0 to 60 mile per hour or a quarter mile time for display and function as a speedometer. An access rule defines which API server on the online commerce site a specific third party application may access when using a specific API function call. The valve is configured to selectively permit and restrict flow between the channel and the cavity via the passage.

1459827302-d6be9b55-50ee-4b18-beb1-a7c60a83abcf

A method and apparatus for authenticating entities to use an intelligent interactive Electronic Document Code stored in an RFID tag attached to a document as a means for third parties to ascertain a document is not counterfeit and has not been revoked or changed. The composition comprises collagen, elastin, sphingosine and cerebroside. The present invention also relates to a self-adhesive label web comprising successive plastic labels, and a method for manufacturing a laminate to be used in manufacturing of self-adhesive labels.

1459827303-37921faf-9737-4cd7-a6ab-86b128bb46b5

An expandable pallet which includes a pair of deck members which have at least one column member extending therebetween. One embodiment includes asymmetric primary and secondary lenses. The lighting elements are coupled to the secondary winding. The base paints are blended in the blending device according to the predetermined ratio forming a secondary paint having the hue and chroma previously selected. 6A, an image obtained by enlarging a spark portion of the image preceding the current image by a predetermined number is drawn in such a manner that it looks semi-transparent to obtain the image as shown in FIG. The drain-side passage is formed by exhaust passage holes whose number is an even number equal to four or more and which are arranged at regular intervals in the circumferential direction of the valve seat member.

1459827303-55697960-d58e-4c74-a9aa-ddaea6385f8b

A security system for monitoring a premises. Alternatively, or in addition, a digital image can have text that is adjacent to a predefined insertion field. Held by a taper, slant or curved face against insides of the slotted holes, the steel balls move axially, overhanging the enclosure.

1459827303-726adaf6-66cf-48bc-9e7a-8fe160844f51

Provided is thermosetting urea-formaldehyde resin binder formulation, preferably prepared with modified styrene-maleic anhydride. The semiconductor device includes a lower semiconductor chip bonded onto a surface of a wiring substrate; an upper semiconductor chip; and one or more spacers which are bonded to the surface of the wiring substrate and which support the upper chip over the lower chip and at a location separated from the lower chip. The inlet forming member is configured to provide an inlet cavity in the casting mold to enable casting material to enter the casting mold. In one embodiment a buffer is provided between the microphone and the mixer to help synchronize the timing of the signals to be mixed.

1459827303-bf0fde4e-d3f8-4a66-b495-dfc89e9a6055

The invention is directed to a method of treating chronic spinal mechanical pain by intravenous administration to a subject in need of chronic spinal mechanical pain relief of an effective amount of bisphosphonate. The first member has a cylindrical stem with a coupling tooth projecting from the stem. The logic gate has a first input connected to receive a first logic value of a bus line, and a second input coupled to receive data output from a subarray.

1459827303-f4695468-d863-438a-bcf4-c386ee40a4fa

A broadband optical via provides a low loss interconnection between waveguides in two vertically adjacent planar waveguiding layers. The primary module comprises a first supporting body having a first main gas flow path through the body. On the

contrary, the wavelength-swept laser according to another aspect of the present invention suppresses mode-locking to produce continuous output by tuning the filter frequency change speed to the frequency shift speed of the frequency shifter. This eliminates occurrence of poor welding in the electric resistance welding.

1459827304-0b635a91-6709-469a-b283-9550d6e8ffa7

The present invention provides a medical device, preferably an ophthalmic device, more preferably a contact lens, which comprises a lubricious coating including a capping layer of polyvinylpyrrolidone and/or at least one layer of a lubricious coating material and one layer of a polyionic material having charges opposite of the charges of the lubricious coating material. The system is a foam-dispensing container and an aqueous emulsion of an oil component with improved foamability. The display is received in the recessed portion, and is pivotably connected to sidewalls of the recessed portion. Another method is disclosed including receiving at a network access element on a first uplink communication path a bandwidth request from a user equipment. The slide member includes an aperture for receiving the line therethrough and a groove along a peripheral portion for sliding engagement with the hook.

1459827304-8948cf7e-9738-49c7-a061-77f1036456ca

An image arranging device arranging an image in a predetermined region, includes: a regulation obtaining section that obtains an arrangement regulation of the image in the region; and a data obtaining section that obtains print image data which represents a print image to be printed on a print medium and in which a finish size of a printed matter is designated. The inner layer is made of a bearing material that includes a thermosetting resin. After the high-power optical burn-in, the output of the lasers can be measured to determine if the lasers are operating within specifications. The response of the system is measured as the Position Error Signal, for the magnetic head moved by the micro-actuator. Such information can be analysed and compared against known optical systems to provide a means of identification.

1459827304-c18aa4c8-a9f9-404b-bb91-4f24a2d7a038

An integrated cap assembly of a secondary battery. The third member 14 covers the first member 10 in which the first room 24 is formed and the second member 12 in which the second room 38 is formed. The material surface indicator is at a height above the depth guide substantially equal to the predetermined depth. The basic body is made from a first material with a first density and the insert is made from a material with a second density, which is lower than the first density.

1459827304-f34a6bd2-29dc-412a-8f05-ffd0c0113deb

Additional information on the phase of an external clock signal is obtained by using clock signals to determine if a phase difference between an external clock signal and a first internal sampling clock signal is less than a pre-selected value. A first and a second conductor patterns are formed on the first and the second surface respectively. Routing circuitry is configured by the stored block repair configuration to output some row and column address bits from received row and column addresses in a selected ratio. The valve member is mounted on a valve shaft that is rotatably supported by the valve housing.

1459827305-1e541837-f9d2-4f60-b41c-b83a7376e2e4

A tool for measuring, marking, or cutting material, the tool formed of a rigid sheet of transparent material having a plurality of lines formed thereon, and a plurality of windows formed in the lines to enable viewing of material underlying the tool. The layers are individually formed and laminated together, the laminated combination subsequently cut into a plurality of discs. The presence of the thermal isolator eliminates the thermal short, and substantially increases the effectiveness of the temperature controller and enables the miniaturization of temperature-controlled optoelectronic transceiver modules. Also provided are a

color filter and a liquid crystal display which are formed by using the ionizing radiation-curable resin composition.

1459827305-7051780d-cce6-407a-9ff1-e470ff40c643

This magnetic recording medium is characterized in that in the magnetic recording medium having a magnetic layer on a non-magnetic substrate by intercalating at least an under layer, the proportion of functional groups per 100 carbon atoms in a diamond-like carbon protective layer mainly composed of carbon for protecting the magnetic layer exceeds 20%. The aperture specifying unit instructs a beam-limit control unit to take the calculated aperture of the diaphragm blades in an X-ray beam limiting device. A diagnostic module enables one or more engine diagnostic modes based on the selected engine rotation mode. The valves must criss-cross to open/close. In addition, the bottom antireflection coating provides a reliable adhesive surface for the color filter array, substantially eliminating lifting of the color filter array resist structures. Adjacent signal lines are not active at the same time.

1459827305-9b87c9d0-b831-4e4b-a75a-1eed89b2016b

This invention is directed to a composition comprising: platinum group metal powder, alloys, or mixtures thereof as a powder or deposited on graphite supports; poly, derivatives, or mixtures thereof; carbon-based electrically conductive filler; and thermoplastic polymer or mixtures thereof. Gas being produced by the well is used to create a pressure differential between two spaces. Also disclosed are systems and methods for linking product attribute data obtained during the manufacturing process with one or more data sources including raw material data, process setting data, product quality data, and/or productivity data.

1459827305-f0ce375f-fc60-4d5f-862c-bd44c3032828

A disc-shaped analysis chip has an internal space. The system is based on purified polymalic acid. At least a portion of the headspace gas is a sulfide gas. The light source is disposed over the mask pattern generator to a photo-resist layer on the substrate. The compositions of the present invention are useful for treating and removing biofilms, as well as inhibiting sulfide production in a variety of aqueous systems. By way of example, a base character and the various accented forms thereof can be said to have a logical proximity to one another that is closer than their logical proximity to any character having a different base character, whether additionally having a diacritical element or not.

1459827306-32c1d957-aeef-4ee7-8f98-74ae669e45ef

A transport cage and enclosed case combination, wherein the cage is adapted to attach to a vehicle rack where the cage functions simultaneously as a transport container and as a supplemental rack. Entrainment reflects a harmonious balance between the two branches of the autonomic nervous system within the body. Adjustment of an input can include shifting the mantissa by the leading bit count and adjusting the exponent accordingly, while adjustment of the output can include shifting the mantissa by the sum of the leading bit counts of the inputs and adjusting the exponent accordingly. The method includes using the radiation shield device in processing a workpiece using a processing tool.

1459827306-950313c9-d0b3-46ff-8823-5e1fd79de569

A cup for dispensing liquid and solid medication. It employs a housing, with an opening on one end, and at least one layer of parallel strings or line stretched across that opening. Deformation of the pedestal in response to the downward pressure is concentrated in the connector segments and, to a limited extent, an innermost portion of the disk member, providing improved structural integrity for a given downward force required to release the disk.

1459827306-c6f05372-b455-4f98-9b33-385fa7a4e928

Rate based monitoring includes performing test cycles on a monitored system when

predetermined conditions are met. The clamp assemblies are adapted for releasably clamping the conduit sections. The HFHCL process includes applying a dilute of HF for a select amount of time and applying a dilute of HCL for a specific amount of time. A pipe is extendable into the receiving aperture and a ferrule positioned on the pipe is alignable with the opening.

1459827307-26699d78-1600-4270-b39c-0c96cde8e13c

A steering column assembly includes a column jacket and a rake bracket for mounting the column jacket to a vehicle. A user selects or submits a media file for authentication. A voltage monitoring circuit has a control register holding a value predetermined for a selected operational mode.

1459827307-39b85c26-a385-471e-ba20-256fccc6833e

An apparatus is shown for installing a pulling a submersible pump from a well bore where the pump is supported on a length of flexible tubing. For enhanced performance with regard to efficiency in a structurally less costly manner, a rotation-symmetric flow guiding element is mounted on the outlet side directly or indirectly on the stator and concentrically with respect to a stator hub. A poiyo1 mixture is then selected. The rate at which the DC bias voltage builds up on the substrate controls an ion energy distribution and an ion angular distribution within a plasma exposed to an electromagnetic field emanating from the substrate. The technique provides a robust, reliable and accurate method of genotyping which is suited to automation.

1459827307-aa0637ad-d23a-4681-b08b-3de787e271ad

A fluid dynamic bearing motor features a stationary assembly, a rotating assembly supported on the stationary assembly, a fluid dynamic bearing system in a gap between the stationary and rotating assemblies, a radial capillary seal defined proximate a first end of the journal gap, and at least one re-circulation hole extending from the radial capillary seal to a second end of the journal gap. The prostheses are readily attached to the pedicles of a vertebral body and support at least one element that defines an artificial facet joint structure. A difference Fourier map is calculated and the ligand position and points of interaction between the atoms of the macromolecule and the atoms of the ligand can be deduced and visualized.

1459827307-dd8a820e-9ee3-45b5-a752-6139c1e2edd5

A system and method can rout traffic between distinct subnets in a network environment. The storage medium stores AV data; and metadata for conducting an enhanced search of the AV data by scene using information regarding at least one search keyword. A static capacitor is electrically connected between one leg of the first section of the cell and one leg of the second section of the cell. A MSE equation is derived based on assuming the ratios between any two sampling points separated by N samples are identical, and the IQ imbalance parameters can be estimated by solving the MSE equation using the LS algorithm. When cut in half each filter tube produces two cigarette filters.

1459827307-e49d844f-3721-4e39-ae0e-c91b85346f35

A beverage preparation system, a method of preparation and a device for securely engaging with a cup unit for preparing a beverage. The electronic device is provided with a calculator unit to calculate linear functions, a device to generate arbitrary functions, including nonlinear functions, and a selector device to selectively put the electronic device in a first mode to calculate linear functions and a second mode to generate non-linear functions. The rod may be formed of any desirable metallic material, for example stainless steel or a nickel-titanium alloy.

1459827307-f4d8fa11-7fe2-4ae2-9a99-a03e772d1eb7

Exemplary embodiments provide a verification technique that facilitates



administration of a health-related procedure to an intended recipient patient or group of patients. A secret key generation unit uses a user ID as a public key to generate a secret key corresponding to the user ID. The driving signals SP1 to SP17 are sequentially supplied to the switches S1 to S17 to turn ON or turn OFF them. The frequency dividing number of another frequency divider in the another communication block is set to a non-integer, and communication local signals supplied from the frequency divider to the mixers become non-quadrature signals having a phase difference at a predetermined offset angle from 90 degrees. While the blade is moving from the inoperative position to the operative position the blade engages the deflector.

1459827308-320c1e72-3466-40b8-846d-b15e3333c8b3

Compounds are described herein useful for treating diseases and conditions by modulation of one or more alpha adrenergic receptor. The method continues by utilizing some of the frequency bands of the single DSL channel and frequency bands of at least one other DSL channel to support the data communication when the loop length of the single DSL channel is unfavorable or the data rate of the data communication is unfavorable. In another part, methods and devices are disclosed for oscillating force when opening. One of the split beams is then directed to an image transformation system, which may perform an image inversion which inverts at least one coordinate in image space. The third transistor is used in an IO circuit.

1459827308-4759fd82-46c8-48cd-b63c-e62f14abea3e

A torquing device for assisting in the removal of a lid from a container. Furthermore, products made by the various processes of the present invention are further described. The invention further relates to genetic complements of plants of variety CH087822. Trace logic is provided for receiving indications of the sequence of operations being performed by the device, and for generating from the indications a stream of trace elements. The response of the system being displayed or otherwise communicated, and perceived as essentially instantaneous.

1459827308-7e64c292-0f9f-4140-91d3-e811f20c8ee1

A laminated piezoelectric element that includes a piezoelectric element layer and a matching layer. A cane having a brake releasable and engageable by the substantially downward force of a user's hand while the user's hand substantially continuously maintains a grip on the cane and while the user walks beside the cane. The configuration of the FEM circuit permits the use of common, relatively low cost semiconductor fabrication techniques such as standard CMOS processes. The identifier is matched with an identification pattern included in a record of a database accessible to the computer system.

1459827308-ceca969c-4f88-4e55-8812-9e28146918d7

A tool and/or other system is provided that simulates write pacing in connection with a requested operation for a storage system to allow an analysis of the effect of the requested operation on the storage system. In a single coat embodiment, the entire coating is loaded with at least 75 phr zinc powder. A docking station for the communication and locator systems is also disclosed.

1459827309-13dc6f43-8549-4fcb-8676-9818a2367156

Dispensing equipment for dispensing blown loose-fill insulation. The artificial dielectric antenna structure includes a plurality of layers of dielectric material. The present invention also includes feline interleukin-18, feline caspase-1, feline interleukin-12 single chain and canine interleukin-12 single chain nucleic acid molecules encoding such proteins, antibodies raised against such proteins and/or inhibitors of such proteins or nucleic acid molecules. The contaminated vapor includes steam and hydrocarbons.

1459827309-5f8431db-3ae6-4334-bff6-de187cf8ead4

Aspects of the subject matter described herein relate to integrated database

deployment. The human serum albumin is present in an amount effective to reduce one or more side effects associated with administration of the pharmaceutical composition. Responsive to an input, a rate at which the data is received by the browser is reduced, wherein the portion of the bandwidth used to receive data is reduced.

1459827309-b0eabf58-d557-4d33-95e9-96a9cb667098

A system is provided for conveying information to an occupant of a motor vehicle. Each cylindrical electrode includes hemispherical silicon grains. This dramatically reduces the volume, weight, and cost of the device. The blurring is performed according to a blur radius.

1459827309-c70591ac-e15d-4bee-beef-78fbec1da970

An audio amplification circuit comprises an amplifier having an input and an output, as well as an audio output to which a load can be connected. The spacing between the voltage-limiting region and the central junction defines the breakdown voltage. 5 to 30 mg memantine or a pharmaceutically acceptable salt achieves particular pharmacokinetic criteria such as change in plasma concentration of memantine over time and ratio of maximum memantine plasma concentration to mean memantine plasma concentration. The calculation unit calculates coloring information that occurs at the interest pixel based on coloring information corresponding to a combination of the converted color material data of the chromatic color material and the determined color material data of the achromatic color material and the coloring information that occurs at the surrounding pixels. The data security logic is operable to perform at least one data security function associated with the non-volatile memory array. A semiconductor device includes a semiconductor substrate, a wiring layer that is formed on the semiconductor substrate, and a drive circuit that is provided in a circuit forming region of the semiconductor substrate.

1459827309-deaeee142-1d72-4fc5-b1af-5979d82aa6f3

Systems and methods for adjusting print queues to obtain more efficient printing are disclosed. The regulator includes monitoring, control, and protection circuits with a phase signal monitor, a field switching circuit that operates the field coil in response to electrical power demands, and a field enable switch in series with the field regulating switch. An opening of the thrust control valve is defined by a variable spacing between the thrust ring and the rear bearing.

1459827310-03b17773-7f73-4b6d-9601-ea3bb983c0a8

Provided are an apparatus and method for calculating the number of leading zero bits of a binary operation. The mobile terminal can mechanically change the position of the display unit in the horizontal or vertical direction to vary the magnitude of the image displayed on the display unit, so that the user can watch movies, motion pictures and contents through a larger screen. Batteries and battery charger that are used in conjunction with another controller to provide an emergency source of power. Capture is confirmed when the amplitude detection feature has a positive polarity. The motor lock is defeated and the milling commenced using the downhole motor. The compounds, compositions, methods and kits are useful in the treatment of subjects suffering from diseases or conditions and or symptoms associated with diseases or conditions in which RhoA expression has adverse consequences and for conferring neuroprotection.

1459827310-2162bd93-27e8-4c68-afd4-85bcc5a4800c

An optical imaging lens assembly includes, in order from an object side to an image side, a first lens element, a second lens element, a third lens element, a fourth lens element, a fifth lens element, and a sixth lens element. A fluid separation unit having a housing containing separation means, the housing having an inlet and an outlet spaced from the inlet, each including a fitting for attachment of the housing to a manifold or other device allowing fluid communication through the

separation means to a point of use is provided. The encoder includes a sparsity-based de-artifact filter for performing sparsity-based de-artifact filtering on the portion. This user-specific information can then be used by the user's mobile computing device to manage, e.

1459827310-492eaed4-f0ad-4ba9-912d-edbd4b90a415

A telescopic vertical take-off aircraft is disclosed. In accordance with an important aspect of the invention, damage to relatively fragile structures, such as submicron dimensioned structures on semiconductors are minimized by utilizing an adhesive tape to peel off undesired metal in close proximity to submicron dimension structures. This arrangement reduces the need to power the cabinet.

1459827310-7d11cb41-8f0f-4124-b137-91dbe7f957db

A method is for calibrating a contrast offset value for an LCD contrast control system in a mobile device. A microprocessor, or other on-board computer, uses avionic sensors to sense an irreversible catastrophic or dangerous situation, thereby initiating automatic ejection. The lid has a free edge, with a liquid passage opening allowing liquid passage when the lid is in said closed position. Such articles include, but are not limited to electronic devices, dust handling equipment and notebook computer enclosures. The TRD utility uses the single target to utilize the minimal resource allocation which allows listening on a single connection.

1459827310-7fa80cf3-5ce1-4524-a7ea-73aad1939c6b

A head and neck protection system includes a head protector, a shoulder protector, and a neck guard for protecting an athlete from injury. The lifeline has an intermediate portion interconnecting a first end and a second end. The server gives a notification that the defective condition arises in the CORBA library and the server itself to the control section. At least one chain ring is configured to rotate a driven wheel of the bicycle. After alignment of the probe pin holes in the various pieces, probe pins are injected into these holes.

1459827310-d85f27cb-a7b3-4988-9d69-539357eae83a

Thiol-linked polymeric prodrugs and methods of making and using the same are disclosed. A coil-like or zigzag-like linear fastener element row of synthetic resin is mounted on a side edge of a fastener tape, and then a rod-like body is inserted into a coupling space portion in a rear side of coupling heads of plural fastener elements at a terminal end of the fastener element row and attached thereto. A set of a maximum number of vertices, where no two vertices are coupled by an edge, is determined.

1459827311-3384e111-b905-4c66-926a-944f35641b77

Implantable devices are provided useful for creating fusion particularly in intervertebral spinal fusion. A received signal-combining scheme is determined according to the strength of an interference signal included in the signals received from the antennas. At least the first and at least the second optically functional interface have, at least in sections, a cylinder lens geometry or a cylinder lens-like geometry so that these optically functional interfaces each have a direction lying in the interfaces and along which at least in sections the curvature of the surface is essentially constant. Each ligand is macrolide antibiotic, aminoglycoside, lincosamide, oxazolidinone, streptogramin, tetracycline or other compound which binds to bacterial ribosomal RNA and/or one or more proteins involved in ribosomal protein synthesis in the bacterium.

1459827311-47005329-742f-453e-8a51-ddc037c7089f

A slidable mobile terminal including a first body having a first surface and a second surface, a second body having a first surface and a second surface, the first body being movable with respect to the second body between a closed position where the first body substantially overlaps the second body and an open position

where the first body partially overlaps the second body, is provided. The valve assembly includes a port in a firing chamber in an engine head, the port having a valve seat on a side opposite from the firing chamber. Other embodiments are described and claimed.

1459827311-4f45d923-44f1-4a97-9b73-23ada17bfa5c

A system and method for summarizing data corresponding to properties of interest on an unstructured grid that includes active cells and inactive cells on an output surface. The transmitting system stores messages to be transmitted in a pending message queue and applies a dynamic window to the pending message queue to define a message bundle to be sent through the slow communication link. The system predicts the location and movement of the wake based on the nominal wake model and correspondingly performs an uncertainty analysis on the wake model to determine a wake hazard zone, which comprises a plurality of \u201cwake planes,\u201d each moving independently from another. The cannula and stylet hubs further include a base and a cap, with the cannula and stylet hub caps being maintained at all times within the inner channel of the hub strap.

1459827311-dfe2f963-9fce-4634-b68f-7909e6249997

Biodegradable coatings that include natural biodegradable polysaccharides are described. The gaming system also includes a display for displaying a randomly selected outcome of the wagering game and a touch-screen input device in association with the display. The latest defect list and the latest DDS are provided in a recorded disc management working area neighboring a border between the recorded disc management working area and an unrecorded disc management working area, where the latest defect list precedes the latest DDS in the predetermined direction. When these indicator biomolecules come in a contact with a pathogen, chemical and/or morphological changes occur in the film and electrical current flowing through the electrodes is modulated.

1459827312-10a6cf4b-c945-403b-91b2-e875e9ecd314

An AlTiC-based substrate suitable for a thin-film magnetic head is provided. The semiconductor device has a first terminal, an amplification circuit coupled to the first terminal, and an output buffer whose output terminal is coupled to the first terminal. Rotating the handle to increase the overall length of the invention decreases its flexibility at the coiled spring. In this way it is possible to produce panels with various radii of curvature using a single mold. The method also includes updating a virtual defragmentation map to record the actual location of the block and the defrag location for the block. The charge accumulation circuit controls the switch provided between the capacitors and thus can dynamically vary electrostatic capacitance of the charge accumulation circuit which applies a voltage to a constant voltage circuit.

1459827312-1edd85f6-d5e0-43e8-94da-d6ead5df9a8e

A semiconductor integrated circuit effectively makes use of wiring channels of wiring formed by a damascene method. These esters are derived from poly-hydroxy functional compounds sequentially reacted with ethylene oxide or propylene oxide, followed by the reaction of the alkoxylate with fatty acid. A logical exclusive OR combination of the closest match entry and the data block is performed to form a spatial difference vector identifying locations wherein the data block differs from the closest match entry. Each jaw includes a helical ridge for engaging the outer surface of the extrudate to cause a helical groove to be formed therein which constitutes a chip flute in the tool. Subsequent write pulses are applied to the RRAM cell until the RRAM cell is in the desired data state or until a predetermined number of write pulses have been applied to the RRAM cell. Systems may modify what has already been stored or displayed as a result in revising segmentation information based on analysis utilizing the new data samples.

1459827312-2ed81668-bfc8-4323-a226-ed58014ab291

A method is provided for graphical display of hierarchical hardlinks to files in a file system that includes identifying multiple hardlinks for a file and displaying relationships among the multiple hardlinks and the file. The second set has the first capacitance value and each of the N capacitors has a third capacitance value that is greater than the second capacitance value. An internet-connected device running an app transmits the current geographic location of the device, and a remote processing center executes a default action when finding correspondence between the geo-fence of a registered location and the current geographic information of an end user's device, and in one embodiment, the default action may be to enter and pay for parking at a registered location. Any one of a number of pigment compounds may be utilized in the temporary aqueous aerosol paint composition, including fluorescent colored pigment compounds, thereby permitting use in a variety of applications.

1459827313-09a1bfbd-858c-4ea2-91b8-ef094813a053

A scannable latch for use within a circuit path of a series of one or more dynamic circuits is provided. The method comprises forming a liquid crystalline matrix on the tissue surface wherein the matrix comprises a tissue surface component. The sensor includes a float linked by means of a linkage to a first magnet axially rotatable on a first axis. The elongate support also defines a plurality of second groups of holes aligned with the first groups.

1459827313-516567c0-b2ad-4da4-bae8-13d8838c6c79

An encryption apparatus and method for generating a ciphertext from an input plaintext of the same length as the ciphertext by parallel processing of the input signal. The access control system provides components and circuitry to enable a user to securely assign and designate any card reader compatible card as an appropriate programming card and thereby activate or deactivate users and/or cards. The first bit and the second bit form a data bit.

1459827313-5cc41fd3-d842-4abe-bb14-549efe3a1dcc

The invention concerns a passive terahertz radiation source configured to emit electromagnetic radiation having frequency in the range of 10 GHz to 50 THz and a method for generating a terahertz radiation. Differing anisotropic forms can be achieved by different strip widths, strip thicknesses, strip intervals or strip materials. The areas where occlusal contact occurs is displayed on the user interface in a readily perceptible manner, such as by showing the occlusal contacts in green. If the last data packet should be located at the location of Px, then the last but one packet is located and moved to the memory buffer. If the shared secret is successfully verified, then the peripheral device is unlocked allowing use of the device by using an encryption key that is made available by the verified shared secret.

1459827313-6ec6ae48-21a6-4394-b422-c4e4376bc67d

In a process for converting methane to aromatic hydrocarbons, a feed containing methane is contacted with a dehydrocyclization catalyst in a reaction zone under conditions effective to convert the methane to aromatic hydrocarbons. The compounds are characterized by a particularly light feeling. A control handle is attached to the proximal end of the catheter body and includes first and second members that are moveable relative to each other. The two adjoining segmented photodiodes function like one segmented photodiode, and thereby, the resolution of the applied scale slit is made  $\propto$  of the reference resolution. The user also identifies a type of association between the selected objects and the field. The pivot axis is located adjacent to the third wall of the housing and extends generally along the third wall of the housing.

1459827313-9ac49c09-e9d9-4660-b608-2cfbce7c17f9

A method and system of encoding and decoding digital video content. The integrated source code file is stored on a computer readable medium and the computer program

created therefrom is executable by a computer system having a front-end for interfacing with a user, and a back-end for performing batch functions. A dentist can utilize the video mirror images as a frame of reference when performing dental work. The cover has a widest width dimension along the longitudinal sides intermediate of the end walls that exceeds a pre-defined maximum width for rail transport of the nacelle.

1459827314-72d46185-a917-4f1c-a042-c142c0f0918c

A new cultivar of grandiflora rose, Rosa \u2018BAIcent\u2019, characterized by its clusters of double, high-centered blossoms on long, straight stems with apricot to pale yellow flowers that turn creamy white. By expressing information to be recorded in phase difference or frequency difference, it is made possible to record or reproduce the information at the varying timing of amplitude, and the bit inversion interval can be controlled by regulating the timing of amplitude variation. The gaming device also includes a game controller for managing and operating the plurality of games, and a game rating system in communication with the game controller. The splitter end of the cable assembly of the LCP may also include a splice tray assembly and/or a fiber optic routing guide.

1459827314-77d237aa-00e1-4ff5-b6cf-4040d039c045

A method is provided for facilitating device-to-device communication. The belt includes a plurality of cleat sets extending at a non-perpendicular angle across the axis of the belt. A decoder is formed on chip for performing logical operations on demodulated digital data.

1459827314-e7fd0820-620d-40ce-bafa-7fed494246d6

A new mail transport protocol is proposed for use over a reliable byte-stream transport. The layers are sandwiched with gel and thermal-pressing to constitute the support structure. The carriage is supported on the framework of a building roof and moves along a building wall for dispensing vertical lengths of insulation which are secured to the wall.

1459827315-6a361ff9-80d3-4173-94d1-91c195424467

The present invention relates to variant EGIII cellulases that have improved stability and/or performance. When the vulnerability of the resource is determined not to have been addressed and when a recovery time defined in the memory corresponding to the resource is longer than a predetermined time, the measure selecting apparatus evaluates measures defined in the memory corresponding to the vulnerability determined not to have been addressed, and calculates an evaluation value of each measure. The audio jack has an insulative housing and two sets of terminals.

1459827315-8ca5f503-50b5-4df7-b41d-7a6feaacc312

An intra-oral camera for producing an axially aligned picture of an intra-oral item of interest permits a rapid taking of pictures, whereby burdensome usage requirements are avoided without, however, suffering any diminishment in the quality of the picture that is taken. At least one cavity insert is removably mounted within a cavity plate, the at least one cavity insert defining a mold cavity, and a first portion of a gate for communicating the fluid between the nozzle assembly and the mold cavity. The forcer is composed of a forcer housing in which the through-hole is defined and a coil member which is arranged on an inner peripheral surface of the through-hole of the forcer housing and to which the electric signal is applied. The counting module provides a counting operation for the copyback operations at different logic addresses of the first memory and, according to a counting result of the counting operation, determines whether a checking and correcting requirement has been satisfied by any of the logic addresses.

1459827315-8dea5f2a-84bc-4281-9784-8c8332c96ba1

An evaluation pattern, for evaluating the extent of occurrence of thermal interference, is recorded with recording power being varied stepwise from a low recording power to a high recording power. The integrally adjustable insufflation device includes one or more one fluid control mechanisms to regulate the pressure rate and/or flow rate of the insufflation fluid being supplied to the subcutaneous area from within a sterile field surrounding the subcutaneous area. A gear shifter may disengage the pinion gear member from the rack gear. The sleeve has a constricted portion, which is disposed between the open ends and has a cross-sectional area less than any other cross-sectional area between the open ends. The flange has a threaded aperture extending through it.

1459827315-911e0000-b164-4edd-8de5-9a83a7717f4f

A pharmaceutical composition and treatment method to reduce the proliferation of cancerous or tumor cells, in which the combined active agents are methylglyoxal, ascorbic acid, creatine and melatonin. In some embodiments, a set of encoded credibility scoring rules are used to compute each of the component credibility scores, wherein the credibility scoring rules are derived based on factors that have been identified by a grouping of people that preferably represent a primary demographic of users that consume the content of a particular classified type of website. The validation system also performs a validation query to a domain name services or other public service on the network to obtain public data about each service. The hydraulic valve actuator may be configured to selectively actuate at least one valve in communication with the hydraulic valve actuator in response to the at least one cam lobe.

1459827315-97460d94-0bf8-493e-b47a-3089cacb9a69

A dynamic service level allocation system and method is disclosed in which a host, who has been allocated a bandwidth in which it can communicate with a satellite, shares this bandwidth with a user at the intermediate frequency level. The glass fibers can be used, for example, in a lead acid battery. The optical film of the present invention is an optical film including a polyester type film and a functional layer provided on the polyester type film, the functional layer containing a high-molecular weight polymethyl methacrylate, an acrylic polyol, an isocyanate type curing agent, and a polyester resin. Moreover, the control unit receives voltage V1 of the DC power supply from a voltage sensor to stop the up-converter if voltage V1 does not match voltage V2. The deflection system provides dynamic stabilization while reducing the stress exerted upon the bone anchors and spinal anatomy.

1459827315-beddd136-7aef-4d4c-ae73-98358351cc9f

In a communication system, a content server reads required data from a content database and transmits the data by packet communications over public communication lines, and a network management server receives and stores the required information from the public communication lines. Players make wagers on the outcome of a single roll of the three dice. Additional joints may be joined during the same brazing step. When the SIP is deselected, the application is notified and enters a pen mode, whereby the pen events are interpreted as digital ink strokes instead of characters. If there has been no run, a bond fault alarm status signal is generated, halting further bonding operations. An adjusting member is slidably attached to the frame and movable within a second plane of travel non-parallel to the first plane of travel of the second end of the shock absorber.

1459827315-f4fba6c9-3373-4d3c-8343-c68b39fd643f

The present invention provides a sound source supply apparatus capable of playing music with less degradation of sound by processing an original sound source such that music is not determined to be a noise. The electric motor is electrically driven by the electronic power unit, the electronic power unit is electrically controlled by the electronic control unit, the system includes an average speed controller and a device for monitoring the position of the electric motor, both

implemented by the electronic control unit. Oxide-nitride-oxide structures are formed between the substrate and the word lines, wherein the nitride layer provides floating gate storage for the NVM transistors.

1459827316-bc36452f-618e-4d0f-ab43-25649ec164d0

An actuator, comprises a housing, a first prime mover for producing rotary motion, a first gearbox arranged to convert in use the rotary motion from the first prime mover into rotary motion having higher torque and lower speed. Each of a plurality of automatic performance data in an order designated by a playlist data stored in a storage device is sequentially reproduced. Motor tensionable cables joining larger joint structures allow for simulating muscular tension affecting the ability to reduce a dislocation of the joint. These peptides can be quantitated if they reside in a modified or an unmodified form. The disclosed systems and methods may be implemented in one exemplary embodiment to allow users to leverage the capability of a variable pressure keyboard by providing an information handling system having individual variable pressure keys that are each capable of outputting a different macro or multi-key sequence per key pressure level sensed. Preferred tertiary-heteroalkylamine compounds are substituted N-phenyl-N-heteroalkyl aminoalcohols.

1459827316-c4e77c58-47fd-4143-bc4e-5b583cb81168

A vehicle seat is provided in which a shock reducing member provides an optimum state both under a usual seating load and in a rear-end collision load, the sinking amount of the passenger's body to the vehicle rear at the time of rear-end collision can be increased, and a shock applied to a passenger at the time of rear-end collision can be reduced effectively, independently from a headrest. In accordance with some embodiments, the memory cell includes first and second resistive memory elements configured to concurrently store complementary programmed resistive states. The controller may control the opening and closing of the optical shutter and discharging of the amplification device so that the amplification device discharges when the pulsed laser light that has passed through the optical shutter passes through the amplification device. A user interface exported by the object representation is initialized.

1459827316-e16f8e86-8b07-4477-9c73-e708d869bf5a

Systems and methods are provided for managing a plurality of applications comprising application instances running on a plurality of computer servers. An optical detection unit converts a downstream high speed and low speed optical signals into electrical signals. The quality of synthesized speech is improved on a basis of one additional odd sub-frame pulse, as more of the second pulse-related information in the enhancement bits is received by a decoder. A grinding blade with a plurality of blade elements is mounted on the central drive shaft below the fan impeller blade and effects additional pulverization of the debris. Further, the operator may manually set the speed ratio via electrical means on the mechanical speed change mechanism. Identification and classification of intuitive hand configurations and motions enables unprecedented integration of typing, resting, pointing, scrolling, 3D manipulation, and handwriting into a versatile, ergonomic computer input device.

1459827317-624d0292-927b-4810-b8d6-62cb00668cc6

A long stator motor, particularly for driving a magnetic levitation transport system, includes a stator iron, inside of which grooves for accommodating cable windings are provided. The turbine can be a vertical axis wind turbine configured to generate power from wind energy. The raised-ridge microstructured contact pattern preferably comprises ridges which meet at joining points, wherein no more than three ridges meet at any one joining point.

1459827317-aacbe125-ca8e-4bf2-8715-203fe41aa11e

A transmissive fly's eye integrator is disclosed that includes a first array of lenses and a second array of lenses. Each mission may include one or more tasks to



be performed by one or more of the plurality of sensors. Streamed application file page requests are broadcast to other clients using a multicast packet.

1459827317-e026d59c-5a33-4cb5-807a-7bcb5fd7a757

X type MEMS gyroscope has a first mass vertically vibrating on a substrate and a second mass horizontally vibrating on the substrate. Each plate has alternating coolant channels and lands formed on an inside facing surface. An optical tool assembly is in opposed relation to the non-optical tool assembly and together therewith forms a mold cavity for forming the ophthalmic lens mold section. On the other hand, a console unit accesses the mail server and reads the status mail in a proper time period to the console unit. Contents of the first element are copied into the second element obtained from the first group.

1459827318-0d209425-40c5-4ac4-8339-4655add96015

Analytical reagents and mass spectrometry-based methods using these reagents for the rapid, and quantitative analysis of proteins or protein function in mixtures of proteins. The heat sink protecting retention module has a main frame, protective feet, hooks, and a positioning mechanism. The detection surface agitating member includes an elastic sheet elastically deformable to scrape away the developer accumulated on the detection surface and disposed at a substantially same angle to an axial direction of the shaft of the screw as the spiral screw blade.

1459827318-370f0771-ffec-4268-ae23-eb9d9e3ae4a3

A differential termination and attenuator network having an internal common mode termination voltage generator includes first and second termination resistors coupled in parallel with corresponding resistive attenuator circuits. The fossil fuel may be coal, which is contacted with an aqueous electrolyte medium used in the systems. Unlike silicon oxide, the first structure layer 22 has internal stress in the tensile direction, and can thus prevent the occurrence of bending. Further, the number of inline cache initializations performed via a compiler, such as baseline JIT compiler, can be reduced to improve processing performance.

1459827318-4e5d81ec-2c83-4ecf-861d-c0016a56ca28

A system is provided for transmitting signals. The cylindrical part extends over substantially a half circumference of an equatorial edge of the hemispherical part and is defined by a plane inclined on the equatorial plane. The inventive brake assemblies enable the worker supported on the platform to selectively activate and deactivate the respective brake assemblies from the platform. The reader system also includes a fluorescence detector that is configured to detect fluorescent signals from the substrates and code pickup optics that are configured to project the output signals from the optically readable codes onto a Fourier plane.

1459827318-5d4f3d47-d73c-449c-a03b-5553d24cc8ec

The present invention relates to rhesus monkey DNA molecules encoding the melanocortin-5 receptor protein, recombinant vectors comprising DNA molecules encoding rhesus MC-5R, recombinant host cells which contain a recombinant vectors encoding rhesus MC-5R, the rhesus MC-5R protein encoded by the DNA molecule, and methods of identifying selective agonists and antagonists of rhesus MC-5R. The sources of electromagnetic energy may comprise semiconductors emitting at different bands of wavelengths, wherein each band comprises a different color. Finally, the data processing apparatus displays, on its window, both of the above-described information in a manner of being organized and arranged side by side. The resource device receives an access token request that includes the symmetric key, verifiable authentication data, and the redirection URI. Additionally, a collection channel is provided for collecting water entering into the dwelling from the exterior.

1459827319-309f5a2e-246e-4dd6-9a20-67c3bfe92b1b

Herein described is a method and system for providing shared access to data residing within non-data pool related file systems. An embodiment of the invention

entails receiving a request to read a binary value stored in the memory cell. Such an implant may be a rod for a posterior spinal fusion system. With this arrangement, the weight and the cost of parts can be reduced while securing the strength thereof and realizing a belt folding-back function, and further a degree of design freedom of the layout can be improved. The method for converting between data in hexadecimal form and data in quads includes providing data in hexadecimal form, reorganizing the data provided in hexadecimal form, storing the reorganized data in several memories, and reading several of the memory locations, which contain all of the elements of the quad, in one clock cycle.

1459827319-95cf0d46-b6ef-43b3-bdfd-3cf53cd28081

A clock generator generates multiple clock signals based on an input signal and adjusts the phases of the clock signals relative to a phase of the input signal, based on a control signal. Method further includes partially deflating the expandable member to an intermediate pressure, and drying the therapeutic agent on the expandable member, and, if a folded expandable member is used, at least partially refolding the expandable member. The delay circuit also includes a controlled delay circuit for generating one or more delayed periodic signals. There is no necessity to wash or filter the product. The points of inflection at one end of at least one of the rings are staggered in their location along the longitudinal axis whereby, with axial withdrawal of a surrounding sheath at a stenting site, to deploy the self-expanding stent, the individual points of inflection at said one ring end escape from the sheath sequentially, with continued withdrawal of the sheath, rather than simultaneously. 3, the weft material is put in weft knit processing such as plain stitch, rib stitch, pearl stitch, welt stitch, half cardigan, full cardigan, plating stitch and inter-lock stitch, and Brinell hardness of said hard metal wire is 90-240 and Brinell hardness of said soft metal is 40-55.

1459827319-cbefebe3-b4b4-4c1c-b046-343a7ee24915

A disc drive including a rotatable data track, a dual-stage actuator with a primary actuator motor supporting an actuator arm, a readwrite head supported by the actuator arm and communicating with a secondary actuator motor, and steps for controlling range of motion of the secondary actuator motor. An exemplary ROM array includes a plurality of columns, a plurality of rows, a first plurality of transistors or other switches representing a \u201c0\u201d data state or low voltage state, and a second plurality of transistors or other switches representing a \u201c1\u201d data state or high voltage state. The assembly is particularly designed for use in deep water. The front portion is hourglass shaped and has a narrowing. The cradle comprises a plurality of cavities, each of the plurality of cavities being adapted to releasably mount one or more electronic devices therein.

1459827320-2467f146-12ac-49b2-9068-1f3801c905a3

Two magnets in a circumferential direction of a rotor are provided in each slot of the rotor. The pedal system also includes a pedal, which can be fastened to the bicycle, can rotate about an axis, and which has a seat for accommodating the detent element. The system includes an object order form handler, an object order handler, a view objects handler, a reseller form handler, a reseller handler, a reseller permission handler, an add object handler and a server database. If the CID gas pressure inside the collision cell is high, a decrease in ion speed becomes remarkable, and the rising of the ion intensity becomes slow. Once the force is removed on the spring, the spring returns to its original position close to the body of the shaft.

1459827320-64d3e7c2-9afc-49da-866e-b0ad131730f5

A secure flexible plugin architecture allows plugins to dynamically interconnect in highly flexible arrangements to permit the handling of many kinds of file formats. Corresponding program code and apparatus is also envisaged. The outer structure includes front and rear panels that are coupled to each of a first side panel and a second side panel via at least one corner panel. This gap may be adjusted by

employing spacers.

1459827320-dbfd29e0-57db-4bc6-90a0-94ca95570528

The invention relates to a variable speed drive connected upstream to an electric power grid and downstream to an electric motor, the variable speed drive comprising notably a main casing comprising a base and a main closure cover closing on the base, a rectifier module, an inverter module, these modules being inserted inside the casing, and one or more bus capacitors. The two elongated pivotally mounted members include cutting assemblies ends that cooperate to come towards each other in a substantially parallel fashion. The second order prediction may involve a process similar to conventional intra-prediction, but is performed on the residual video blocks. The capacitive network is coupled to a differential input of a fully differential amplifier, and maintained at a differential output of the differential amplifier during a second output time interval. Given a preference model, information extraction actions can be taken with the highest expected utility.

1459827321-270bcd9b-ff5c-4d48-8a61-0d8a2987f538

A shift register includes a plurality of pulse generation portions for generating a series of pulse signals in response to a level change of inputted clock signals, and a plurality of shift pulse generation units. In this method, a menu item is added to a context sensitive menu of a graphical user interface at the request of a subsystem module. The steering axis is rotatable about the tilt axis and a horizontal plane in which the central axis is disposed remains above a horizontal plane in which the tilt axis is disposed. The segments are disassembled for portage. A tracking bandpass filter 136 further bandpasses and up-converts the second analog signal 148 to output a transmittable signal 150 having a tracking-filtered selected analog signal representation 196.

1459827321-5ac9cca0-8bba-4b30-b691-9e685a71e568

A rechargeable battery has a battery cell at least partially enclosed by a casing. The method comprises the steps of determining an average bit rate of the video stream over a period of time, and detecting a change of the average bit rate indicating the boundary of the content item. A deformable member may be attached to an end of the set screw and provides for the set screw to more fully engage the elongated member to prevent potential damage to the elongated member and prevent the set screw from backing out of the fastener.

1459827321-73ae60b0-62b7-4f37-a532-dde0fd2eb62d

A method for manufacturing a multi-density shoe sole is described, the method incorporates repeated injections of sole material onto a shoe upper mounted on a last and placed in a mold. The present invention is also directed to treating identified patients with dopamine agonist therapy. In addition, caches may be flushed to reduce the soft error rate. This invention also separately provides methods for transmitting environmental conditions information. This results in a gate oxide that is resistant to boron contamination without suffering any loss in its electrical properties.

1459827321-a2c0b923-0d21-4bf8-81c4-bed574d69f77

A generator of repetitive sets of spreading sequences includes an element for counting and for forming an address and a table containing L sets of S sequences. In the multiplexerdemultiplexer, a first grating receives to diffract a multi-wavelength light signal from a first port into light signals with different wavelengths. The technique also includes combining a first measurement signal generated from the first sensor with a second measurement signal generated from the second sensor to determine a sensed parameter. The maximum intensity projection of the 3D data formed by 2D data of non-overlapped slabs and 2D data of the corresponding overlapped slabs is implemented so as to generate a final image.

1459827321-e918b8af-db72-4b0c-8ecf-1df0dc08fd1b

A cord seal for use in an underwater niche including a main seal and a seal cap. A BTS calibration server is networked with the base stations. The card shooter apparatus includes a card housing for containing cards, a card guide unit that guides cards pulled out one by one from the card housing, and one or more black light sensors that read the ultraviolet-ray reaction code from a card guided by the card guide unit. At least one opening is positioned at each side of the horizontal plane. Cross-sections have a first diameter larger than a second diameter.

1459827322-0a2536cd-a6ea-4a31-8c20-075fed7f2985

Sorbents for removal of mercury and other pollutants from gas streams, such as a flue gas stream from coal-fired utility plants, and methods for their manufacture and use are disclosed. The rotor system is used to move the rotary wing vehicle in directional flight. The photoresist composition exhibits high resolution, high sensitivity, excellent film characteristics and improved mechanical properties, which are required for the formation of semiconductor buffer coatings.

1459827322-b2bfcf3b-a2fc-43f2-95dd-8ec83b03f624

Systems and methods for protecting a series capacitor bank are provided. The motor is operable to rotate the blade assembly in order to impart motion to water retained within the water retention structure. The transistor of the semiconductor device includes: a recess with a predetermined depth in a semiconductor substrate; a first gate electrode disposed within the recess; and a second gate electrode disposed on the first gate electrode into which ions of one or more of nitrogen, oxygen, arsenic, aluminum, and hydrogen are doped. The main baffle cooperates with the enclosure and the plate assembly to establish a path for the flow of fuel gas through the reformer from the inlet port to the outlet port. In the predictive program operation, bit lines of the selected memory cells are setup according to a logic value of a third latch of the page buffer that corresponds to each of the selected memory cells. The adaptive controller provides a smooth and efficient transition to low load conditions by dropping operation of one or more phases and redirecting modulation pulses to the remaining one or more phases, and reduced phases improve power efficiency for the low load conditions.

1459827322-e54e83e6-3fb8-45a5-9761-73439d690b28

Semiconductor diode lasers are tiny sources of light powered by electricity. The present invention is also directed to an apparatus capable of carrying out such methods and/or systems. When the designated search point similarity exceeds an object detection determination threshold, the detecting detects surrounding search point similarities between a plurality of surrounding search points around the designated search point on the model image and the template. An apparatus is also described containing means for providing a signal to a first signal processing path, tuning to a channel in the signal provided through the first signal processing path, tuning to the channel in the signal through a second signal processing path, and determining that crosstalk exists if the channel is present on the second signal processing path.

1459827322-f8b65cc8-cc97-482b-9e95-818ce6f11a13

A system and method is provided for executing both managed and unmanaged code in a managed environment and managing memory employing a garbage collection system or service. When the distance between the waterborne vessel and the other object exceeds a certain distance, the cable causes the at least one elongated member to be released from the vessel or other object. A first flip-flop has the input signal as a clock input and produces an internal level-sensitive signal and is reset by the output level-sensitive signal. An octet stream protocol layer is defined for the transmission of unstructured octet streams as a certain layer in the first protocol stack and a certain layer in the second protocol stack. by looking up suitable information that has been stored in one or more graphics textures.

1459827323-57ac1a16-e14a-450e-afac-1075a78eca42

The present teachings relate to techniques and equipment to insert documents into either letter envelopes or flat mail envelopes on the same dual mode mailing inserter without the need to do machine setup between letter and flat mail envelope insertion. The implement portion is selectively translatably adjustable and selectively rotatably adjustable relative to the anchoring member. Methods for designing, building, and using such a table are included. The connector circuitry module includes connector-connecting circuitry formed of a first bus bar stack and a flexible printed board, while the fuse circuitry module includes fuse-connecting circuitry formed of a second bus bar stack.

1459827323-9b7efd10-ee18-4930-9729-10aadfdc3560

An operating method for a memory unit is provided, wherein the memory unit includes a well region, a select gate, a first gate, a second gate, an oxide nitride spacer, a first diffusion region, and a second diffusion region. The plurality of semiconductor pillars is horizontally spaced apart by portions of the insulation layer. Also, the steps further include: when the verification result indicates that there is a failed-shift memory cell which was passed previously but is failed presently, setting the voltage of the bit line of the failed shift memory to a mitigation voltage for mitigating the voltage of the next program pulse. A guide carriage is sized to be received with the guide member and moveable therein along the longitudinal axis. The access door includes a shielding board and an extending board. In the above configuration, positive terminals and negative terminals of the secondary battery cells are connected to opposite surfaces of a terminal block to provide a series-parallel connection of these secondary batteries through the terminal block.

1459827323-a8f9910f-3c40-45c0-a7f4-dbcec22de41a

The invention also provides for a bottle opener that includes a finger engaging portion adapted to at least partially surround at least one finger. The bracket comprises a central area and a pair of opposing legs. This invention provides the first entity with the ability to troubleshoot in a live production system without disrupting the users or the system.

1459827324-00b57fd7-1e20-4320-b506-e371666b09a3

A pharmaceutical drug product with at least one drug substance capable of providing immediate release or modified release profiles. The artificial neural network structure is constructed by interconnecting RBF elements relating to each other among all RBF elements via a weight. Analog and digital pixels enable mixed-mode output. The pumping module and the other optical components are provided to counteract thermal lensing effects, induced thermal birefringence effects and to achieve enhanced amplification and efficiencies. The host then retrieves the results of the atomic operation from the hub.

1459827324-23363397-8694-4839-8d06-3413709dcb0f

A method for controlling connections from an IP entity to a server. The motor-generator comprises a rotor having a rotor body rotatably disposed about the shaft and having an outer region. The data manipulation device is arranged to carry out the conversion by applying a pseudo-inverted form of a point-spread function matrix to a column vector representing the requested pattern.

1459827324-611eeca6-2407-4b00-b2ae-d4b1a74b9697

A cosmetic, dermatological or pharmaceutical preparation comprising from 10% to 99% by weight of one or more lipids, from 1% to 90% by weight of one or more waxes and at least 20% by volume of one or more gases. The riser assembly includes an adapter having a mounting structure at one end for connection to a manifold and having an opening at an opposite end. After the game, input timings at which buttons are operated during the game are collected and then evaluated so as to determine an absolute and relative timing coincidence in a predetermined period. In one embodiment, the present invention is comprised of an encasing structure having an

opening and configured to receive and have disposed therewithin the handheld computer system.

1459827324-bbdc367c-0d3e-4738-92b0-5730d3f6c33d

A III-nitride power switch that includes a III-nitride heterojunction, field dielectric bodies disposed over the heterojunction, and either gate conductive bodies that do not overlap the top surface of the field dielectric bodies or power contacts that do not overlap field dielectric bodies or both. In an exemplary embodiment, the method includes comparing an effective load mass of the vehicle to a baseline load mass. The invention further relates to genetic complements of plants of variety CH327446. The first passage facilitates fluid communication to a first port in the advance or retard chamber and a second passage to a second port in the other advance or retard chambers. Additionally, the block can assist in conveniently connecting/disconnecting the connector to/from a mating connector. The hole has a vertical angle of 72 to 80 degrees or 100 to 160 degrees.

1459827324-c1bf39cb-fb4d-4be0-9551-fa796cdd5792

A latch plate slides along a slide plate attached to the body of a refuse container. Each weighting value is stored as an alpha value in the alpha channel for the corresponding texel in the texture map. Thus, it can implement a local loop of TDM voice, reduce IP loop of RTP streams and efficiently reduces network resources such as steps for digital signal processing, echo elimination and etc. Converting emulates one or more first peer to peer communication links of the one or more first communication technologies as one or more second peer to peer communication links of the one or more second communication technologies. Another has the unequal lead screw formed into a perpendicular-to-axis cross-sectional shape that changes.

1459827325-081a4aa3-ccfc-4693-9148-13cf4fdaf81b

A fluid inlet and distribution system for a volatile organic removal device includes a cabinet having an upper wall and multiple downcomer assemblies positioned within the cabinet accessible through a cabinet access. The stack comprises a first volume of a temporary material, a second volume of at least one insulating dielectric and a third volume of a first electrically conducting material. The air inflow port is provided at the bottom of the first cyclone and the outflow ports are provided at the lower ends of the second cyclones. Located within the rotor cheek underneath the at least one braking surface is a vibration damping element. under 791 kPa for CO<sub>2</sub>/CH<sub>4</sub> separation.

1459827325-5a183ea9-f97a-4ef3-80c9-7dd2820f34cb

A system and method for implementing a Quality of Service fallback using Resource Reservation Protocol includes initiating a communication session with a QoS precondition between a first domain and a second domain. The strong watermark identifies the content producer and is designed to survive all typical kinds of processing and malicious attacks. 5Ti4015 type crystal structure, as a main component, wherein the piezoelectric ceramic composition has an atomic ratio of 0<math>\leq 22660</math>. The encoded microcarriers may be used, for example, as support materials in chemical and biological assays and syntheses. Since a large coupling ratio between the control gate and the floating gate is available on the field oxide film, memory rewriting requires only a low voltage.

1459827325-8fc447ea-2006-46ef-a3e4-e856ed6c5b8c

Apparatus and methods are disclosed for optimizing the transfer time of files in a peer-to-peer network. The base member includes an insertion opening that is provided on one of a top surface and a bottom surface of the base member to provide access to an interior space within the base member. Such peptides or other molecules may be employed for prophylactic and therapeutic applications in TNF associated diseases. The plurality of training sequences is included in a second field of the preamble. The flexible stent may be configured for intraluminal

coupling to the fenestration of the tubular graft, so that the entire prosthesis may be assembled and anchored into a main lumen and a branch lumen with a minimally invasive procedure. Also, the invention provides compositions comprising at least one lipid modifying agent and an IL-1 $\beta$  modulator.

1459827325-fde7b3b9-f17c-4334-b3db-56216a9fc64d

The present invention uses a silver-silver chloride composition and ink jet technology in the art of digital printing, especially for use in blood glucose sensors. Bennet and Wiesner, using EPR-pairs, showed that  $n$  bits can be encoded by  $n^2$  quantum-bits, from which the original bits can be retrieved. A readout error of a sector number due to a detection error is compensated for by recording address marks AM for attaining byte synchronization of the header field in both of a head portion and tail portion of information recorded in the header field. The mobile device may be enabled to play videos, capture photos, and stream multimedia content. The PMD compensation system then determines a modification of the optical signal based on the differential group delay and the principal states of polarization of the PMD. The invention thus relates to the plants, seeds and tissue cultures of the variety CH998883, and to methods for producing a corn plant produced by crossing a corn plant of variety CH998883 with itself or with another corn plant, such as a plant of another variety.

1459827326-03974107-ce87-41f4-96c4-9d3e9faa4e50

The invention pertains to new materials based on donor carbene intermediates for the improvement of electron injection and electron transport in organic electronic components like organic light-emitting diodes, organic field effect transistors, and components based on organic photovoltaics, in particular organic solar cells. This control apparatus detects tiredness of a driver, and restricts an operation of the electrically driven motor based on the detected tiredness of a driver. AMS comprises a computing device, a biometric reader connected with the computing device, a storage device connected with the computing device, a program module stored on the storage unit, and a communication module connected to the computing device. A non-scan latch is forced to load the logic built-in self-test value from the scannable latch in response to asserting the override control signal.

1459827326-b85f647d-2a9f-49fe-a2f4-29f4a76637a5

A clay-epoxy nanocomposite may be prepared by dispersing a layered clay in an alkoxy epoxy, such as a polypropylene oxide based epoxide before combining the mixture with an aromatic epoxy to improve the nanocomposite's thermal and mechanical properties. Especially partially automated and automated manufacturing processes with constantly decreasing cycle times and higher precision requirements demand modern measuring procedures and devices, monitoring the quality criteria required and controlling manufacturing processes. The register device can be associated with both of the strands or webs. In yet other embodiments, the user device attempts to join every group to test which groups are provisioned for it. The scribe line is disposed within the scribe line region and includes a crack stop trench which is disposed in the matrix and adjacent to the circuit region. The clamp assemblies are moved downwardly along the length of the respective carriages so as to provide for the opened film to progressively bag material positioned thereunder.

1459827326-da9d76e7-c3b8-47e8-bb68-718a7a257651

A steering-heater device 1 capable of temperature control without causing an excess current to flow into a steering wheel Sw is provided. A core precursor is formed having a nose compartment. The wear member includes at least one pin-retainer-receiving opening in one side. The transceiver reads the value from the RFID tag and communicates the value to control circuitry in the light source unit, which tracks use of the light bulb within the light source unit. The tube groove is configured for accommodating the hinge. The computer also performs performance analysis based on the sheet thickness distribution, the post-formation strain

distribution, and the shape of the formed product or of the member, as state amounts of the formed product.

1459827327-396f3f39-5c07-441e-8d5b-94c01982ab73

A pedal assembly for electronically controlling an engine throttle. For a first embodiment, the method accumulates a length of input signal that comprises a plurality of independent signals from independent signal sources. According to the method, metal nanodots can be uniformly disposed in the nanowires, and nanowires having various physical properties can be produced by controlling the size and interval of the nanodots.

1459827327-783afea6-e7a6-431d-adb5-85956714c50d

Methods and devices for encoding and decoding that involve sorting bins according to their respective estimated probabilities to form subsequences, each subsequence having an associated estimated probability. A clip code generated depending on the previously obtained comparison results from exponent part and fraction part compare units, rather than depending on a zero flag according to a result of an addition or a subtraction and a sign of the result of the addition or the subtraction, can rapidly be generated without the circuit increased in scale. The package includes a semiconductor chip disposed in the recess and a backplane disposed under the membrane portion of the isolating container.

1459827327-c5596d53-1668-4f1e-8307-bf22cde1b442

A fill spout for a drainage device is disclosed which permits the user to supply water directly to a water seal chamber of the drainage device for establishing a water seal therein. The handle, at one end, is interconnected to a tray to be deployed beneath the animal in advance of urination. On the other hand, a P-channel type third MOS transistor and a P-channel type fourth MOS transistor serving as protection transistors are connected in series between a high power supply potential and the output terminal. A subset of current user terminals with representative user terminal environments may be identified. The multiplexer is coupled to selectively communicate the quotient signal from one of the at least two paths to a stage output to select one of the stage delays. The surgical tools are designed to be customizable or highly selectable by patient to increase the speed, accuracy and simplicity of performing total or partial arthroplasty.

1459827328-3cde3f3d-d4be-4cce-9ecb-bae8413cd7ea

An impact absorption panel is adapted for playground use and comprises a panel section and a plurality of projections. A location is detected of a physical touch within the display area. , in a clocksignal distribution apparatus is provided that substantially reduces jitter due to power supply noise.

1459827328-73c90084-83b3-47fb-9d3e-eabf5b645d37

The present invention relates to the field of electrochemical cells and fuel cells, and more specifically to polymer-electrolyte-membrane fuel cells and direct methanol fuel cells. All devices on the bus may monitor the bus, receiving all packets transmitted by other devices and recognizing when they may initiate transmission. A corresponding system for detecting the anomaly in the network flow data is also provided. The stably tethered structures may be administered to subjects for diagnostic and/or therapeutic use, for example for treatment of cancer or autoimmune disease. When the electron reaches apogee, an electric field pulse is applied that ionizes the atom and accelerates the electron away from its parent ion. The membranes are useful in fuel cells or any device which requires hydrogen to be separated from carbon monoxide.

1459827328-b8e9feb4-f5fe-4e54-995a-36422122f393

An image capture device includes a first memory, a second memory and an icon changing unit. As an improvement over prior water-based polymer coating compositions an anionic and/or nonionic surfactant is present in an amount effective



to plasticize the coating formed from the composition. A local server cyclically monitors each host of its subset of hosts at time instants separated by adjustable monitoring periods to acquire host-characterizing data and determine an optimal set of filters. The cover has holes arranged on a circle for passing filled bottles therethrough. The internal clock signals are respectively provided to the application circuits. The mounting device may be obtained by cutting multiple hook preforms into the surface of the base plate while leaving at least one bending edge per hook preform.

1459827329-eecfcc91-bd47-4a95-adee-14e0251560d1

A method, system, and computer program product for processing a stream of tuples are disclosed. The luminance compressing section subjects three color signals to luminance compression according to a luminance in a preceding frame, and outputs compressed color signals. An image is corresponding to the visual information transmitted through the electro-mechanical actuator module. Optical fiber embodiments are also included. The first product intention rule is stored in a database. Each industrial device can have an individualized messaging protocol enabling each industrial device to receive commands and transmit status and measurement data using the individualized messaging protocol for each industrial device.

1459827331-2ef8844f-a9a0-4ad8-a83e-644aa751dc1e

An access point measures a congestion level of a transmission channel representing a collision probability between frames at a channel busy duration and transmits the congestion level to a terminal. The recovery unit is provided for at least the development unit other than the development unit that transfers the developing-agent image first in sequence among the plurality of development units. The mandibular tray carries a mandibular bite pad projecting upwardly toward an opposed maxillary occlusal surface. A \u201ckey\u201d is then set on the machine indicating that the filesregistry entries are installed. Through the use of the method and system of the present invention, significantly more accurate results can be obtained as compared to prior art test methods, and without the implementation, operating, and maintenance costs of comparable test methods.

1459827331-b19e58c4-b05f-4fdb-9d1d-c0bb4a916980

Methods and systems for spatial data encoding and decoding are described. A system using synthetic aperture beam forming detects motion in an image and displays a degree of the motion in various manners, and thus, a user is allowed to actively cope with the motion by adjusting the number of synthetic beams, or the system is allowed to immediately change the number of synthetic beams with reference to data stored in advance. Each building block is associated with source code that defines an action to be taken when the building block is processed. The received signal is generated by a remote transceiver.

1459827331-cbd41698-e1e2-4894-a421-6d6d84b45c15

A method is disclosed to determine an optimal power level to encode information holographically. The position of the filter and perforating gun remains fixed relative to the casing during perforating, fracturing and/or packing, and production of the well. The CDN is shared among the content providers. The digital counter is operable to control the cascaded arrangement of multiplexers so as to output signals from the functional logic blocks based on a counted signal. A service mapping unit determines a service which the service-request-incompatible apparatus can provide, based on the information on the service-provision state and information on the determined service-request-incompatible apparatus.

1459827331-d30c37b3-ba70-42ca-8fee-bc5e92a80ae6

The invention relates to a method and apparatus for control of a charged particle cancer therapy system. The strain of flexural oscillation reaches a maximum and the effects on the phase difference in the longitudinal oscillation mode can be

cancelled out. Then, the at least one welding program is downloaded to the welding-type system. The clamp set has a driven base and a clamp base. The vehicle control apparatus starts the engine earlier when a load of the vehicle is larger than a predetermined set value than when the load is not larger than the predetermined set value.

1459827332-7ab1365c-1da2-4723-a2b3-f4902ef0648e

A multi-port network interface circuit and related control method. A computer interacts with the user to allow the user to specify criteria for event tickets the user wishes to purchase. The common voltage adjustment circuit has a first register, a second register, a first digital-to-analog converter, a second digital-to-analog converter, and a regulator. In addition, robust mode operation is provided for ranging and registering of transmitter devices when entering the communication system. A mounting member may be attached to the adhesive layer and, in some embodiments, the adhesive layer may be treated so that the mounting member is less adherent to the adhesive pads than to other parts of the adhesive layer, easing removal of the adhesive pads with the microelectronic components. The one dimensional array is masked.

1459827332-93ed3cbf-beb9-4aed-b687-103000e68f27

The invention relates to a liquid crystal display device used as a display part of an information equipment and a method of manufacturing the same, and has an object to provide the liquid crystal display device which can obtain excellent display characteristics without raising the manufacture cost and the method of manufacturing the same. The antenna is electrically connected to the circuit board. A member may not view another member's full personal profile if the measure of relatedness between the two is greater than the visibility preference of the other member.

1459827333-2155babb-5e02-4b9b-85f2-e972fef08d98

The present invention provides a low cost animation sequence function for OSDs. The stack is provided with a humidifying device which takes advantage of the atomization of a water stream over a high specific surface metallic material, and with a cooling circuit withdrawing the heat generated therein by thermal exchange on a peripheral region, external to the single cell active area. The memory cell may include a trench in a carrier, a charge trapping layer structure in the trench, the charge trapping layer structure comprising at least two separate charge trapping regions, electrically conductive material at least partially filled in the trench, and sourcedrain regions next to the trench.

1459827333-28a665c8-f9be-43b2-9e04-8445f43fb509

One or more levers are carried by one of the races, each in its respective recess. Dynamic configuration and reconfiguration of a quick page message is provided. In certain embodiments the label stock is electrostatic dissipative. The clinch bolt member includes a threaded shank.

1459827333-461425be-385d-4622-91f0-c22edc0fa559

N,N'-biscyclohexane-1,4-diamine, of formula, is a new compound that is prepared by hydrogenation with Raney nickel catalyst of N,N'-bis-cyclohexane-1,4-diamine, the latter being prepared by reaction between 1,4-cyclohexanediamine and acrylonitrile. At step S391, a C INC OUT discriminates whether or not moveout history information is present. The blade is either rigid or non-rigid and may be supported by a framework. The souvenir can include other customer-related elements, such as stock images, composited images that include the customer or customer-related people or objects, and text and sound.

1459827333-638dccf9-368e-4825-bb12-edbb179d9b39

Systems and methods for providing sensitive and specific alarms indicative of glycemic condition are provided herein. A switching circuit is couple to a feedback

circuit to generate a switching signal for regulating an output of the power converter. The balloon assembly, the collar, and the neck plate are disposed together. The switch is used to switch off a series of white LEDs while switching on a series of red LEDs.

1459827333-92a01aca-52f1-4d95-88e5-c2d20571004d

A modular drive cage assembly for mounting drives, such as, for example, floppy drives, hard drives, CD ROMs, tape drives or optical drives, into a computer case. In many embodiments, a runtime provided by an application platform enables the execution of a non-natively implemented hosted application in which executing instructions in a scripting language within a background page control the downloading and modification of web content to create user interface pages for the hosted application. The first and second contact patterns are substantially electrically identical to permit the package to be either vertically or horizontally mounted to an underlying apparatus. A removable bar abuts the catalyst element. In some embodiments, the method identifies a route for the net based on both the different congestion goals on different layers and between different layer pairs. A value obtained by dividing a radius of curvature of an inner circumference portion of the curvature region by a thickness of the drift region is not less than 5 and not more than 10.

1459827333-f7e49124-a5ce-4210-bfe0-d9caa0df9fb0

A method for examining document of a software product against a list of strings files of an interface of the software product to detect whether the document includes list of strings of the interface is provided. The first casing is disposed against an exterior surface of a sidewall of the basin. Free ends of the wires extend past the elastomeric compound to provide contacts of the connector. A user downloads encrypted content from a content repository. As a result, varied distortion is effectively corrected.

1459827334-06521833-f07e-4833-bbc4-d28db24ca0f5

A hard cover product having an outer liner attached to a pair of sheet members disposed in spaced-apart relation to define a gap. , on a display screen of a display section 40, and test cases that are tentatively determined to be tested in the current round of testing is selected based on various parameters received from the operator. SLA-aware and timeout-conscious and preemptive and replayable lock manager is designed to account for different operational goals and different importance to satisfy various SLAs. In one embodiment, the system removes the security restriction from the resource to allow at least one of: access to the IT account of the user, and operation of the apparatus. The latch is hingedly attached to the heating vessel, and has a locked position and an unlocked position.

1459827334-0c11a6e2-5c18-4525-9b9a-2b993c0448a6

Disclosed are processes and techniques for fabricating semiconductor substrates for the manufacture of semiconductor devices, particularly CMOS devices, that include selectively formed, high quality single crystal or monocrystalline surface regions exhibiting different crystal orientations. A variety of integrated CMOSmicromagnetic components are thereby capable of being formed, including components containing planar inductors and transformers. The actuator structure is arranged such that it is capable of causing the trailing edge section to move or deform relative to the main blade body in response to aerodynamic loads on the blade. The obtaining unit obtains an information regarding number of defective discharge nozzles in the nozzle group based on the detecting pattern.

1459827334-2c0b3af7-34b5-4426-8969-eb70a87b1936

A passenger conveyor handrail includes a sliding fabric layer having a low-friction coating on at least one side of the sliding fabric layer. In one embodiment, the carriage assembly comprises a first actuator arm having a windward side face, a leeward side face, an outer surface and an inner surface, and a second actuator arm

having a windward side face, a leeward side face, a first inner surface opposed to the inner surface of the first actuator arm and a second inner surface positioned on the side opposite to the first inner surface. An extended portion is pulled out from the mounting unit, is bent so as to return to the direction of the mounting unit, and is overlapped with the first flexible circuit board on an outer surface of the first flexible circuit board. The support region can include a guide for limiting the movement of the inner casing in the outer casing.

1459827334-6487641e-df25-4b47-ab55-e1b60a00db45

In a fuel high pressure accumulator for fuel injection devices an intersecting region between a storage chamber and a connection opening of a connection pipe, as well as a region of an outer wall which is opposite to the connecting region are designed to improve pressure strength. According to the method, a polysilazane solution is applied to a dry oxide layer that is painted with a water-soluble, anionic color, and the coating is then hardened at a temperature ranging from 40 to 150°C. Antenna resonating elements may be mounted in the antenna cavities to form cavity antennas.

1459827334-bf183e26-db59-4c5b-8b6f-71b19c88cb95

According to the invention, there is provided seed and plants of the hybrid corn variety designated CH327469. In addition, the tool includes a pair of guide members which are attached to the clamping members of the tool and which provide, when the tool is clamped about the item, a substantially enclosed, smooth-surfaced passageway through which the sheathed cable can be routed to eliminate any contact between the relatively sharp edge and the sheathed cable routed around or past the relatively sharp edge. The DOA components associated with the plurality of client stations are compared with each other and two or more client stations are selected to participate in an uplink collaborative spatial multiplexing transmission session based on dissimilarities of their DOA components. The experiment management unit provides power and data from the orbital vehicle related to the operation of the orbital vehicle and permits an experiment check simulation prior to integration into the launch vehicle. Each administrative query has associated with it a query to be executed on a table of process records that indicate statuses of the processes being monitored, a scope that defines a subset of the process records upon which the query is to be executed, a schedule from which a time of next execution of the administrative query can be computed, and an activity.

1459827335-0e89f90c-c9cf-4fe3-a4ef-f9a83a55c973

An apparatus for testing for the presence of a drug is provided. Various embodiments of the present invention also provide an organization scheme of data, which describes an access bit, an awaken count, and a pointer to the list of waiting threads. , tar mats, in order to improve the efficient production of hydrocarbons from the well.

1459827335-90e1fd17-25fe-4880-a840-e47de7e7cb54

A power tong apparatus for rotating a pipe comprises a tong housing and a ring gear, rotatably mounted in the tong housing. A metal tab extends from the wall adjacent the slot. A connecting wiring pattern for connecting the pair of connecting electrodes is provided between the connecting electrodes.

1459827335-9f5195c5-61bc-486f-a986-7689384150c8

A catheter insertion sheath assembly including a tubular sheath body having a proximal end, a distal end, and a hollow passage extending between the proximal end and the distal end. The generator can be controlled to generate a projected linear scene including a targeted object and arbitrary spectral content that duplicates the spectral content of real targets and backgrounds to facilitate testing of target identification software of a hyperspectral imaging system in view of expected actual field operation of the sensor of the imaging system. The measuring station comprises a magnet system for generating a constant magnetic field of high

homogeneity.

1459827335-9f601eb0-4d65-4b2f-9548-f74a51c380d0

Various apparatus and associated methods involve a light source that provides light at wavelengths that substantially correlate to local maxima in the spectral sensitivity of a diurnal avian. The object of the present invention is to provide a dual-flow screw spindle machine which is easily adaptable to changed process conditions. Lowest member of low temperature part is a counter current shaft exchanger having an input under the level of hot gas output from the highest cyclone of high temperature part. In the opening, there is provided a hood garnish panel that turns over rearward upon deployment of the airbag. When the piezoelectric material suffers a stress, the piezoelectric material will generate a voltage by the deformation. Geometry associated with one logical level may be used as a keep-out region for the same physical layer when generating physical design of a different logical level.

1459827336-46eeb076-09a3-48af-be6b-8c5dd5beeb7a

A layout system for laying out a plurality of contents disposes the plurality of contents in a layout area, moves the plurality of contents in accordance with an overlapping of the disposed plurality of contents, and moves the plurality of contents again in accordance with weight information allocated to the layout area. This creates a pressure gradient and a pneumatic cycle means that facilitates the massaging movement on the limb towards direction of the heart. The method comprises: identifying the LED fixture 1 sending via a communication network a configuration request to a configuration database, receiving configuration data from the configuration database; and configuring the LED driver according to the configuration data. The conductor is over, under, or on both sides of the inductor and used as the other electrode plate of the capacitor. A processor determines a context for the digital message and matches the message context to content of advertisements stored in an advertisement database in order to identify at least one relevant advertisement. A second processing device, which may be, for example, a computer or other station of the wireless network, receives the transmitted information and is able to determine therefrom that the information originates from an emulated access point rather than an actual access point.

1459827336-4e01a220-e194-4ed0-b5ad-16e4d704f262

Embodiments of the present disclosure provide methods and apparatus for configuring additional CPICHS, e. The apparatus comprises: a soft magnetizable sheet, having an outer surface arranged to face the article in use, and an opposing interior surface; and a permanent magnet, shaped such that its magnetic field contains perturbations giving rise to indicia. Sense signal lines are manufactured such that at some point they are in close proximity to a signal trace which is to be monitored. Each co-occurrence pattern is mapped to different subsets of elements of an input signal. The hypothetical recognized component list is displayed with confidence levels at the remote center for selective checking by a human data center operator.

1459827336-687e3fbd-6930-4043-a9b1-56ac542b0d1d

A technique facilitates controlling flow in a wellbore. The form factor card comprises an adapter region for interfacing the card with the host electronic device, an on-card electronic device for performing a task for the host electronic device, an on-card intelligent controller, and an indicator in communication with the on-card intelligent controller to communicate an operational status of the form factor card. The default license information generating unit obtains rights expressions for the operation substances acquired by the secondary processed substance acquiring unit to generate default license information including the rights expressions as an initial value. The method additionally includes writing the ML data in the text format as a text format ML document to a data storage device, and writing the ML data in the parsed binary format as a parsed binary

format ML document to the data storage device.

1459827336-d99cae64-c1d7-4335-bf6e-d75e0e10cbd1

A rolling cone drill bit comprises a bit body and a plurality of rolling cone cutters mounted on the bit body. A front wall reinforcing member for reinforcing the front wall is mounted along an inclined surface of the front wall. One collaborator is an identity service. The alternative material is then delivered electronically to a designated recipient of the mail piece. The camera axis makes an angle of 45 degrees with both light axes and the horizontal.

1459827337-30c8f982-9267-4f38-b056-bb0aa1a97253

A system for providing protection against pirating of software product or products or any other digital information being sent over the Internet, or by physical means, to a computer system. The computer heat dissipating structure comprises a heat sink that is mounted on the principal heat source, and a fan that is mounted at one lateral side of the heat sink. Specifically, each of four electrodes 41a to 41d formed of the metal plate members has an edge surface facing an ion optical axis C and extends along the ion optical axis C.

1459827337-43110baa-b8b5-476c-a00d-7fcf48136b18

A plant growth support medium is described to enhance soil characteristics and provide where required, improved water, or nutrient contents. At least one sacrificial lead wire extends from the anode. In addition, the monolithically integrated optic triplexer may include a thin film filter that is located between the first photodiode and a second photodiode. The item may be stored in an item queue in a database. Next, the corneal tissue bounded by the incision is lifted to mechanically separate the flap from the remainder of the cornea along the interface between layers of lamellae.

1459827337-567f92f8-46d2-4f9c-8421-858ffadac400

An improved oven is aimed at optimizing heat transfer and delivering an optimal cooking efficiency in comparison to conventional high-speed cooking ovens. The plant watering device comprises a dispenser for insertion into a soil surrounding a plant. The first control module electrically coupled to the spindle motor and the OPU controls the spindle motor to be operated in a present mode.

1459827337-eccae17c-123f-4cec-98c1-31af72666ca7

A blade-pitch control system has a swashplate configured for continuous rotation with an associated rotor and mast, and at least one link connects the swashplate to each blade of the rotor. Ceramic particles are encased or embedded in the matrix material for increasing the strength of the semifinished product with respect to torsional loading or transverse loading. The rinsing area contains a hot water intake opening, a steam intake opening, a cleaning agent intake opening, or cold water intake opening, and also a connection opening for the detachable introduction of the portion to be cleaned. A ground layer inside the relay board shields between the soldered parts of the pair wire to transmit output signals and the soldered parts of the pair wire to transmit input signals. The tubes may be joined end to end to produce products of significant length, and are highly suitable in removing even very fine sediment during use in erosion control.

1459827338-3defd980-4b27-48a7-a7f4-c62b9c434f6c

Methods of manufacturing a semiconductor device are provided. Unlike present methods for setting such targets a figure-of-merit quantity such as the frame error rate need not be measured to set the reverse loop transmission power for a wireless unit. The proxy object may be recursive, such that it may contain references to other proxy objects, as well as to column proxy objects, which represent individual columns in the database. A coil spring biases the shuttle upwardly toward the ratchet rod. In addition, the method includes using the difference between the actual end point and the target end point to adjust the charge set points for the

energy storage system.

1459827338-80bf1d82-2219-4087-9e84-c0305274c4c1

A contamination mitigation cap for a hard disk drive actuator pivot assembly is affixed to the rotatable carriage of an actuator assembly and, in conjunction with a bearing hub cap, forms a labyrinth seal for retaining pivot bearing contamination. The present food serving set is comprised of a plurality of individual containers with sealable lids for maintaining food items in a ready-to-eat condition. A protection printing ink is coated on the wax layer. A charge storage layer is formed over the NVM region and the high voltage region of the substrate. In one embodiment, a system and method pertain to collecting color information sensed by image sensor pixels, and estimating color information as to a pixel under consideration that is not collected by the pixel by weighting color information collected by adjacent pixels that are positioned in a direction in which color is shifted due to lateral chromatic aberration. Such wick further includes a booster member having each of a second predetermined length, a second predetermined width and a second predetermined thickness adhered to the strip of wood.

1459827338-a0c5d50b-3c31-431f-9871-24b8b159b841

A system for adjusting page placement on a continuous feed print engine. Each surface conduction electron-emitting element comprises a pair of opposing electrodes disposed on the substrate and a conductive circular pattern disposed between the opposing electrodes and contacting the electrodes. The track is of a design adapted to be secured to a ceiling joist.

1459827338-a935612b-bf99-4b9b-ac82-db8b569e1e94

A laundry machine and a control method thereof are provided in which laundering ability may be improved while also improving efficiency and noisevibration. 0 when the relative viscosity of the polyamide polymer is less than 2. The seal can be injection molded and molded onto the base body in the injection-molding process.

1459827338-d4d07a0c-b1b6-4ff8-9fbb-f769e5314cde

In a camera-assisted presentation system, a microcomputer activates a motion detecting module to detect a motion of an object, based on a variation in luminance of image data representing a material photographed by a photographing module. The probe contains a region that base-pairs with a polynucleotide to form a duplex and a T<sub>m</sub> enhancement domain that increases the stability of the duplex. Once the 3-D model fit is completed the full 4-D shape model is updated. Chaotropic agent may be supplied as a dried reagent adhered to a container. A further module vessel is mounted within the filtrate vessel to form a membrane chamber containing a membrane filtration module.

1459827339-006b07d7-ce17-4d82-83d0-f66b6ddab193

The present invention provides a method of applying ink containing dyes to fabric composed of synthetic and cellulose fibers using an ink-jet system to print the fabric with high color shade depth and brilliancy and ink-jet printed goods obtained by the ink-jet printing method. First, the method includes evaluating each of the plurality of sequences including characters which form each sequence. Process failures for manufacturing an organic light emitting display device may be prevented by the donor substrate, so that the organic light emitting display device may ensure improved performances.

1459827339-0f28c870-7c24-4c58-85ec-75cfb3aaf0fc

A system and method for remote monitoring of vehicle tire pressure include monitors in each tire to transmit signals representative of tire pressure and receive control signals for use in regulating transmission of the tire pressure signals. The integrated circuit and the interposer are comprised of bodies that have substantially similar coefficients of thermal expansion. The mixture is kinetically

sprayed onto a first side of a dielectric material to form a metal matrix composite layer.

1459827339-2f7cad72-35b6-4e50-8df2-f7696c933a9e

An apparatus, A method is disclosed for performing semi-automatic dataset maintenance. The method includes: scanning a knee of a patient with medical imaging equipment to obtain 3D imaging data with such equipment; processing the obtained 3D imaging data in a digital processor to determine two lines tangent to the bottom of the knee condyles in an axial and a coronal plane; and automatically scanning the patient in the defined plane. Each spool half has a central hub with an axial opening, which allows the spool halves to mount onto a drive shaft.

1459827339-83b10199-4f83-4183-9fdd-2eda6160bf0d

In an access network which supports a mobile IP protocol, a mobile station may perform several handovers between access nodes during a long session which may cause inefficient mobile IP routing. Thus, for example, lovastatin is reacted with methoxyethylamine, alpha methylated 2-methylbutyryl side chain of the amide formed, hydrolyzed and lactonized to produce finally simvastatin of high purity. Ceramic grains, preferably silicon carbide, are mixed with powdered metallic binder that may be based on a refractory metal, preferably rhenium. The clasping element comprises an annular clasping body, a first clasping portion axially extending from the clasping body and a second clasping portion extending outwardly and then downwardly from the clasping body. In use, the load bearing pile arrangement can be used to recover heat from the surrounding ground; store heat in the surrounding ground; or, to store coolth, especially in a desert locality.

1459827339-c54d48b9-7892-44ac-a82f-1d6a49134f37

A block of intermediate transfer material for use in a printing apparatus having an intermediate transfer member, said intermediate transfer member being equipped with a heater to heat said intermediate transfer member to a temperature of at least about 40°C. A data broadcasting device generates output attribute data about multimedia data in a data analyzing portion. The substrate table and the pad member are relatively tilted and/or moved in a vertical direction before the substrate table is moved away from under the optical member. The work flow manager is executed utilizing the server computer system. Further, a wave spring can mount on the receiving portion between the nut and the base plate. A feedback loop is between an output of a last active circuit and an input of a first active circuit so that the plurality of active devices function as a non-linear device, such as an inductor.

1459827339-cac03086-8f98-4a71-97d5-3e438d624c7d

The present invention describes a novel process for the preparation of optically active 2--5-methoxytetraline and 2--5-hydroxytetraline compounds based on the optical resolution of mixtures of the enantiomers of 2--5-methoxytetraline and 2--5-hydroxytetraline respectively. A burner and an air shutter can be within the sealed combustion chamber. The smart computing device monitors environmental conditions to distinguish a user impact from an environmental impact.

1459827340-0b43899d-b356-4584-91e0-e8a4e4105ba1

A TFT including a gate, a gate insulation layer, an oxide semiconductor layer, a translucent layer, a source, and a drain. The method involves exposing the individual to combined music, preferably anxiolytic music, and randomly selected voiceover. Each the selection of light reflectors includes openings and surfaces matching the number and orientation of light emitter packages for one of the selection of heat sink trays. The entities located within an image may have a different shape, color, texture, or other definable characteristic, but still belong to the same classification.

1459827340-2f7207f8-cee7-4069-bef3-9fd340bdca37



A method and apparatus for heating and cooling a substrate are provided. Piezoelectric driving devices known so far show a characteristic with which the electric power applied to the motor drops when the load increases. The composition comprises an acrylic acid ester group-containing polymerizable substance, an alicyclic epoxy group-containing cationical polymerizable substance of which is ring-opening polymerized by heat, and a hydroxyl group-containing substance which is reactive with the alicyclic epoxy group-containing cationical polymerizable substance. The support arm may include a plurality of pivot axes with a motor in each of the pivot axes to adjust the viewing angle along the vertical and horizontal planes. In addition, at least one of the vertical stiffness or the horizontal stiffness may be tunable by adjusting a stiffness-related parameter of the damper stack. The tasks that are accepted for processing can be scheduled to timeshare the processing resources available so that the task complete within the time allowed.

1459827340-3a23acde-97aa-45a8-87f0-7086cfbf2209

A piezoelectric electroacoustic transducer includes a piezoelectric diaphragm having a substantially rectangular shape which vibrates in the thickness direction when an alternating current is applied between electrodes of the piezoelectric diaphragm, a housing which stores the piezoelectric diaphragm, and a pair of terminals formed in the housing by insert molding. Virtual connections may be admitted to a virtual path if the cell rate of the requested connection is less than the allowable cell rate statistically determined from the mean number of cell timeslots in the path available for use by high-priority cells. The first and second breakdown voltage holding layers constitutes a breakdown voltage holding region having a thickness in an element portion. Example, moving tile on the terminal will send move tile to move the same tile on the main monitor and all other terminals. The present invention provides a method and apparatus for receiving and transmitting signals via multiple communication channels.

1459827340-7b4b1a0c-8e61-4afb-b307-f79b52af7e8d

Earth-boring rotary drill bits may include a bit body attached to a shank assembly at a joint. According to one embodiment, a plurality of IO requests is received from clients executing as software entities on one of the hosts. The one or more tracks are written to a selected stride of the plurality of strides, based on comparing the number of operations required to destage selected tracks from the selected stride to the number of operations required to defragment the compressed data in the selected stride.

1459827340-a5151766-e44b-4a5e-afe6-c05a509e177c

A process and related structure are disclosed for using photo-definable layers that may be selectively converted to insulative materials in the manufacture of semiconductor devices, including for example dynamic random access memories, synchronous DRAMs, static RAMs, FLASH memories, and other memory devices. The silicon and insulating layers contain either or both of at least one continuous cavity filled with materials such as to constitute a photodetector zone, or at least one continuous cavity filled with materials such as to constitute a light source zone. The content delivery network communicates the non-crucial portions to the plurality of user devices and communicates the crucial portion to the plurality of user devices separately from the non-crucial portions and at each of the plurality of user devices.

1459827340-ec999310-2ed9-4da7-86c2-1add7745ae7f

A blade holder for cutting machines includes a blade head held on a raising and lowering device and having an adjustment mechanism for a circular blade that is held on the blade head. The reception apparatus includes a first wireless communication interface and a first processor. According to said invention the immunogene P36 LACK is used in combination with a leishmania infantum thiol-

specific antioxidant protein gene, leishmania infantum kinetoplastid membrane protein 11 and with a leishmania infantum GP63 antigen for producing an immune response.

1459827341-0496dffa-47ff-4808-a7c3-64551ba7a0c7

A bump is formed on a bonding pad provided on a substrate. The method comprises positioning a first fluid conduit substantially in contact with the other fluid conduits or elements wherein a bond region is created. A compensation circuit provides a measure of the IM2 distortion current independent of the radio frequency pathway to generate an IM2 calibration current. Next, the coextruded multi-layer film is cooled.

1459827341-1a53a6ff-223f-428f-a652-2e023357cd04

A tablet filling device to convey a vial to a tablet cassette for receiving tablets easily and reliably. The plurality of lens optical system rows is arranged in a second direction perpendicular to the first direction and to an optical axis direction. The protector comprises a gutter-shaped member 7 for housing the hollow needle 2, the holding cylinder 3 and the coalesced wing pieces 4, 4, and a gripper 8 protruded outward from a bottom surface of the gutter-shaped member 7. The rear lens group includes, in order from the object side, a lens subgroup which is movable normal to the optical axis of the imaging lens for vibration control, and a lens subgroup for macro-imaging adjustment and tracking adjustment, which is movable along the optical axis. The distal end of the handle portion is coupled to the head portion.

1459827341-f0881862-d5c7-42d9-8bb1-11b564dc7250

A loader assembly is provided having a left boom arm and a right boom arm. A detector module detects a power indicative of a power of the amplified signal. The liquid developer has superior fixing characteristics and is capable of forming an image at a high speed. Then, starting the blade server from a pre-boot execution environment.

1459827342-75603a7a-2a2d-4d59-a1dc-45c556d4dee5

Apparatus and methods for mounting an optical element to a mounting plate in an optical system. RAMs are provided which store data inputted thereto respectively, and the data outputted from the RAMs are alternately processed. The shield has datum features which abut complementary datum features on the shield retention stage when the shield is held in the shield retention stage. Further, the invention provides a method for preparing the compound, use of the compound as an ophthalmic monomer, a polymer having repeating units derived from the aforesaid compound and an ophthalmic device composed of the polymer. The profile generator then generates a print predicting profile for desired target densities based on the corrected corrective standard spectral reflectances and the spectral reflectance differences, and highly accurately predicts the colors of a print using the print predicting profile when the densities of desired ones of the colors are changed.

1459827342-98af1752-16d3-4921-992d-a2ade97d2492

Disclosed herein is a composite material for use as an anode for Li-ion batteries and its preparation method and use. After having sent the measurement report over a predetermined period of time, the user equipment is then configured to analyze the mobility information. The invention is also directed to pharmaceutical compositions comprising such compounds; methods of using such compounds; and a process and intermediates for preparing such compounds. To do this, an area separation processing unit separates image data into areas. Tasks having breakpoints belonging to the specified barrier synchronization point are sequentially stopped at the respective breakpoints.

1459827343-0aa7cfa6-8804-4720-aa05-3221eace07aa

A meter enabled for wireless communication and a wireless communication network are

disclosed. In response to the request, within the document a non-textual document element unrecognizable to the mobile device is identified. The barcode post-processing system during performs various functions.

1459827343-38c0c60d-6905-4daa-b20f-247a39c55fe7

Variable display lighting intensity of an information handling system, such as notebook computer, is used to achieve image lighting uniformity for document scanning with a camera that is integrated or otherwise attached or built-in to a display of the information handling system. While using the first light sensor, it is determined whether the outputs of the first light sensor, over time, are indicating movement of the navigation device with respect to the surface. The housing assembly is fitted in the exterior shield shell so that the mating connector is connected thereto. If vocoding is required, call control selects the appropriate transcoder and inserts the appropriate transcoder into the bearer traffic stream. A generation by the inventory controller of the inventory of the cartridges as stored within the cartridge storage slot involves the inventory controller simultaneously accessing cartridge identification information on two or more cartridge memories, and generating the inventory including two or more cartridges corresponding to the cartridge identification information. The method further includes generating a plan for orchestrating the shuffling of the data among the all of the memory devices associated with the threads and shuffling the data among all of the memory devices based on the plan.

1459827343-a3bbc5c2-90b2-4684-aa57-5ed083392dd1

An ejector with multi-ejection pins is used in the post-processes of the semiconductor industry and is used by a selection device to choose a predetermined quantity of ejection pins. At least a portion of the ink marking is configured such that it appears generally opaque to a viewer when a light source in the light assembly is not illuminated and does not appear opaque when the light source is illuminated. The vector field is represented by a finite Fourier series with respect to at least one direction, x, y. The second main body is formed on the first main body and partially coats the antenna radiator.

1459827343-dd6523d9-6395-4e98-bac2-9817806fe5ca

A control device for automatic water discharge installed at position where water is discharged in apparatus for automatic water discharge in a kitchen and sanitary environment is provided. A sonification engine converts the data into sound parameters based on configuration data and a sonification and mapping scheme. Moreover, the antenna may wrap-around the aperture such that it directly contacts the main pole. An appropriate response curve from a plurality of response curves for different known print media are selected. Additionally, when the application exits, a device tune state that identifies a content source to which the device was tuned prior to running the application can be retrieved and the device restored to this device tune state. The switching elements may be arranged into logic circuits and latches having differential inputs and/or non-volatile behavior.

1459827344-04113187-901b-4aa9-bf39-2d27705778b2

An inverter for converting a direct current flowing between two input lines into an alternating current flowing between two output lines includes first and second series circuits each including two switches configured to switch at a high frequency and of an inductance connected between the switches, wherein the two inductances are magnetically coupled. An optical field is modulated by an electromagnetic field. The process control system may be configured by configuring entries in the tables. The at least one support arm having a first end dynamically coupled to a fulcrum whereby the support arm is biased towards a first position and moveable towards a second position responsive to a force being applied in use to the upper surface of the platform by the feet of the user. The core member is immersed fully into the liquid mass and pressed in a direction against the mold cavity by a load means to build up pressure in the chocolate mass.

1459827344-18a1145b-20db-41ac-91e1-bad0a40f2aa1

A tube-type vortex reducer for the conduction of cooling air in a compressor of a gas turbine, having radial secondary air tubes arranged in a disk interspace and attached to a compressor disk at their radially outward end sections. The first lens is a glass lens, and the second lens is a plastic aspherical lens. Then, the high-resolution image of the subject is achieved by using the first image information and the second image information.

1459827344-b2591a5c-9e91-4fca-af40-8c12a7f2b433

The present disclosure provides hydrocarbon absorbent granules, comprising granulated particles each including a mixture of hydrophobic non-self associating raw cotton sorbent fibers and a binding agent. The central harness body may include three spaced straps connected to or extending from the central harness body. Subsequent to transmission of the one or more PDUs, the originator station device may receive one or more acknowledgment PDUs. The insulating layer covers the patterned conductive layer and separates the capacitors. Decreases in pH in the electrolyte are compensated by circulating a fraction of other electrolyte or through the positive chamber of an auxiliary cell.

1459827345-8885b017-6495-4dc6-a37b-56155d78408f

A power supply unit for use with thermostats or other like devices requiring power. An outside air suction port is provided in the case member, and first and second openings are opened in the case member at both side ends of the air passage in the vehicle width direction. A communication protocol configures the system for communication and control protocols configure the system as one of a selection of intelligent appliance controllers. A third variant prescribes that the elements of the structures be beads or corrugations, in which cuts lying in the direction of alignment of the beads or corrugations are arranged. The method includes receiving from the programming module a probe response including an indication of a match between the first device public key and a second device public key.

1459827345-a2565fb6-2e9b-4eec-ad00-216644147d50

A system for tasking, collecting, storing, and dispatching time-sensitive location-based information reports via an electronics communication network, comprising a central relational database management system, multiple computer-implemented services, and applications residing on computer-based mobile communication devices. The first amplifier subsection receives a signal to be amplified and the second amplifier subsection receives the signal to be amplified via a first delay line. A depression member actuates the actuator lever and the piezoelectric unit to open the valve mechanism and ignite the fuel gas discharged from the nozzle in response to depression of the depression controller. The semiconductor light emitting element stacks layers of AlGaAs, GaAs, GaAsP, and InGaAs, all on a GaAs substrate. Another method for verifying includes generating a pseudo-random number sequence with the first linear feedback shift register and the second linear feedback shift register using an identical first initial state, and comparing an output of the first linear feedback shift register with an output of the second linear feedback shift register and reporting a miss-compare. The tool is raised and lowered by a lifting device.

1459827345-bcdebd0e-555b-4a84-ac43-3e50bb20ef18

A method generates input text with a pointing device at a distance from a writing surface. Preferred embodiments are illustrated with respect to attribute caching in a computer database system, where the attributes or objects that need to be cached are not individual attributes, but combinations of attributes where including one object affects all combinations in which it exists. The support may include a clutch that facilitates both manual and motorized panning of the electronic display. The resonance-impedance modeling according to principles of the present invention is applicable to vertical, deviated, and horizontal boreholes.

1459827345-d54651d1-6d96-40d0-8c7a-a5fe4f05a7aa

Systems containing imidazoles or blends of imidazoles and amines are described herein. Certain exemplary stators for use in transverse and commutated flux machines may be configured with gaps therebetween, for example in order to counteract tolerance stackup. The computing devices align image frames in order to identify flows of the pixels in the set of image frames. The delta components are included in the denominator of cost function J to provide an optimal solution of the filter coefficients biased by the reflection signal and random noise is removed. When the piston moves toward the inlet air compression chamber, fluidwise, compressed gas in the crankcase causes increased pressure on the displaceable member, compressing the inlet air, and directing compressed inlet air out through a one-way outlet valve. The steel ball in the lower cavity may be pushed backward to separate from the lower side of the scaled rod when a push button located in front of the lower cavity is pushed, so that the scaled rod is allowed to move forward.

1459827346-26e9b4d3-fc82-48eb-8da4-937bc645766b

Persistent annotations are created on a scorecard that combines multi-dimensional as well as fixed value data. An electronic tripping unit initiates the disconnection of the associated contact elements in the event of an overcurrent and/or short-circuit current, and a voltage tap taps off a voltage on the conductor in order to supply power to the tripping unit. In addition, the estimate incorporates the use of table filters when indicated such that table filters are applied prior to determining the size of the tables in the operation, as well as including equivalent columns into the list of columns that are a part of the Group-By operation. The barrier can include an inclined ramp whereby the space between the floor member and the ramp is decreased as an additional animal enters the trap assembly, to push an animal beneath the tilting floor member back into the enclosure. Also, the maximum thread allocation number corresponding to a CPU serviceability ratio in the processes can be designated, and a part of the thread allocation number of the target objects with few thread number used is allotted to the maximum thread allocation number of the target objects with many thread number used. The microstructure has a preferred direction and influences the quality of the reflection action of the layer composite.

1459827346-5e2a01d7-ad51-416f-927e-afcf0974618f

In one embodiment, a liquid crystal display device includes first and second substrates, an active area to display an image, a seal material surrounding the active area, and an intermediate area between the active area and the seal area. The sleeve has a substantially cylindrical outer portion and an internal cavity. The dose setting member interfaces the driver such that the dose setting member can be rotated in one direction without rotating the driver. The system of the invention does not interfere with normal use of the telephone network, so users can interactively access services provided by the system and use the telephone at the same time. Permanent magnets in the driving disc may be rotated with the driving disc in the presence of the third rail to accelerate the upper rails with respects to the lower rails. The behavior profile may be established from a first domain, but transferred anonymously such that it is accessible by other domains.

1459827347-3d1c60be-bebb-46fd-b87f-0a8e69211562

A new class of poly has been prepared using combinatorial polymerization. The connection apparatus includes a connecting element which has a shaft, which passes through through-openings which are aligned with one another in the connection, having an insertion end and having a holding end opposite it. A signal processor generates a velocity signal corresponding to a first velocity component of movement of the object in the measurement volume in the longitudinal direction thereof based on the electronic detector element signals from each of the first detector elements.

1459827347-596bed41-798f-490f-9a5c-8af9c14dd7f2

An arrangement for separating a hydrophobic liquid phase from a gaseous stream includes a coalescer filter, a housing, a gas flow direction arrangement, and a liquid collection arrangement. One avionics device embodiment includes a processor, a memory, and a receiver. A sliding coupler engages the annular channel and extends to an attachment point. The player is allotted one or more numbers for each credit bet. Information of the geometric structure is similarly stored in depth field format at these sample points. A voltage across or a current through a pull-down switching mechanism within the modified buck regulator circuit is sensed when the pull-down switching mechanism is enabled, where the pull-down switching mechanism is coupled to an upstream end of an inductor and is coupled in parallel with a capacitor.

1459827347-71d53245-1817-4d02-94ab-c25c242c2568

A catheter has an entrance opening defined by the first end of a catheter body and non-smooth inner surface. In some embodiments, a waveform that represents data samples is received. The optical imaging system further includes foreoptics, such as a telescope, optically coupled to the integrated dewar assembly and configured to direct and focus light from an entrance pupil of the optical imaging system into an optical beam incident on at least one of the plurality of focal plane array sensors. Later, if available resources are secured, the base station resumes the suspended call. 08 and that  $390 \frac{W_A}{W_B} \frac{TA}{WA}$ , where  $W_A$  is the weight of the positive electrode layer,  $W_B$  is the weight of the negative electrode layer, and  $TA$  is the thickness of the positive electrode in which the positive electrode layer is formed. An adaptive learning unit for adaptively learning a boost characteristic of the active filter on the basis of an input and an output of the waveform equalizer so that error in the waveform equalizer is minimized.

1459827347-7f2b0202-5bb1-4d4f-9aed-ae872d8d72d5

The invention relates to a connector comprising a plug element and a socket element which can be detachably connected to the plug element for connection of a transmission line to at least one sensor. In response, a first and a second image with a detectable trait are identified for displaying on a receiver device. The linearly displaceable transfer member 42 holds the cut portion 18 of sealing material against the open top of the container 12 during induction heating. Once the flowtube reaches a resonant mode of vibration, the digital flowmeter may transition to a positive feedback mode, in which a sensor signal representing a motion of the flowtube is fed back to the flowtube as a drive signal, as part of a feedback loop. The upper and lower sheets are sealed together at their inner perimeters such that the tubes are sealed between said upper and lower sheets at the inner perimeter.

1459827347-dddfa0d5-4af8-4f2b-b0e1-4702c10a0be1

A sleeve comprising a lower portion preferably having a base portion and a skirt portion for packaging a floral grouping or plant. In operation, the threshold value is decrement as the second and third devices are operation in seriatim until the coding endpoint has been reached. The inner portion of the contact pad includes a compliant layer and a conductive layer that is disposed over the compliant layer.

1459827347-f8c15e30-4c6e-4e42-ba42-e66297d6e130

The present disclosure provides compounds and pharmaceutically acceptable salts thereof that are tyrosine kinase inhibitors, in particular BLK, BMX, EGFR, HER2, HER4, ITK, TEC, BTK, and TXK and are therefore useful for the treatment of diseases treatable by inhibition of tyrosine kinases such as cancer and inflammatory diseases such as arthritis, and the like. When passing through the initial guide channel, the strip comprises an underside which faces away from the final guide channel and has an upper side which faces toward the final guide channel. At least one inking roller of an inking group is disposed so as to cooperate directly with the plate cylinder.

1459827348-6f021c96-4d7a-4280-bbd8-95768da82af2

The present invention is a process for performing rigid-to-rigid substrate lamination implementing pressure-sensitive adhesive. The resistance structure includes an insulating dielectric material in which a confined switchable conductive region is formed between the first and second electrode. The first transceiver is coupled to a first communication line, and the second transceiver is coupled to a second communication line. The predetermined frame images are automatically set in accordance with setting rules that are different depending on whether or not there is data concerning a highlight frame whose size is larger than that of other frame images in the layout data. With this arrangement, the dishrack system occupies a full length and width of the tub, while the base portion can be removed without disturbing dishware items resting on the side portion.

1459827348-8df445c9-a680-426b-b8ff-2b26086248b4

The present invention relates to processes for the preparation of a compound of the formula wherein W is nitrogen or  $\text{C}_3\text{R}_3$ ; R1 is halogen, haloalkyl, haloalkoxy,  $\text{R}_4\text{SnC}_4$  or  $\text{SF}_5$ ; R2 is hydrogen or halogen; R3 is halogen; R4 is alkyl or haloalkyl; and n is 0, 1 or 2; and processes for using a compound of the formula in the synthesis of compounds of the formula. The plurality of chimneys are positioned inside the cabinet at different corners of the cabinet. In a TFT array substrate of a liquid crystal device, an inspection TFT is formed in one of dummy pixels disposed at the periphery of a pixel region. As the first conductor pattern and the second conductor pattern carry out inductive operation and the third conductor pattern is capacitive-coupled with these conductor patterns, resonance is made in a band lower than a frequency band prescribed by the length of the lines.

1459827348-caac2816-e599-4c5f-841d-8c081cbbb0ec

A dental appliance for maintaining a separation between the occlusal plane surfaces of the posterior teeth in order to avoid or minimize the adverse effects of bruxism, especially while sleeping. The method includes providing one or more performance objects, each object containing a predetermined set of events. The invention also relates to a headbox having such a mounting arrangement and the mounting arrangement per se in which the vane within and downstream of an inner area of the upstream end portion of the vane is arranged to move freely in the machine direction in relation to said downstream support wall during said period of time. If desired, single reflectance changes may be measured at a particular delay after heating, and the reflectance change at this delay may be used to determine the electrical conductivity. The regulating member 40 is pushed by the fixing belt 5 to move toward one side.

1459827349-1319bffb-c1a4-48e7-bc6e-6c069e4ba36b

A first actuator for controlling positions of all of a plurality of heads within a wide area and a plurality of second actuators for individually controlling the heads within small areas are provided. The shape of the outer end face of the caulked portion is devised to maximize the resistance to the coming-out by the caulked portion. According to this diagnostic apparatus and diagnostic method, an erroneous diagnosis can be prevented so the diagnostic can be performed accurately. The second bus agent has a core which operates at a core operating voltage, the core operating voltage having an amplitude less than the first voltage swing.

1459827349-7753bec2-811f-4ee9-a119-d85012979dee

A sensor in a network to which to route a packet is selected, where the sensor is selected independently of energy status of the sensors included in the network, and the sensor is selected by a source sensor. The method comprises generating a random encryption key each time the computer system is booted and storing the random encryption key in a volatile memory region of the memory controller. It is hereby achieved that the mixing-in of the solid ingredients takes place in the frozen ice-cream mass when this has a temperature between  $-23^\circ\text{C}$ . A method for

manufacturing the integrated impedance matching network comprises the steps of forming an inductor on a die, forming a capacitor on the die, coupling the capacitor to the inductor, coupling the die bottom surface and the capacitor to a conductive plate, and coupling the inductor to another inductor that bridges between the die and another die.

1459827349-9448cd58-8748-45c1-93dd-b817e7388286

Provided is a method for immobilizing a macromolecule to a solid support material using poly, and a device obtained from the method. , a molecular weight distribution is in the range of about 4. A proposed modification to the first arrangement, such as swapping logical volumes of data on one or more storage devices, is produced. The first and second ends of the rigid member are releasably coupled to the steel receptacles of the joistslab and column, respectively.

1459827350-0faa3eda-c19b-4e2a-8a7a-b13fe96b1fe1

A liquid crystal display having high luminance and color renditions is provided. A test beam is launched through the optical medium during the writing process and a particular characteristic is measured and used to generate a corrective apodization refractive index profile that can be incorporated with the grating to improve its characteristics. The processing then continues by producing a second multiplied clock signal from a second set of the plurality of delayed clock signals, where the second multiplied clock signal is delayed from the first multiplied clock signal in accordance with a delay of at least one of the delayed clock signals. Multiple embodiments of the objective lensing arrangement are disclosed, all including at least one small fold mirror and a Mangin mirror. By supplying power to the network communication module in the power-off/sleep state of the notebook computer, the computer can be in the network communication state at any time and thus will not miss any information transmitted over the network. The crown has an inside surface having at least a portion for engaging a wearer's head to maintain the headwear piece operatively situated on a wearers head and an exposed external surface.

1459827350-1009917f-7963-44e2-b98b-a8e84c2ffc75

A continuous, inline, flow rate measurement system for rapidly measuring a flow rate in an analytical instrument having a primary pump that outputs a primary fluid at the flow rate to be measured or verified. Analysis of the third and fourth beams of light is then performed, and this analysis can include using detectors in respective paths of the third and fourth beams of light to generate an arrival time differential and then comparing the differential with a reference previously generated using a nondefective die. The camera is fixed to the second housing. A number of protrusions emanate outwardly from the outer surface of the cartridge plug. Alternatively, the substrate may be a UV-transparent inorganic salt compressed to form a solid body. Alternatively, a groove or similar mechanical aligning configuration may be used in combination with the magnetic configuration.

1459827350-8b26addc-7229-4038-b52f-f4f29bb53fb2

A method for a safety system in a vehicle continuously evaluates data relating to the surroundings from a surroundings sensor system in terms of an imminent collision with an obstacle, and autonomous emergency braking is initiated in the event of an unavoidable collision. Accordingly, the exhaust from the fan portion passes through the duct and is discharged from the exhaust port, with the airflow generated inside the component able to prevent a rise in temperature inside an electronic circuit module such as a personal computer or television game device due to heat generated from the electronic components mounted on an electronic circuit module. This decoder can be memory row-oriented, and thus provide an asynchronously-resettable row decoder with row redundancy, or an asynchronously-resettable column decoder with column redundancy.

1459827350-a05e078e-78bd-4b1e-b854-9551e2954cdd

An apparatus for precoding multi-tone modulated transmissions of a plurality of



communication channels over bundled subscriber lines. In one embodiment, an open portion of a circuit is closed to enable or modify a transmitted signal. The layout of the arrays and image readout circuitry on the integrated circuit may help to reduce the size of the integrated circuit while maximizing the baseline separation between the arrays. The operator response plan prompts the operator to operating the vehicle in a desired manner for the determined future environment. The invention also relates to methods for producing other soybean cultivars, lines, or plant parts derived from soybean cultivar S100315, and to the soybean plants, varieties, and their parts derived from use of those methods. The P-P data and shear mode data were both received at a surface-based receiver configured to measure vertical movement of the Earth to generate the seismic data.

1459827350-aa73fdf8-9a18-450f-a2ed-56a320c46dca

This invention relates to galactosylceramide compounds. Conditioned air is continuously supplied to a plenum at low pressure and is applied to the space when the damper is open and blocked when the damper is closed. Normally, the stroke is spiked only when the compressor is operating at a low load condition.

1459827351-2819ace7-fe6a-4573-9aea-92e447611dbe

The wristwatch includes a case carrying at least one watch movement and at least one display for the current time and for other time related or non-time related information. Related systems and components are also disclosed. In one preferred process, the cocoa mass is the result of grinding cocoa nibs, with absence of a mechanical pressing and heating step, to advantage. Besides this protective function, when the foreign body is pinched by the window glass and a prohibit signal to invalidate the reverse rotation is output, a reversing controller is stopped and the window glass is closed continuously by a bypass switching element. At least one suture channel extends partially through the main body to a predetermined depth.

1459827351-7aeb539a-da6a-49cd-aba6-4c12e61eed2d

Shaped composite structures which are strong, stiff and hard and, at the same time, having high toughness, comprise a matrix, for example a cement or ceramics based matrix and embedded therein a plurality of plate shaped or at least 60 mm thick elongated reinforcement components, the reinforcing component having at least 1. The present invention is also directed toward field emission devices comprising a cathode of the present invention, as well as methods for making these cathodes. The second portion is offset to a zero overlap position with respect to the first portion when the switch is in open position. The invention also solves problems like low rigidity and large accumulation errors of existing serial scanning mechanisms and the effect of the electromagnetic field of the motor within the ion implant chamber on the trajectory of the ion beam. The device-specific code values are configured to produce gray levels that are specific to the imaging device.

1459827351-c98ce9a9-d52a-4f5f-bb10-492e2656028c

A method of making a flexible elongate member includes the steps of providing a core wire having a proximal region and a distal region, attaching an electrical device to the distal region of the core wire, the electrical device being electrically connected to at least one electrical conductor. If a breakage of the wall at the back of the insertion passage is detected, the card processor drives the shutter to block the insertion port. Averaging the output from the steering angle sensor on the time axis in the arithmetic circuit means enables to obtain outputs having smaller step widths than step widths of the outputs from the steering angle sensor, and controlling the deflection angle of the lamp based on the output enables to control the deflection angle of the lamp with the minute step widths.

1459827351-da4ccee-a-b9f6-431d-b385-60fb01877856

A system and method providing variable-frequency IF conversion in a multimode

communication device. The feedback path forms an error compensation loop together with a properly selected forward path. The scanned images of the text are converted in real-time to standard byte or word characters for subsequent display on the computer's viewing screen. The screed determines the thickness of the material on the subgrade as it is manipulated by adjusting the height of the tow point such that the top surface of the material follows a reference surface. Depending upon whether a channel is active or inactive, a wireless router can either passively detect interference and then switch channels to avoid it or actively detect interference and then switch channels to avoid it.

1459827352-4a8592ed-1b73-4899-b8b7-6a70fffd6301d

A lens system is presented having a diffractive optical power region. The microprocessor initially loads the first predetermined value from fuses into the control register. A paper machine clothing of this type can be used especially in through air drying techniques to produce an especially voluminous tissue paper. The latter may comprise water and detergent or a dry-cleaning solvent. Each M arbiters are coupled to the M memory blocks of each sub-memory.

1459827352-e3d4cab6-001d-4eef-9f59-e14d9e601c58

A universal document transport facility is described where, in various embodiments, the facility recognizes document requests based on a received document, interacts with document routing rules and workflow requirements with respect to the received document, and manages content flows between network nodes or devices. The tubular member is impervious to a pre-determined fluid, particularly an occluding fluid, while the outer cover is pervious to the pre-determined fluid. In turn, a heat treatment is performed at a temperature of 70°C. In another embodiment, the shoe portion has a female recess for insertion of a corresponding male extension portion in the fin portion. A base may also be provided for the Christmas tree stand including an elevated surface and a support structure for supporting the elevated surface above the ground level.

1459827353-503c99f7-3248-45f8-ba34-5e755ced5732

The value of a diffusing error for an interest pixel is added to image data of the interest pixel, and is calculated from error data occurred in quantization of pixels adjacent to the interest pixel. An ink to be used in an ink jet recording method of ejecting an ink from a recording head through action of thermal energy is characterized in that the ink comprises a pigment represented by the general formula, a dispersant and a water-soluble organic compound, and the pigment substantially shows neither an exothermic peak nor an endothermic peak in the range 25°C. The method further includes providing a coupling assembly having a thermoplastic sheet with a flexible weld rod of a thermoplastic material attached thereto and circumferentially contacting the coupling assembly with the first and second thermoplastic pipe segments. In one embodiment superoxygenation is conducted in an internal recycle stream of the mixed liquor, with oxygen content supersaturated preferably to over 300 parts per million. The NAPTR records include a plurality of ringback audio uniform resource indicators associated with the destination device.

1459827353-6de960a3-9d6c-4857-b4ce-1fa87aacda73

A method of setting up a pointing device on a portable terminal according to the present invention has a first step for moving a user icon on a display unit of the portable terminal by the pointing device to follow a target icon, and a second step for acquiring parameters associated with the pointing device based on user icon movement information generated by the first step. The epoxy compound is represented by the following Chemical Formula 1. Each segment of plug retainer threads has at least two columns of threads that are progressively stepped outward from said the periphery of said plug retainer.

1459827353-79adf4cb-4187-458a-b62a-c65e5f8305f3

A method is provided for attaching a hollow tubular member to a cast member. Adaptive network throttling may allow a device to communicate information using a shared network link without negatively impacting other devices utilizing the shared link. The device comprises a main unit and a touchscreen unit with a transparent display. In some cases, various location related mapping functions for a device are discussed. light signals and at least partially compensate for variations in detector responsivity as a function of light signal wavelength. For example, in photon energy conversion devices or in chemical energy conversion devices one or more non-electric structures which provide a gradient in dielectric constant are positioned within the cell to alter the direction and/or rate of transport of a photo-generated or chemical reaction-generated species.

1459827353-c02222eb-03fc-4464-844b-736e2188af51

A jack assembly for adjusting the height of a trailer is provided. The external logic unit is configured for receiving an expansion port frame from the expansion port via an expansion bus, generating a new expansion port frame, and outputting the new expansion port frame to the expansion port via the expansion bus. A sub-driving-wheel distribution-torque calculator is configured to calculate a sub-driving-wheel distribution torque in accordance with a rotation speed difference between the main driving wheels and the sub-driving wheels calculated based on an output from the wheel-speed detector. The hinge pin-engaging unit includes a drive pin slidably attached to the main body and a lever arm that is attached to the drive pin at a distal end of the lever arm and is also pivotally attached to the main body by a fulcrum that is attached to the lever arm between the distal end of the lever arm and a proximal end of the lever arm to form a first class lever. The one software product version is edited using the one client and a resulting new software product version is subsequently returned to the database. In a preferred embodiment, the securing mechanism is a detent device.

1459827354-5898471e-2abb-4a4d-ae40-c6fcceb03931

A cleaning tool comprises a scrubber head having an upper arm, a lower arm, and a connecting member coupling the upper and lower arms. A hollow shaft rotatably extends through an axial hole of the base and includes a fork on an end thereof. The processing electrode and/or the feeding electrode is electrically divided into a plurality of parts, and the power source applies a voltage to each of the divided electrode parts and can control voltage and/or electric current independently for each of the divided electrode parts. Extending outward from the center hub are a plurality of arms that each have an arm support structure comprising a plurality of frame members. An answer may be automatically or explicitly linked to a question.

1459827354-718e2d8a-4acb-4cc2-a3f8-0bf7bca26fd4

Provided are techniques which offer an advantage of reduced time and reduced storage capacity required to calculate the feature value of AAC-format song data. One of a savepoint statement, a rollback to savepoint statement, and a release savepoint statement is received. Also, at least a portion of the other one of the primary winding and the secondary winding is wound between said at least two portions obtained by dividing the one of the primary winding and the secondary winding, and at least a portion of the cavity of the bobbin is used as a space to dispose another member therein. A handle is attached to the holder for grasping by the player so as to launch the projectile. The inner annular passage terminates at a second outlet end.

1459827354-971c2dae-12ab-4eed-a6d0-9c46981f03aa

In a method of producing a stretchable sheet using a pair of gear rolls each having a plurality of teeth arranged on a circumference thereof, a raw sheet is drawn by passing the raw sheet through a gap between the pair of gear rolls. A terminal transmits a plurality of code words on a physical uplink shared channel and receives a plurality of acknowledgement/non-acknowledgement signals, which indicates if each of the plurality of code words has been received, on each physical hybrid-

ARQ indicator channel corresponding to the respective code words. The pressure and temperature in the flow regions are maintained at a level which is sufficient to keep the carbon dioxide in a continuous liquid state, but which does not freeze the liquid product. The manufacturers are able to increase profit from making the electronic connector sockets. The entrance portion of the first contact stud has a line width about 30-60% larger than that of the contacting portion. Obeticholic acid is useful for the treatment or prevention of a FXR mediated disease or condition, cardiovascular disease or cholestatic liver disease, and for reducing HDL cholesterol, for lowering triglycerides in a mammal, or for inhibition of fibrosis.

1459827355-2d0e775c-4b85-4c81-bd40-aeff9227d414

In order to make it possible to go to and to find a field device in a process plant in the shortest possible time, there is provided a fixed-position device and a mobile device. The acceleration sensor has a mass portion formed in a center part of a silicon semiconductor substrate, a frame formed at a perimeter portion of the substrate, thin elastic support arms, which are provided at upper part of the mass portion and the frame and connect the mass portion and the frame, and a plurality of pairs of piezoresistors disposed on top surface sides of the elastic support arms. In addition, the wireless drawing command receiving unit transmits drawing command throttle data back to the wireless drawing command transmitting unit to throttle transmission of drawing commands that are sent by the drawing command transmitting unit. An outer surface of the retention rim is at least partly spaced from and adjacent to an inner surface of the holding rim when the retention insert is arranged in the holding shell and when essentially no radial forces are acting on the holding rim and on the retention rim. The storage compartment is dimensioned for holding a box of garbage liners therein.

1459827355-2f3ade8e-9118-424c-874d-b0ba65ed7ea6

The present invention relates to a motor. The memory contains firmware which includes boot code adapted to boot the microcontroller to operate in one of a plurality of dedicated operating modes in response to a mode switch. The concentration of the solution is monitored by measuring the conductivity of the solution. Legs can extend down from some rods to the gutter's far edge to provide support. The epitaxy layer includes an N-type semiconductor layer, a light-emitting layer and a P-type semiconductor layer.

1459827355-34dfdf55-eed2-48ee-bc4e-3550759a4daa

A computer system includes a display interface, a user input device interface, and a processor cooperatively operable with the display interface and the user input device interface. The method includes requesting information about the power capabilities of the accessory by the portable media player. A convex portion or a concave portion is formed on the second face in order to correct a position difference in a transfer pattern occurring when the pattern is transferred to the transfer target substrate. The modulator also has a second transparent substrate, a second transparent electrode formed on the second transparent substrate, and a liquid crystal layer disposed between the dielectric mirror and the second transparent electrode. Further, the visibility and legibility of the e-document is highly enhanced. The conductive adhesive contains a flat conductive member and an organic solvent and is characterized in that through vaporization of the organic solvent in vacuum atmosphere, the flat conductive member has a region standing in the direction of thickness of the conductive adhesive layer.

1459827356-31f0338c-5a7d-4f30-aa51-4f9291680eb5

A III-nitride light emitting diode and method of fabricating the same, wherein at least one surface of a semipolar or nonpolar plane of a III-nitride layer of the LED is textured, thereby forming a textured surface in order to increase light extraction. An ancillary terrestrial network, that may include one or more ancillary terrestrial components, is configured to transmit wireless communications

to, and receive wireless communications from, the radiotelephones over the uplink satellite radiotelephone frequency in a time-division duplex mode. The solvent dispensing and extraction system can include a surface sampling probe. The invention further relates to other derivatives of the cultivar \u2018CL131.

1459827356-593589c6-243a-4c59-bf1d-3542dac6f494

A disclosed bus system includes multiple server agents corresponding one-to-one with server applications; and multiple user agents corresponding one-to-one with user applications. The system includes a programmable logic controller, a temperature measurement diode, an analog-to-digital converter coupled to the diode and the programmable logic controller, a current source coupled to the diode and configured to generate a first current and a second current different from said first current, and a processor coupled to the current source and to the analog-to-digital converter. The fan is externally mounted to the microprocessor and has a control input that receives the variable fan control signal. Under that state, harmonic noise causing a deterioration in detection precision will scarcely appear in the output of a magnetic sensor for detecting the rotating magnetic field of a ring magnet obtained by performing two-pole magnetization on the magnetic ring. Further, the electronic circuit constituting the motor controller may be mounted on the brush holder.

1459827356-722b8e04-3fd5-49a2-8f2e-fd5a878ac537

The present invention relates to the field of Immunology, specifically with the branch of Immuno-Allergy and in particular with the use of adjuvant or carrier compounds, capable of modulating the immune response to allergens. The printing of the shuffled data is performed simultaneously with a printing of the image of the photograph. A digital control loop coupled to the first quiet oscillator and the second noisy oscillator matches frequency of the first quiet oscillator and the second noisy oscillator.

1459827356-80c67fd2-3441-4aca-b418-6e0182689e6e

Described herein are systems and methods for managing video data. A first line-generation sequence creates a first layer of parallel lines of alternating and differing material by using double-stacked mandrels, sidewall image transfer, and novel planarization schemes. The carrier signal from the reader may then be modulated and the modulated signal transmitted from the reader during at least a portion of a response period for the wireless tag. The semiconductor light emitting element preferably has a emission wavelength near 330 nm, and preferably uses BGaN in its light emitting layer. For each trade order, one or more appropriate strategies are automatically selected and presented to the trader to assist the trader in making an informed and timely decision.

1459827356-9fecf271-dbb3-4ede-aa72-8db05dad49d4

An image pickup apparatus capable of highly efficiently realizing optical corrections of various aberrations while reducing the load imposed on a central processing unit. The polarity of the AC power of the inverter circuit is reversed in synchronism with a switching timing of the switching element immediately after the control by the PWM ON-width control circuit to increase the ON-width. The vertical central axis and the vertical axis windmill are supported by the tower frame. A cathode workpiece is positioned in the bath. The membrane consists of a polymer based on a base polymer, other than a vinyl polymer, which includes aromatic rings and also sulfonic acid groups which are bound covalently directly to the aromatic rings of the base polymer, that is, without spacer groups therebetween. The adjustment is carried out with the aid of a piezoelectric actuator to which a trigger signal is applied.

1459827357-cee51faf-63b0-48a2-a8e7-83111615a63c

An electric motorcycle comprises a motor case which is provided at a rear portion of a vehicle body frame; a swing arm which is pivotably coupled at its front end

portion to the rear portion of the vehicle body frame; and a rear suspension coupled to the vehicle body frame and the swing arm. The spatiotemporal locator information represents a spatiotemporal area which is a temporal transition of an object region over a plurality of frames. The controller is configured to determine an impending inoperability of the first thyristor based on the first current and alert a user if the first current indicates the impending inoperability. In a further embodiment, a reference voltage for reading the second plurality of MLCs is set according to the adjust code.

1459827358-17017ff1-b6e7-492e-9b0c-cf4dcfaa5360

The present disclosure relates to methods and systems for using external display devices with a mobile computing device. At least one bridge may extend across an intermediate portion of the trench, and optionally, may divide the trench into sections. The contents of the customization patch can include transforms, cabinet files, and XML content containing customization information. A rotary link is pivotally connected to the head restraint and interconnects the first and second locking plates. By storing the correspondence between the process page directory base address and the identification information of the process, the method and apparatus of the present invention enable the virtual machine monitor to locate and monitor processes executed in the GOS, thus promoting the management granularity on GOS of the virtual machine monitor to a process level.

1459827359-d1697467-4968-4554-ba50-ba73e2e8d6a9

An embodiment of the disclosure can compile source of an interactive application with debug options enabled. The method is one of estimating a time delay between when a software timestamp is generated for an active measurement protocol test packet and when the active measurement protocol test packet is transmitted from the network device onto a link. A voltage regulator and potentiometer may be used as the digital controller and coupled to the input voltage supply of the preamplifier to provide the needed adjustment in voltage. The top flange of the support may be parallel to or at an angle to the surface. Each rebar support of the present invention comprises a plurality of rebar support arms that, in concert with the other components of the foundation or concrete structure, supports one or more pieces of rebar in a desired orientation.

1459827359-d87a3eef-e01f-47c6-b63d-b583c7be2f73

Bandwidth control over users accommodated under ONU in PON is achieved. The apparatus for locating the terminal includes a candidate region determiner, a virtual location determiner, and a final location determiner. The sheath may be disposable to permit reuse of the overtube. The fluid also may be cooled by, for example, either an evaporative or an absorption chiller driven by the heat from the heat source or by a thermoelectric cooler. The cache is updated with the merged data.

1459827360-5fe16504-8995-4c1a-a81e-252f0178fd67

The present invention is a device and method that immobilizes the vertebral bodies by immobilizing the respective spinous process extending therefrom. The Group III-V semiconductor gain layer is formed on the silicon substrate. The apparatus introduces a flow of deer feed into the air flow which is in turn conveyed upwardly into the elevated deer feeder via a second opposing air duct being connected to an elongated flexible hose having an elbow portion at its upper end and retained upon an upper lip of the deer feeder. The second set of radiators faces inwardly toward an inner space of the airship, for illumination by a feed array spaced from the second set of radiators.

1459827360-9e90b1a3-b71c-439e-973c-2b7c326044e0

A system is provided that enables customers to search for event tickets for purchase. The navigation system causes the machine to follow a boundary of the area, storing path information on the path travelled by the machine as the machine

follows the boundary and compares when the machine has returned to a previously visited position in the area. The coils are magnetically coupled so that the magnetic flux is cancelled regarding the in-phase component that transmits the pair of transmission lines, and the magnetic flux is increased regarding an opposite-phase component that transmits the pair of transmission lines. The methods and systems described herein are particularly useful for insurers utilizing non-referral repair shops for servicing vehicles involved in insurance claims.

1459827360-a08b13a5-b849-4997-ad54-f8e2a07ce6c1

An asymmetric field effect transistor that has a threshold voltage that is compatible with current CMOS circuit designs and a low-resistance gate electrode is provided. The varactor diode has a capacitance that is variable in response to an applied voltage, which allows for real time impedance matching, attenuation control, and/or compensation for tolerances of other components. When the first high detection signal is not set and the second high detection signal is set, a second step decrease in at least one of the first gain control signal and the second gain control signal is taken. Moreover, a relationship  $n_1 < n_2$  holds where  $n_2$  is the refractive index of the enclosure portion, and  $n_1$  is the refractive index of the device under test. In said method, the electroconductive core element, such as a copper bar, and the joining agent element are inserted in the jacket element, and at least the juncture area of the elements to be joined is thermally treated, so that there is created a metallurgical joint between the electroconductive core element and the refined-steel jacket element.

1459827361-22738723-0810-4261-b4f2-87cb2d0f805c

A openclose device of washing tank drain comprises an openclose controller having a sliding shaft and a fixed sleeve, a drain plug mechanism with an openclose function mechanism, and a connecting cable between the openclose controller and the openclose function mechanism. A three-dimensional image space combined from two video cameras of the two or more video cameras is displayed to a user using a stereoscopic display. However, the reverse bridge tension configuration loops the tensioned strings on a path that goes around the back of the instrument, through the body of the instrument, and back to the bridge. Electrical paths connect the compliant pins to the contact elements.

1459827361-5a00eaac-a4fc-4e0d-8932-f57e37e40460

A tool holder has a carrier and a boss movable within the carrier. In conventional multi-stage electrical heaters, the resistance value of the individual heating elements scatters. A gain stage is often implemented as a variable gain amplifier, and can introduce significant nonlinearities, a problem exacerbated by signals with a large peak-to-average ratio. The drawer box stop bars are held at right angles to the rail. The accounting system includes a computer-assisted process that nets subscription and redemption orders that occurred over a particular time and records a transfer of securities into or out of the fund based on the net of the subscription and redemption orders. This invention is particularly important for the CO2 refrigerant systems operating in the transcritical cycle.

1459827361-5c25d739-ff9d-4049-b846-a32b9191957e

The present invention relates to molecules having a variant Fc region, wherein said variant Fc region comprises at least one amino acid modification relative to a wild-type Fc region. A filler support layer is added to the hollow side of the cover sheet and hardens. A floating gate oxide is then formed by thermal oxidation and/or oxide deposition techniques. A registered subscriber is able to gain access to the platform and modify the entries as need be. Polymeric leuco colorants are typically comprised of at least two components: at least one leuco chromophore component and at least one polymeric component. The resistive-switching memory elements described herein can switch even when a switching voltage less than the breakdown voltage of the diode is applied in the reverse-bias direction of the diode.

1459827361-9e443738-31a2-4dc0-b68d-156ac464013e

A drive device for a light-emitting panel that is capable of adjusting the anode power source voltage to be applied to anode leads of the light-emitting panel to a suitable voltage value with low power consumption and in a reliable fashion. The invention is characterized by the fact that the signalling contains a predetermined bit pattern that indicates whether control information in the current transmission can be used alone for decoding, or whether some part of the control information from an earlier transmission must also be used. The bin is lined with an impervious sheet of geocloth to form a containment berm for use in controlling the dispersal of hazardous material spilled from storage or work facilities. A first and last word within a selected text region is identified based on at least one active region associated with at least one word within the selected text region.

Embodiments of a hub shell and a hub cover are adapted to house components of a CVT and, in some embodiments, to cooperate with other components of the CVT to support operation and/or functionality of the CVT.

1459827362-4045a803-0899-4e7e-afc8-e0732628bbec

A processing apparatus, optionally integrated into a device having a plurality of sensors including a magnetometer, generates navigational state estimates for the device. In disclosed embodiments, the target is a cell or cellular component of a tissue section and the transfer surface is a film that can be focally altered to adhere the target to the transfer surface. The configuration, for example, the distribution of diffusion particles, the location, the shape or the thickness, of the pattern is configured to reduce the mura or affect the desired uniformity of a lighting area. In the first mode, the adjustable speed drive actuates the motor assembly to apply the first amount of torque to the strap, and in the second mode, the adjustable speed drive actuates the motor assembly to apply the second amount of torque to the strap.

1459827362-797f077b-ccf4-4ae8-a661-f53e5ab503f0

An information processing apparatus according to this invention acquires function restriction information used to restrict the use of functions of an image processing apparatus. The method of the present invention selectively adapts the system's speech engine to a speaker's voice characteristics using an N-best matching technique. The playback unit carries out playback of data at 2x speed from a tape-shaped recording medium, on which has been recorded video data with a field frequency of 59. Each of a plurality of wells in the region where the memory array is formed is formed so as to continue to a corresponding well of an adjacent memory cell in the direction of said columns. The engagement members are insertable into a recess in the implant when in the contracted position and outward biasing of the engagement members firmly secures the implant to the tool.

1459827362-85fcda2c-e033-41d7-80d9-e38c02a5f487

An improved submicron gap thermophotovoltaic structure and method comprising an emitter substrate with a first surface for receiving heat energy and a second surface for emitting infrared radiation across an evacuated submicron gap to a juxtaposed first surface of an infrared radiation-transparent window substrate having a high refractive index. The devices, trays and methods allow multiple use of non-sterile medical devices with sterile medical devices for performing medical procedures requiring sterile conditions. The card is cooled and a second image is captured and digitized. In the general formula, R1 to R4 are each any one of hydrogen, a halogen element, an acyl group, an alkyl group, an alkoxy group, an aryl group, a cyano group, and a heterocyclic group.

1459827362-e3bae494-5944-4c27-93b5-4b1f803bdf77

The described embodiment relates generally to the field of thermal management. The method includes providing a sample tube having a pellet at a bottom of the sample tube and a supernatant liquid above the pellet, visually inspecting the sample tube



to determine one or more geometric properties of the pellet, and determining an expected height of a top surface of the pellet based on the one or more geometric properties determined in the visual inspection step. A soldering device includes a tip member, a heater member, and a thermally conductive wedge that is pushed into a gap between the tip member and the heater member. In one example, the awards assigned to the unselected symbols are gaming device credits, while the converted or replaced awards assigned to selected symbols are multipliers. A recess portion is disposed on the front surface of the bypass passage forming member on a circuit housing portion side of the inflow port so as to extend at a predetermined depth over an entire region in a longitudinal direction of a short side of a rectangular cross section of the bypass passage forming member.

1459827362-f5411a58-c9ce-46c2-9d88-4c5d8b067f32

The transmitterreceiver for a convex probe and linear probe are used to drive a sector probe. The reinforcement device may include a tubular wall including a first end, a second end, a throat disposed between the first end and the second end, and a curved portion disposed between the throat and each of the first end and the second end. The invention further relates to hybrid soybean seeds and plants produced by crossing the cultivar 0053840 with another soybean cultivar. A free passage is arranged for the bark passing over the debarking shaft.

1459827363-4b664b59-d62c-40e9-93a6-f316e8935518

Disclosed herein is a method for producing a part comprising at least one layer of fiber-reinforced composite material. The method includes determining a plurality of parts to be processed, determining one or more types of the plurality of parts to be processed, and determining a quantity of the parts to be processed. The photosensitive areas of the photodetector output signals representing intensities of the light incident there through the second system.

1459827363-6db3c9bb-00a9-4d78-ae8b-d87b0f3b7fa1

The present invention relates to an ornamental design for a monolithic sink and countertop with a backsplash. Because the mode signal is not caused to interrupt halfway along the data inputoutput circuit, but supplied onto the data bus that connects the data amplifier to the data inputoutput circuit, no collision of the read data with the mode signal occurs in the data inputoutput circuit. Software facilities may instruct the peripheral management facility in different ways. A sensor detects a force exerted on the ballizing member by the workpiece at a third position, which is located between the first and second positions. Such servocontrol by a hybrid method makes it possible to perform drive control of the stage having stability of the interferometer and accuracy of the encoder together.

1459827363-aaadd467-7083-44db-830e-83e03405e407

An apparatus for use in conjunction with a metered dose inhaler which includes a novel valve system to aid in the delivery of aerosolized medicament to a subject. A low profile, multi-chambered implantable mechanism is used to collect blood from a blood vessel and re-pump the blood out with an induced pressure emanating from a fluid pressure source. The support member includes: a contact part which contacts the blade; and a pair of attachment parts which are attached to the housing. Compare circuits associated with each memory module are used to compare the data output from each memory cell to an expected value. The server compares this reference to the most recent reference it has logged and notifies the parties of a crossover if the references are not the same. After exposing the said bioaerosols with near infrared wavelength laser, the obtained fluorescence spectra has been shown to be unique and particular for each bioaerosol, thus allowing the characterization of the said particles.

1459827363-dd6cf8bb-6b0d-48e3-a4f1-141eef3a6100

A system and method for updating software in an information handling system are disclosed. The number of taps or \u201cequalizer length\u201d is adjusted based on

an estimate of the Doppler frequency between the devices communicating over a channel. A second resistance communicates with said third transconductance amplifier and said third transconductance amplifier. The joint is formed via a heat-shrink process to provide an interference fit. During the boot process, the mount manager uses the data structure entries identified by the unique volume identifiers of the arriving logical volumes to reconstruct the symbolic links so that references to the redirected name will resolve to the correct non-persistent device name.

1459827364-9488054b-a44a-4ab8-9d85-3e523368a0b9

A decking clamp for use in an underhung roof system. Devices under test are each subject to a body bias voltage. The present inventors have formulated synthetic thrombin derivatives capable of selectively stimulating or inhibiting thrombin receptor occupancy signals. When a user presses the nib against a writing surface the valve plug moves away from a raised valve seat located on the biasing element to allow ink to flow from an ink reservoir to the nib.

1459827364-e2c3b3a8-3230-4ee5-83be-6e7960f9e354

The present invention relates generally to a process for recovering copper and other metal values from metal-containing materials using controlled, super-fine grinding and medium temperature pressure leaching. In particular, in some embodiments the described network devices utilize signaling to modify previously made reservations. The silicon members may be made of monocrystalline silicon, polycrystalline silicon, or virgin polysilicon. The first data, therefore, is recorded in a manner similar to the case of a compact disc.

1459827364-faf1effa-46f3-417e-96b1-c925c5136b4b

In an interconnect system for providing access to a common IO terminal for multiple circuit devices such as drivers, receivers and electrostatic protection devices implemented on an IC, each such device is provided with a separate contact pad within the IC. The central apparatus adds, to the display screen definition data, communication control data where an exception handling procedure for communication between the portable terminal apparatus and the central apparatus is set. Using a control device of the electrical test circuit, the deviation and/or the amplitude and/or the phase of the reference signal and/or of the test signal can be varied. The trajectory may be used to estimate past and future positions of the moving object. Surrogate models should be provided for each of a plurality of pitch angles. A segment of any size up to the maximum segment size is also created and transmitted whenever any time-sensitive information is available for transmission and an acknowledgement message is received by the transmitter.

1459827365-07ae02a0-5076-43dc-9830-9f4b6319019b

An amplifier circuit with favorable linearity is provided. The telephone unit has an ON/OFF button that can be switched between an ON state and an OFF state. Since each node is starting with the same connection information and running the same priority determination, each will end up with the same result and will know where to place and find connections on protection. The exponent adjust and rounding logic is further configured to add the inverted leading zero signal to the first incremented exponent value and the second incremented exponent value, thereby producing an exponent output value, a first incremented exponent output value, and a second incremented exponent output value. A portable terminal detects the marker as depicted in a captured image that has been captured by an image capturing device and displays a screen indicating an effect of performing the image adjustment processing in accordance with a setting corresponding to the marker.

1459827365-31401255-64f3-4902-b1ca-0693b4ce5dd2

The present invention uses wire bonding technology to bond interconnect materials that oxidize easily by using a wire with stable oxidation qualities. The compact drive mechanisms presented herein, for example, have contributed to the advent of

the compact, carry-on bicycles set-forth in the teachings which include drive-and-steering units and drive-and-chassis units. As the minimum lamp voltage detected by the minimum lamp voltage detecting means is larger in a predetermined minimum lamp voltage range, any larger output power characteristic curve is reset from the plurality of output power characteristic curves W1, W2 and W3, and subsequent power control is performed.

1459827365-d853eb1b-5675-4509-9100-24aeba17861a

The invention provides compositions, methods and devices relating to a silaceous oxide that generates a reduced heat of hydration upon contact with blood. The system reads outputs of an oxygen sensor and an ammonia sensor that are installed in downstream of an NSR catalyst when the catalyst is in an activate condition. System-created events, such as recurring, minimum charge summary, and maximum charge summary events, are created by the system based on a schedule defined by a subscription to which a customer has subscribed. Pressure is provided by the static pressure plenum against the precursor web and the forming structure to conform the precursor web to the discrete protruded elements of the forming structure to form the embossed web.

1459827366-8121b303-6d25-41a9-ae52-8bd933330507

A read element includes a magnetoresistive sensor having a side and an upper surface that defines an edge. The float board includes an the inclined surface design on one side of the float board which when placed on a level surface can facilitate foot stretching for a user prior to any aquatic activities. The coil spring connected is configured for creating an elastic force to make the front cover slide relative to the rear cover. In some embodiments, the reinforcing structure extends along the side surfaces of the bladder and between upper and lower surfaces of bladder. Otherwise, the data storage device is normally unmounted so that if the peripheral device were to be removed no harm or damage to data stored therein would occur. When connectivity with a monitoring computer is available, a connection with the monitoring computer may be established, and/or the queued events may be transmitted to the monitoring computer.

1459827366-fdd5fac3-7a90-4513-b877-cdb0c984626d

An interleaved delay line for use in phase locked and delay locked loops is comprised of a first portion providing a variable amount of delay substantially independently of process, temperature and voltage variations while a second portion, in series with the first portion, provides a variable amount of delay that substantially tracks changes in process, temperature, and voltage variations. The fuel cell separator includes a fuel gas flow path containing hydrogen, an oxidant gas flow path containing mainly an oxygen component being supplied from an oxygen/nitrogen separator of a system and participating in electrochemical reactions, and a cooling gas flow path containing a nitrogen component to remove heat produced upon power generation of a fuel cell. A polyvalent metal salt is then added to stabilize the acidified activated silica. Then, a second CMP process time is determined according to the first CMP process time, the first thickness and the post-CMP thickness. The silicone oil effectively blocks the migration of the antifog composition into an adjacent nylon layer when the multilayered film is stored in roll form.

1459827367-725f9db5-0ff9-46ca-b509-b35ef679c42e

In a data processing system, a selection is made, based at least on an access type of a memory access request, between at least a first timing and a second timing of data transmission with respect to completion of error detection processing on a target memory block of the memory access request. According to the present invention, the cardiac rhythm management system includes a fixation helix for securing and stabilizing the lead at a target location in a patient's heart. When so installed, the detection unit is located in an air space adjacent to the chimney or flue.

1459827367-c0b9ae21-64c8-421b-89e0-c177bd579488

Techniques for configuration sensing for a mobile computing device are described. The architecture includes a configurable switching element, integrated optics, and a plurality of modules that allow a \u201ctype\u201d of node to be adapted and configured within the base architecture. The photodiode is an N\u2212 region formed within a P-type region. Next, a second data set, which according to at least one metadata element comprises a data unit of maximum relevance to the initial data unit, is selected for synchronization. The gate electrode layer has an oval peripheral contour around the transistor, the oval peripheral contours of the gate electrode layers of memory cells arranged in a row along a word line forming overlap regions in order to increase the packing density. At least one electrically conductive pathway is provided between the external surface and the at least one electrical conductor for detecting an attempt to drill from the external surface to the at least one electrical conductor.

1459827368-0fed4a38-5e42-4480-9550-62aefefd6488

A coating apparatus is revealed that is designed to coat substrates by means of a physical vacuum deposition process or a chemical vacuum deposition process or a combination thereof. At least two modulation electrodes are provided, at least one of which is disposed in proximity to a readout-electrode in such a manner that, depending on the polarity sign of the modulation voltage of the modulation electrode, the current flowing across the readout electrode is positive or negative. A head, the head being comprised of a second material is attached to the removed end of the shaft. The plurality of lobes allow the golf ball precursor product to be centered within a cover mold without the use of pins for centering. The ancillary information may include additional information relative to the primary information. If no control channel messages are decoded at the first frequency, then the receiving device tunes to about a second frequency.

1459827368-e2471a5f-d9f4-49f1-ac7a-866ceaa738fb

A video codec having a modular structure for encoding/decoding a digitized sequence of video frames in a multi-core system is described. Each of the first and second molding units has a mold core holder, a plurality of mold cores disposed in the mold core holder, and a plurality of fixing elements. Select individual capacitors are energized so as to blow the dielectric layer to establish a connection between the first and second electrodes such that, after blowing the dielectric layer, the second electrode is coupled to a cell plate generator establish a bias connection therebetween.

1459827369-5573098a-254b-4233-9e78-7c95315e52e3

A golf tee insertion depth measurement tool provides a gauge to facilitate marking the shaft of a golf tee to indicate a desired insertion depth that provides an optimum height for a golf ball placed on the tee, which ball is to be struck by a club face having a height H. The invention relates to the seeds of cotton cultivar PM 3535 BGRR, to the plants of cotton PM 3535 BGRR and to methods for producing a cotton plant produced by crossing the cultivar PM 3535 BGRR with itself or another cotton variety. If not, the printing system replaces with missing value with a null value and a database of the printing system updates all other necessary components within the printing system with the updated job ticket.

1459827369-5f35ea42-cfac-45c5-b46c-cf5091350759

An in-vehicle communication system includes: an in-vehicle communication apparatus equipped to a vehicle; a first mobile communication terminal connected in a communicable manner with the in-vehicle communication apparatus; and a second mobile communication terminal connected in a communicable manner with the first mobile communication terminal. A magnifying lens system is incorporated in the engagement space, and a pair of magnifying main units having an ocular tube is engaged in the ocular tube and is removably mounted on a support unit, which is

engaged at the ocular tube and engaged by a fixing mechanism. The system allows a user to identify first and second timestamp values corresponding to first and second times which identify a time interval of interest in the log file. In order to accommodate the lateral mounting of the flat-panel display, metal brackets are used.

1459827369-9ced0b2f-8d0e-4ef8-af8d-dd66586e896e

A spoolable downhole control system includes a length of one or more lines suitable for the downhole environment. Specifically, a network device may include a control unit that simultaneously executes both a first and a second maintenance session. Silicon nanoparticles efficiently produce emissions and act as a gain medium in response to excitation. A corresponding arrangement is disclosed, too. Then, only when the recording sheet has passed through the yellow color photoreceptor drum, the photoreceptor drums for cyan, magenta and yellow abut transfer and conveyance belt at the same time. The multi-cyclone separating apparatus also comprises an outer cyclone body, the upstream cyclone is located inside of the outer cyclone body and the entrance of air inlet passage is located at the outer cyclone body or extend to the outside of the outer cyclone body.

1459827369-f91d1502-12b2-415a-9676-31afc24df531

In a planar-array cell structure, an area required by interconnectors is reduced and a fuel cell is made further compact. The access is configured to maintain the low equipment costs and widespread equipment availability of standards-based communication systems. The output frequency of the ALO is controlled by a control signal superimposed on the single cable that is output by the receiver. By alternating stimulation and recording at gradually increasing levels, one can determine the minimum input that creates a neural response, thereby identifying the threshold stimulation level. The frequency response of the receiver is determined from the first combined frequency response and the second combined frequency response.

1459827370-951fc3b6-d428-4d23-b005-7214a4cce254

The examples described herein relate to methods and apparatus for cleanup prediction and monitoring. A communication session is initiated between a client and a server. The test circuitry then generates test data corresponding to the received signals. The flow of compressed gas flows from the compressor to the second tower, to the second separator, to the first tower and out the outlet when the first set of valves is closed and the second set of valves is opened.

1459827370-ac03ffa7-dce9-431a-ae88-d6c82f053879

Apparatus and related fabrication and operating methods are provided for logic circuits that include ferromagnetic elements. The insulating spacer is coupled to the header body. Furthermore, the thickness of the magnetic disc medium protective layer is set to be between 1 and 10 nm, and the hardness of the magnetic head protective layer is set to be between 1. A bolt, whose dimensions correspond to the size of the cylinder, is located in each extension.

1459827370-d772fa61-363f-476e-94f7-ad11ca8a4274

A foot peg assembly for a motorcycle includes an elongated foot rest that has an outer end and an inner end. The top unit is first unfolded from a first folded position to an attitude angle of 160 to 170 degrees, and swiveled by 180 degrees to be folded onto the bottom unit in a second folded position at an attitude angle of 180 degrees. Behavioral indexing of circuit designs allows a user to maintain an indexed behavior database, track changes in behaviors as the circuit design's executable description evolves, and figure out how the executable description can be reused in different projects. The LED lamp can achieve the focusing function by rotating the lenses assembly to make the lenses with different degrees correspond to the LED chips.

1459827371-02fe3a23-c20a-4a16-8353-9e99a4135e8e

A method of manufacturing an integrated circuit can utilize semiconductor substrate configured in accordance with a trench process. The members define a projecting annular disc that is received in an annular channel that is filled with hydraulic sealing fluid such as oil. Based on the availability of a context that should be available, one or more target actions are automatically executed and/or selectively suspended.

1459827371-52c8c057-c88e-4fc0-93e4-40aafac593f7

The transmission power of a wireless device is adapted in response to a determination that errors within a data message are above a threshold level. The self-adhesive cleaning wipe is placed on the surface of protective gloves worn by dental professionals, thereby providing a conveniently accessible absorbent cleaning surface for mirrors and instruments when they become soiled, wet, or fogged. When the frame is held in a metal mold and the stages are pressed, the interconnecting members are elastically deformed, so that the magnetic sensor chips are bonded onto the stages placed substantially in the same plane and are then wired with the leads. The conductive memory line can then be formed over the mask layer and conductive via. A window in the other connector includes an opening, channel, and/or translucent or semi-translucent material through which the indicator may be seen. The arrangement includes a removing device adapted to detach the milking member from the animal and move the detached milking member to a parking position when the milking process has been completed, and a supervision device adapted to supervise when the milking member has been detached from the animal before the milking process has been completed.

1459827371-52f9c45b-843e-47f8-9977-9ab275e03396

The invention provides, inter alia, models of bone metastasis, methods for identifying agents that modulate skeletal related events and metastasis, methods for modulating skeletal related events and metastases, and methods for detecting skeletal related events and metastases. The bioelectrical resonance response may be identified based on a parameter of oscillation of the one or more bioelectrical signals and indicative of resonance of an area of the brain to one stimulation frequency of the plurality of stimulation frequencies. The LED is disposed between the substrate and the first reflecting element, and the first and second reflecting elements are disposed on two opposite sides of the substrate, respectively. The first coaxial conductor extends between the first coaxial cable-connector and a first end of a resistor, wherein a second end of the resistor is coupled with the first access port. Selected constituent of the waste products are separated from the waste products into a waste stream.

1459827371-a0d239a6-61e5-43d4-bd1a-fef755dab813

A strain balanced active-region design is disclosed for optoelectronic devices such as light-emitting diodes and laser diodes for better device performance. distribution of the content elements can be based upon payment information or content characteristics of the content elements. Certain of the embodiments include the option to provide actuating means for positioning and/or aligning one or more urinal-related components in response to receiving a control signal. The compositions comprise cells of interest producing sialylated glycoproteins. Furthermore, the method allows a user to select the characterization attributes and to visualize the information element vectors. In one embodiment, the firing mechanism comprises a light for exposing the projectile to radiation prior to being fired from the gun.

1459827371-c0372db7-cf9c-4ee8-aeef-08935abf59f1

A no-flow underfill material and process suitable for underfilling a bumped circuit component. The system and method comprise comparing signaling messages with control data to identify one or more service enablers and application servers that are responsive to the signaling message. A RIMM module containing RDRAM devices is

coupled to each processor, each RDRAM containing a plurality of memory banks.

1459827372-664f3545-b3aa-44aa-bc08-6ad1d7921068

This invention relates to thermosetting resin compositions useful for mounting onto a circuit board semiconductor devices, such as CSPs, BGAs, LGAs and the like, each of which having a semiconductor chip, such as LSI, on a carrier substrate. When a first circuit device is connected to a second circuit device with the extended flange extending outward of the first device, the flange can extend beyond the periphery of the first device. The individual chips on the sections are then joined to corresponding antennas to form an RFID inlay stock.

1459827372-92bb0418-99cf-4833-a7a0-bdc687fd5fc7

A method is disclosed to generate and save run time data. At a second gateway connecting the second portion to the relay portion, data frames received over the relay portion are processed to determine if they are corrupted, and signals are sent back to a first gateway to resend any data frames that are corrupted. The receiver circuits are selectively activated from a dormant state in which they are not powered by a power source, to an operational state in which they are powered and able to process the collected pulses. Accordingly, chromatic dispersion compensation and dispersion slope compensation can be realized over a wide signal band. Each arithmetic circuit receives a respective first operand and a respective second operand from the first and second series respectively, when executing the SIMD instruction. After receiving acknowledgement that the deltas in the identified set of deltas have been incorporated into the second instance, the egress map is updated accordingly.

1459827372-96485545-ac95-40d1-9488-4f865c37579a

A method of biasing a nonvolatile memory array. When the vehicle roll rate and lateral acceleration are opposite in polarity, the roll rate vs. Various kinds of encrypted multimedia contents and license information are converted by the proxy managers into multimedia contents and license information having a format executable by the DRM smart clients. The nail exposure portion is provided with an automatic cover to thereby also contrive an installation-type device for removing enamel from a multiplicity of nails and a device for removing enamel from the pedicured nails. The virtual participant processor may send the resulting translation to a teleconference management processor.

1459827372-a070938f-6651-4248-9f3a-5461c07690e4

A two-dimensional circuit for a traveling-wave tube for millimeter and sub-millimeter electromagnetic waves synchronously interacts with an electron beam in a vacuum electronic microwave amplifier or oscillator. Then, a first nitride film is uniformly formed on the gate electrodes, and only the low-density region of the semiconductor device is etched. Metrics utilized in calculating the score for a test script may include those indicating the propensity of the script to result in \u201cfalse failures\u201d and/or those indicating the effectiveness of the script for finding product bugs. Thus, the viscosity of the inks is reduced, so that the inks can be easily cut into ink droplets having a substantially spherical shape.

1459827372-e0d2c5fc-470d-4e0e-8c75-e1b3b572889d

A seating assembly for a vehicle includes a stepped floor that has an upper portion and a lower portion. The pathogen-resistant fabric may optionally include one or more singlet oxygen traps. The material may be scored or cut with a laser so as to produce offset scores or cuts wherein a first cut is made through the first layer, but not past the second layer and a second cut is made through the second layer, but not past the first layer. The alcohol containing stream can be used to produce olefins in an oxygenate to olefin production process. Methods of using the compositions for both diagnostic and therapeutic utilities are provided.

1459827373-26d83313-86b4-4868-8c8e-e35ecb5f74d7

A zirconium-based alloy for the components of the active core of nuclear reactors comprises : niobium, 0. With the use of the function of detecting the position in a region outside the display screen, it becomes possible to provide virtual buttons in this region and detect dust around a light retro-reflector. The branches of the pixel electrodes are alternately disposed. Next, the intermediate holder and the double ended needle assembly are pushed into the first cylindrical part by the first syringe, and the second syringe in the second cylindrical part is unsealed by the other end of the double ended needle. The low-temperature and high-pressure refrigerant is decompressed and expanded by an expansion valve and passes through the cooler to absorb the heat in a room air, and then returns to the low-pressure compressing portion of the compressor. The method determines a set of hypotheses from a first plurality of local maxima of the first correlation and a second plurality of local maxima of the second correlation.

1459827373-3a985b8b-d961-4e84-aa68-24d6ce2276b5

A laser energy delivery system includes a relay imaging system. The first module may output a signal to a second module which may demodulate a second one or more channels of the signal output by the DBS LNB. A local unit of work is established that represents the portion of the transaction received from the initiator region. A control circuit is adapted to determine the end of dosed state based on data from the first, the second and the third sensors.

1459827373-946d49cb-5a55-4fe1-8e56-ba75036b9f3f

A medical device may include a tubular body configured to communicate gas and an inflatable cuff coupled to the tubular body at least by a collar. The additive is a compound represented by below formula :wherein R is defined as herein; n is 2, 3, or 4. A determination is made as to whether or not there is an acknowledgement from the back end storage regarding the receipt of the data associated with the IO request. It is preferred that a plurality of support posts and post clamps according to the invention be used with a molten metal pump wherein the top surface of each support post supports some of the weight of the superstructure. In one embodiment, the compute node may discover the other node using peer-to-peer platform protocols. The sheet post-processing apparatus includes the movable-table rotationally driving portion that rotates the movable table to cause the stapling unit to tilt at a position to drive the staple at the predetermined angle with respect to the sheet-conveying direction, and a tilt retention portion that mechanically holds the movable table to maintain the stapling unit tilted.

1459827374-35b0d6a7-1fc9-4820-852e-75908cd71715

A method for simultaneously sealing and creating a thermal perforation between two thermoplastic layers that comprises providing two thermoplastic layers. Automatic test equipment operates with the internal servo loop circuitry and external servo loop circuitry to test the ADC. Users may instantiate objects designed through CAD/CAM environments or attach haptic or touch attributes to subcomponents such as surfaces or solid sub-objects. The input control may remain visible with the application, for executing a new search for the same or another object type. Users may specify class versionability by specifying a list of explicitly versionable classes, specifying a list of superclasses whose extending classes should be considered to be versionable, and specifying a list of interfaces whose implementing classes should be considered to be versionable.

1459827374-57a3df3e-dc14-47fc-9c20-569ca975adb8

Non-invasive electrical nerve stimulation devices and magnetic stimulation devices are disclosed, along with methods of treating medical disorders using energy that is delivered noninvasively by such devices. To that end, an ink jet print head used has a plurality of nozzle substrates arranged that an overlapping region in which the printable areas of respective nozzle substrates partly overlap is formed. An aspirator tip is coupled to the aspirator body member at an end of the fluid



passageway and having a fluid passageway therein extending from the end of the fluid passageway of the aspirator body member when coupled to the aspirator body member, the aspirator tip being coupled to the first and second optical conductors and comprising an optically transmissive material. In addition, an attachment hook is provided for each point of the retention system extending from the edge trim through which each of the points pass through.

1459827374-60f28cd3-3d38-434f-9b33-618897977a76

The present invention discloses a composition for dermatological infections by the use of a lytic enzyme in a carrier suitable for topical application to dermal tissues. In one embodiment, the sample is heated on one side and the time-temperature characteristic is monitored as the heat travels through the sample and the spot weld. A lead server is selected, which contains a distributed consensus algorithm for selecting a host server, and which utilizes multicasting while executing rounds of the algorithm. A second set of features is selected, the intensity values of which are within a range of correspondingly located surface intensity values defined by upper and lower threshold intensities.

1459827374-65566d31-4fad-4715-95ee-26f2b67e7486

Printable packaging paper for flexible packaging. A single crystal semiconductor plug may be formed in the contact hole and on portions of the interlayer insulating layer adjacent the contact hole opposite the semiconductor substrate, and portions of the interlayer insulating layer opposite the semiconductor substrate may be free of the single crystal semiconductor plug. The system also works to monitor a change in amplitude of swing of the scanner mirror accurately to keep it constant. This transition assembly has a stiffening member within a transition tube, and provides for a flexible transition between the two components of diverse stiffness, namely the proximal cannula and the flexible distal end portion. When a failure to a primary FCoE path is detected, a standby path is promoted to become a new primary FCoE path and subsequent traffic is routed in both directions through the new primary FCoE path.

1459827375-48833ee4-2368-445b-a7aa-7c07c0a4263a

A mobile computing device, such as a mobile phone, serves as a wireless hotspot for other mobile computing devices. Thereafter, a selection of a graphical user interface element associated with one of the attribute in the first subset may be received resulting in a display of a window comprising an alphanumeric input element. The image processing apparatus may include a first calculator and a second calculator. The preferred tinting compositions are aqueous latex emulsions. A user, who has seen the reception list, instructs the POP access section to fetch an e-mail message from a panel control section.

1459827375-7d4ecfcf-0fdf-41c7-a9af-94dd70cde4fa

A fluid-collection pan configured for supporting a unit or system responsible for fluid damage risk to its surroundings. An absorbent filler unit is placed into a chamber of the hairbrush body and absorbent feed rods are mounted into bores inside the hairbrush bristles. The IC includes a variable voltage generator for generating an output voltage having a different voltage level depending on a location of an addressed memory cell within the memory group is provided. Also disclosed herein are processes for using the releasable fastener systems. The branch operand field defines conditions under which a branch is taken. The architecture is further extended to suppress leakage current between adjacent wells biased to differential potentials.

1459827375-821da1e5-f4e3-4bc0-a694-1a4c273408fd

A plastic blow molded pourable product container is constructed to support the combined weight of additional like containers stacked on top of the container, and is also constructed to efficiently use a three dimensional space occupied by a stack of containers and to resist relative movement between adjacent containers

assembled together in a three dimensionally arrayed stack of the containers. Assays for folate, theophylline, and tobramycin are described in detail. A proportion of a total number of data packets is allocated to a number of the tiers of service to allow individual packet data queues on a number of tiers to share a communication resource.

1459827375-fccdaa59-48e8-4fbf-80af-a32d98933ced

A cooling apparatus for arrangement between two surface coils of a gradient coil to dissipate the heat produced when current is supplied to the surface coils by a coolant flowing into the cooling apparatus, is formed as a flexible, mat-type surface structure, and has a coolant-holding space with at least one coolant inflow and at least one coolant outflow. The gene thus isolated shares no sequence homology with the entries deposited in the database and was strongly expressed in skeletal muscles and undifferentiated cells. The invention further relates to genetic complements of plants of variety CH794019.

1459827376-404fc4f8-22a1-439c-8a44-ed5a6cd9e6ac

A gas turbine engine according to an exemplary embodiment of this disclosure, among other possible things includes a fan. The salt of the chemical compound is the Na<sup>+</sup>, K<sup>+</sup>, Mg<sup>2+</sup>, or Ca<sup>2+</sup> salt of said chemical compound. An elongate frame member is fixed to an upper one of the elongate panels in the elongate direction thereof. After start-up, the steady driver and active drive function to maintain a steady operating voltage and current. A heat control device controls the temperature of the output of the preheating element, and a time control device is arranged to energize the preheating element prior to driving the vehicle. Image processing that is tailored for documents is then performed on the captured scene.

1459827376-86559048-4f03-47fd-8e07-6c3ad285754f

Techniques for the secure generation of a set of encryption keys to be used for communication between a wireless terminal and an assisting base station in a dual-connectivity scenario. An attenuation waveform of the single-pulse ultrasonic wave signal received by a receiving section 3 is wavelet transformed by a wavelet transform section 6 to obtain an envelope line A and a phase  $\phi$  of the attenuation waveform. The primer-coated substrate is then coated with a relatively higher gloss coating composition, and the coating compositions are cured, advantageously in a single curing step. The housing can also include a deformable member disposed within the inner lumen and having an opening formed therein for slidably receiving at least a portion of the elongate member such that the elongate member can be angularly oriented relative to a longitudinal axis of the lumen. The method includes receiving second crash reports from the first application version.

1459827377-265d0e1b-1474-4369-b3b2-20728008a7e2

A cartridge includes a printing material supply port which is configured and arranged to be connected to a printing material supply pipe provided in a printing device. A rearward portion of the stator support shaft is positioned rearward of the central engagement portion. The low frequency inductor is being disposed on a dielectric board configured to be coupled to the circuit board. The consumer separately selects and then emulates a variety of lab instruments, such as color and clarity grading, geometric measuring, and light performance and light ray tracing instruments.

1459827377-8b921a56-dc29-46a5-8aac-b0de5303c527

An apparatus and method for determining at least one downhole formation property is disclosed. This sensor detects the metal hose in position by having a coil in position over the plastic connector and at the end of the metal hose when it is in correct position. In one embodiment of the present invention, the transfer device may be rotated around or moved relative to the workpiece on a movable frame. When the first server receives data in response to the second request, it detects whether the received data includes a reference to a nested object. The connector

sleeve includes a first end, a second end, and a passageway extending between the first and second ends.

1459827377-8bcfbd7d-da1f-4575-a600-30945478a16d

A surgical instrument includes a shaft having a proximal end and a distal end with an operating device disposed at the distal end. The computing device includes a processor that is programmed to organize data representative of at least one fault within the power system and to generate a graphical representation of the organized data. A transmitter electrically energizes the transducer launching waves into the suction piping and/or drain system.

1459827377-8cff4b92-626b-49aa-990d-3bafb472ec13

A ball stud has a flange that outwardly projects in a radial direction of a stud portion. In an ON condition of the ECO switch, the stop decision reference value  $W_{stop}$  is set to a value  $W_2$ . The method may further include analyzing the gap to associate a quantity of gap points with each driver to achieve the goal. The serializer includes i) a first serial link configured to output the serial messages according to a first clock domain, and ii) a second serial link configured to output the serial messages according to a second clock domain.

1459827377-9d0b7653-f7d7-44dc-b93d-e2b778a898c3

A dual hydraulic booster assembly for a braking system of a tractor or like vehicle has a logic valve operable in a first mode to control the supply of pressure fluid for braking on one side of the vehicle to facilitate steering, and in a second mode of operation to control the supply of fluid pressure for braking on both sides of the vehicle for full vehicle retardation. A plurality of frames of representative images are extracted from each motion image in accordance with a specified frame extraction method. Different patterns, durations, and/or intensities of haptic feedback may be used in response to different events. A vacuum-off unit, used for releasing vacuum pressure from vacuum chambers of the ejector pump modules, is mounted onto the casing. Therefore, the instant disclosure can increase the bonding force between the carrier member and the annular housing and retard external moisture to permeate through slits between the carrier member and the annular housing to intrude into the chip-mounting region, thus the reliability and the usage life are increased.

1459827377-eb878853-b238-46cd-9ba8-41ea722cdb9b

A voice packet decoder has following operations. A primary lid is disposed over the storage cavity. Furthermore, the light-emitting diode comprises a support member that has a part, other than leads, that contacts the circuit substrate so that it can be positioned on the circuit substrate with stability during the reflow process.

1459827378-2b63748d-0a87-44e5-a7fa-69e693b023d9

Described is a photochromic article that includes a substrate and at least a partial coating of an at least partially cured polymerizable composition of a photochromic amount of at least one photochromic compound, at least one material having at least one carbonate group and at least one hydroxyl group, and at least one monoisocyanate containing material having at least one unsaturated group. The present invention also relates to the methods for preparing these bioactive botanical cosmetic compositions and the uses of these compositions in various cosmetic formulations and as topical skin cosmetic applications.  $K_i$  and  $\omega_{3b1}$  are derived to ensure that a slope of a Nyquist curve is approximately equal to the phase of an open loop system at a given frequency. And the control unit prohibits the recording/reading unit from recording data to the optical disk if it is judged that the account names do not match.

1459827378-6f0d13e1-d8b8-4c9e-9a6a-e0f3e72a9649

Synthetic DNA molecules encoding papillomavirus proteins are provided. A system

controller generates a timing signal for generating a pulse or modulation signal. A plurality of spaced apart parallel ribs are positioned on the base glass layer and between the first and second substrates. Other devices, such as payment terminal devices, can also interact with a payment processing system through the gateway service platform using the same network and protocol.

1459827378-fdbeee52-3ece-4834-a7f8-cf4ab328f8d3

The present invention relates to compounds of formula and processes for preparing such compounds, their use in the treatment of obesity, psychiatric and neurological disorders, to methods for their therapeutic use and to pharmaceutical compositions containing them. In one embodiment, the first wire bond region extends over a passivation layer. The menu of prompts is configured to elicit information indicative of imaging performance of the medical imager and/or equipment relative to imaging preferences of the user. A corrected rotor current signal based on the corrected current ripples and uncorrected current ripples of the rotor current signal of the motor is then generated. The keep-alive packets are sent on a variable basis that is intended to reduce bandwidth consumption while ensuring that the NAT router does not deem the connection idle and terminate the connection. Additionally, the bridge fittings may be stacked to form multiple layers where bridge fittings of one layer may be in fluid communication with bridge fittings of another layer.

1459827379-9069bfa9-1e13-4de1-a11a-4c99eeecbe0a

A solution for the treatment of human feet. The trim arrangement includes a trim panel with inner and outer portions connected by an upper portion that spans therebetween. A modular bin may be partitioned into compartments.

1459827379-c68e7454-8a83-4061-85ed-2785b5442988

A novel compound represented by the formula below which has  $\alpha$ -secretase inhibitory activity, its pharmaceutically acceptable salt or a prodrug thereof. The first protocol circuit, which implements a first communication protocol, and the second protocol circuit, which implements a second communication protocol, are coupled in parallel between the memory array and the operation interface. A transaction manager unit, which is provided to control blockings, transactions and/or users, is used to control the access via the means and via the at least one communication interface to the data of the unit for internal data organisation between the means, the at least one communication interface and the unit for internal data communication. Each of the memory devices receives at least one of the serial streams of bits from the memory controller and converts the serial stream of bits to a set of parallel bits for storage. The primer is generally designed with a continuous molded fuel path to seal any source of hydrocarbon leakage as well as being made from materials that prevent transfer of hydrocarbons to the atmosphere. To effect the attributes of the switching fabric, conditionally nonblocking components are used as building-blocks in an interconnection network which is recursively constructed.

1459827379-ef42d129-d382-4526-a3d1-ba50e0442f8d

A method for automatically creating spine image areas for book covers that were originally created for books without spines includes adding image areas between the front and back cover images to make a single image with the spine being a user-specified solid color or bitmap image. Each node maintains a routing table. An RF input signal is fed into the driver stage which is configured to provide a dynamic DC bias and an RF signal gain to a base terminal of a Bipolar Junction Transistor power device present in the output stage. The plurality of through vias are plated, and lugged with a solder mask.

1459827380-1c23cc9c-f8fe-4db4-8e45-db275339ff5d

A circuit and method for clamping a composite video component signal at the video black level by using horizontal synchronization timing information contained within

the signal and clamping the signal during a time interval in which it is at the desired black level. The particle detector is capable of detecting a particle with high signal-to-noise ratio and resolution, scanning a sample without mechanical motion of the conductive nanolayer and analyzing DNA base sequences. The final opening width is unsusceptible to variations, thus reducing the number of the steps of forming the main magnetic layer. The phase information of other signal components can be acquired by their direction information and other characteristics, such as modulation scheme, etc. The invention also relates to the new compounds of formula V wherein R1 and Ar have the meanings given in the claims.

1459827380-9114386e-6684-4cb8-82af-677569893fcb

One embodiment of the present invention discloses a method and system for implementing concurrent access of multiple bearer protocols in a M2M platform. The array having aberrated elements can be replicated for use in the manufacture of a tool, and the tool can be used in the manufacture of retroreflective products of broader divergence. This allows the voltage across the at least first portion of the digital circuit to be less than the full voltage across the positive and negative terminals. In the access router, based on the message, only one of the first or second network prefix that the MN needs to use is then determined. Each of the cable runs contains a fuse therein.

1459827380-d27ad043-8ce1-4f16-8632-c0957f7eca95

A differential amplifier circuit includes a first differential transistor pair, a second differential transistor pair, an adder section and an amplifying unit. The impeller assembly includes an upper cage forming retention tabs and coupling slots, a lower case forming coupling tabs and notches, and an impeller set rotatably supported between the upper cage and the lower case. A characteristic of the image data in the reference area is determined based on a number of characteristics of the plurality of small sections. The semiconductor device further includes pillar regions through the another sourcedrain contact, the heavily doped sourcedrain layer, and portions of the channel layer to form a vertical cell therebetween. Since boron is a Group IIIA element it does not have any adverse effect.

1459827381-132ad2e1-d244-4cb7-9bc3-475301466250

Order allocation techniques pertaining to stops that a container makes in the process of fulfilling a customer order is disclosed. The VPCN includes a communications server and at least one communications trunk connecting the communications server to a public telephone network. When the pair of collimator members are moved in directions away from each other, a beam passage is formed between them.

1459827381-3209fb92-4540-4af2-bd00-8cc81e4a655b

Systems and methods for enabling wireless devices to discover a number of other proximate wireless devices are disclosed. The synthetic resin is modified by means of high-temperature resistant, polymerizable nanoparticles having a glass transition temperature of the homopolymerizes 150 C. A location server requests mobile subscriber information from a Core Network Node that can be used in determining the Location of the MS. A GCIB step may also be incorporated in the damascene process as a final polish step to clean up surfaces that have been planarized using a CMP step. The second incremental scale pattern may be provided in a scale track which has a dual function and the readhead may be configured to decode the signal to produce an output suitable for the desired function. The upper inner surfaces of the liner are releasably sealed together after filling with product and at least one of the liner upper outer edges adhered to the closure flaps on the carton, whereby when the closure flaps are opened, the inner liner is pulled opened and when the closure flaps are closed, the inner liner is resealed to maintain product freshness.

1459827381-4443bed8-5c7c-4551-a44e-f128ac4f0a78

A controller of a storage device having a user area storing an operating system, the storage device developing the operating system stored in the user area on a host device in accordance with an access from the host device. The execution environment may be an object space. For zooming from the wide-angle end to the telephoto end, the second lens group G2 moves only toward the object side.

1459827381-d981eff0-474e-4a07-bb7d-0e3d87ebbe50

Improved p-cycle restoration techniques using a signaling protocol are disclosed. The reset circuit generates reset signals for the dividers, where the reset signals are delayed relative to one another by a selected number of reference clock cycles, such that the dividers generate output clock signals having a desired phase offset between them. The apparatus also includes a valve controller operable to regulate the flow of fluid in liquid phase at least partially through the valve. The second setting unit sets second parameters relating to a second data rate and a second communication robustness if an instruction signal is received and if the signal degradation degree is higher than the threshold value. The spacing of the irregularities may lie between twelve and fourteen centimeters. The radius of curvature along the narrowest part of the narrower mid-portion of the inner periphery of the guide recess is always larger than the radius of curvature along the end lobe portion of the outer periphery of the guide recess.

1459827382-2c367282-7799-4669-a14e-f3d81dca2e42

A format of data recorded in a DVD-Audio disc is composed of an audio manager and a plurality of audio title sets following the AMG. The virtualized environments share a single instance of the operating system image, a filter engine and a single network stack. At lower concentrations the enzyme requires up to a few days of reacting to reach the full reduction in viscosity. The emitter layer may include a graded portion. A second sorting algorithm may include sorting according to hardware performance measurements. The processor is programmed to receive information outputted from the people counting system and information outputted from the metal detector to determine whether to generate an alarm signal based on the presence of EAS marker shielding.

1459827382-a80ad872-3551-4d18-94a1-8aefb754c49c

A subterranean reservoir where the pore space of media or formation rock is multimodal, and the media may have imbedded multiple scales of fracture networks, is simulated. More particularly, this invention pertains to a novel design of floating wave attenuator which has a curved vertical wave alternating wall section, a bottom vertical motion braking flange, and an air chamber for adjusting buoyancy. The buoyancy adjusting material is sufficient to give the article overall a positive buoyancy so that it will not sink to the seabed, and is distributed unevenly along the length of the article so as to create regions of negative buoyancy. The gradations of the image for the left eye and the image for the right eye are corrected using the gradation correction parameter. The optical signals in each of the arms are then recombined to form the interferometer output, which is the desired optical RZ data signal. The cards each include at least one alignment guide to restrict the motion of adjacent cards relative to one another when cards are stored in the cavity of the receiver.

1459827382-f1d0ccab-952d-4a32-8520-ccaaebf4290e

Improved shaving preparations for the prevention and treatment of pseudofolliculitis barbae and ingrown hair containing glucocorticoid and an antibacterial agent. The base has a plurality of elastic claws and the elastic claws vertically extend from the base. The present invention provides methods for diagnosing diseases or disorders related to vasodilation and changes in blood flow, such as, sexual dysfunction, Raynaud's syndrome, inflammation, hypertension, gastrointestinal disorders and central nervous system disorders. Forward-most portions of the frame structure, immediately adjacent to the bumper beam, may take the form of deformation elements or crush cans that are designed to yield in a

manner to absorb crash energy.

1459827383-148ff5ea-0918-4f13-a576-702d0a80bde6

Embodiments relate to systems and methods for touch-based two-stage text input. Processing the packet comprises receiving the packet; translating the packet from a first protocol-specific format to a canonical packet format; translating the packet from the canonical packet format to a second protocol-specific format; and forwarding the packet. In the computer system in the image receiver apparatus, a display controller causes the contents of the preview data to be displayed on the screen of a monitor. In addition, the invention includes a device that can be used for generating a mist that can be administered to patients.

1459827383-53a68df7-505f-4d5c-b98c-484db6e4a732

An intervertebral implant for insertion between two vertebrae is disclosed. The stereo camera photographs the examination screen to obtain two original images. One of the plurality of gamma curves is stored as a reference gamma curve in a gamma table included in the display device. If necessary, annealing is conducted in vacuum after the growth. The anti-herpetic compounds may be administered alone or in combination with a compound that reduces the rate of renal excretion of the anti-herpetic compound. The secret code represents second positional information.

1459827383-5ab74375-542e-45a6-a345-8d31cd851899

A passive secondary air muffler for a small internal combustion engine. The mirror lock data structures are being maintained during various scenarios including volume move and aggregate relocation, in order to preserve the non-disruptive persistent operation on storage initiated by clients. Those images are transferred by the hub to a host over an isochronous communications medium. The plate has a plurality of apertures and a plurality of radially oriented closed slots formed therein. The luggage structure is securely protected by the plate member and the transfer mechanism. This is accomplished by either locking the A-ring chair conformation in a geometry having an axially orientated 1\u03b1-hydroxyl, or by the addition of one or more substituents to the A-ring which interact with other substituents in the molecule or on the A-ring to provide a driving force to the A-ring to adopt a chair conformation which presents the 1\u03b1-hydroxyl in the axial orientation.

1459827384-15f8980d-05af-4351-b2d9-f1c63256b73d

An apparatus comprising a first circuit, a second circuit and a third circuit. The system receives and stores initial convention data, and control parameter rules from meeting planner clients. A plurality of first concaves and a plurality of second concaves are formed on the substrate, wherein a volume of each first concave is different from a volume of each second concave. If the first NFC apparatus cannot properly acquire the IDs of the second and third NFC apparatuses, then it sends the data for requesting their IDs again. The launch pressure must overcome the sphere's pressure seal with the barrel and propel the sphere with a kinetic energy of between approximately 135-220 Joules/cm<sup>2</sup> for distances up to approximately 30 meters.

1459827384-814b469d-7d14-4b8c-a271-da8ee43a9855

This invention is directed to reducing the effect of shocks on electronic device components. The communication channel selecting circuit selects a communication channel in accordance with radio signal intensity, the selecting circuit transmitting and receiving radio signals in a plurality of channels. Then, a Polyphonic Aftertouch signal is immediately sent to shift the pitch of the standard note to transform it into a non-standard note. The method also includes determining an updated viewing orientation of the user and updating the portion of the content based on the updated viewing orientation.

1459827384-eea0d164-88ea-443f-9238-da93b9de0632

The present invention relates to assembling identification documents in an over-

the-counter issuing environment. The candidate words would otherwise be mapped to a series of general phones. Subsequently, the exemplary method uses the identifier to select a second node, by performing an operation with the identifier and an ID for a node in the internet. The fixed output signal relates to the input signal loaded on the rising edge of signal Q1 or signal Q2 as determined by signal Q3. A product comprising the composition marketed in a porous dome applicator. Free electrons produced by illuminating the photosensitive units are blocked by the first and the second blocking regions.

1459827385-206f33d5-85bc-4025-bb75-e1ffa8102a6d

The invention relates to the use of cyclic carbene--ligand complexes for catalysis of olefin polymerization. Periodic or occasional replenishment of the power source is accomplished, for example, by inductive coupling with an external device. 5 policy-based secure routing, and open system interconnection layer 2 policy-based mandatory access control address filtering to provide secure communication and computing for layers 4, 5, 6, and 7. The pressure chamber, the piston and at least a part of the conduit is arranged as a unit, wherein said unit and the housing have corresponding fitting parts allowing releasable attachment of the unit to the housing in a position permitting fluid connection between storage chamber and pressure chamber through the conduit and permitting the pressurizing mechanism to act on the piston. The microneedles can be fabricated on a substrate which can remain attached to the microneedles or be subsequently removed.

1459827385-c2e8a50c-b86a-44bc-9f80-9aefa5981a70

A device for applying a histological section to a slide is described. Simple methods are described for the production of well-ordered arrays of nanopores, nanowires, and other materials. After that, the transition metal layer is subjected to a plasma oxidation step to form a transition metal oxide layer as a precursor of a data storage layer, and a second electrode layer is formed on the transition metal oxide layer. In this configuration, ions and electrons may have adequate density and temperature so that upon collisions they are fused together by nuclear force, thus releasing fusion energy. When the main disk valve opens, the backpressure chamber inlet passage opens simultaneously.

1459827385-fa04e125-06fc-440c-b9e4-dfd76b449a68

A vehicle body structure with a floor panel having rigidity to withstand an impact energy at an offset collision of the vehicle is provided. The STO includes: a spin polarization layer, a field generation layer positioned adjacent the SPL, and one or more interlayers positioned between the SPL and the FGL, and a magnetization easy axis of the SPL is positioned in an in-plane direction such that the SPL has no perpendicular magnetic anisotropy. A set of source cells is selected from the set of cells of the distance field to enable the rendering of the region.

1459827386-25dc036d-a8a9-4454-a671-8a8ab04dcda4

A soybean cultivar designated 00174033 is disclosed. By controlling the excitation produced by the bias winding, the speed of the machine or the DC link, a power converter using only diodes can supply power to a DC bus. A back panel is attached to the front panel and sufficiently long to hang from the mattress frame to the ground. The temperature sensing switch can switch the first electrode foil and the second electrode foil between electrically conductive status and current-restriction status, e.

1459827386-2a4a34f9-2826-46b7-a864-55b49d64370c

An apparatus that introduces rapidly spinning vortices in a fluid with a vortex cration device and a frequency generation device. Thus, itching when the adhesive is placed on the skin and a light reddening after removal is avoided. The method also includes a signal processing step of calculating the wavefront aberration of the projection optical system on the basis of a measurement result of the measurement step. The locking device may comprise an insert having a body portion,



a first end that is configured to be secured within a recess formed in a rear facing surface of the clutch, and a second end that is configured to remain extending at least partially beyond the rear surface of the clutch and to be secured by engagement with a slot formed in the bracket.

1459827386-c7b7a166-a799-432c-8c19-016e267d72da

The present invention is directed to support members for assemblies of conductors, conduits, or other means of conveying energy, gases, or liquids. A recovery tank is removably mounted to the handle and has a front end. A method of molding over a PCBA is utilized, contrary to a conventional method of having two or more pieces of package components to tape together. A second clock is swept through other phase positions with respect to the first phase position such that a transition from the given unit interval to another unit interval in the received data is determined. The liquid retarding member has a hydrohead that is less than about 0. The displays provide both depictions of the data elements and the relationships between the data elements in accordance with a pre-defined data element display scheme including both element template and relationship view definitions.

1459827386-fc4353b2-7439-4b54-8393-96adde411746

An organizer for fiber cable management comprises a generally planar base having a splitter holding section, a slack and unterminated fiber storage section, and a splice and splice tray holding section. The multilayer coating film has a coating surface state of high quality with coating thickness deviation of 3% or less. 1 to 10% in total of one or more elements selected from the group consisting of P, Zr, Si and B; and balance Ni. The instantaneous leak flow is then the conductance multiplied by the square root of the instantaneous pressure, and the respiratory airflow is calculated as being the instantaneous airflow minus the instantaneous leak flow. A substantially electrically non-conductive cooling fluid for introduction into the enclosure and into the channel and expulsion from the enclosure and for extracting heat from and thereby cooling the heat-generating device and the carrier.

1459827387-5578cc55-6b70-4a4e-a2fb-cca35d7450b8

Embodiments describe determining position by selecting a set of digital pseudorandom sequences. The earpieces are arranged on the fork in a manner allowing them to face each other while articulating from a folded position adjacent the headband, to an unfolded position for listening. The counter increments from a preset value when a data packet is received at an egress queue and decrements when the data packet is output from the egress queue.

1459827387-f8792a56-562d-4fee-896d-5c5cc75c914c

An elastic wave device includes a piezoelectric substrate, a pair of reflectors disposed on the piezoelectric substrate along the propagation direction of an elastic wave, and first to fifth comb electrode pairs disposed in this order between the pair of reflectors. In one embodiment, a network device includes a designated router and a non-designated router. The conductive layer is composed of a material having a specific resistance lower than the specific resistance of the auxiliary resilient layer. Messages can be made available to network subscribers when their interface devices come within an area centered about a physical coordinate location. An antenna may be coupled to the output of the RF amplifier to operate over the at least one RF frequency band.

1459827388-4a807644-72c7-4fb3-a988-6ed9a73c371d

Range finder for determining the distance between the user and an object of known height or width, such as a golf flagstick, structure, etc. From the low band signals, low band beamformed signals are generated, and the low band beamformed signals are combined with the high band signals to generate modified wideband audio signals. A ball plug weld is on the outer surface of the leg. When the software management unit detects an increase or decrease of the resource allocated to the

virtual machine, it changes allocation of the resource to the plurality of pieces of business application software according to the change in resources. A display module includes a display port and a metering display driven from the display port. 5 mol % or higher but 5 mol % or lower with respect to the amount of perovskite type compound.

1459827388-56b9ebe6-916f-40c5-966f-3e4999e72d8c

Systems and methods are provided for detecting objects of an object class, such as faces, in an image sensor. Broadcast reception recorders receive broadcast content broadcast by a broadcasting apparatus and record it in built-in hard disk drives. The monophonic input signal is applied to a perspective filter that produces a differential-mode signal and to an equalizer filter that produces a common-mode signal. At least one of the second semiconductor layer and the third semiconductor layer has a portion with its sheet dopant concentration varying along a depth direction of the semiconductor substrate.

1459827388-6b2ae184-00cd-4900-bc80-b0cd7141c07a

A surgical suture material with an antimicrobial surface is described, the surface exhibiting a coating containing a) at least one fatty acid, b) octenidine dichloride and/or dequalinium chloride and c) optionally oligomeric lactic acid esters. The variable speed drive also includes an inverter. Aminoplasts, especially melamine-based aminoplasts, are particularly suitable curing agents. Alternatively, a jumper template includes a jumper for each pin pair of a jumper block. In addition, a process is provided for catalytically producing hydrogen peroxide from hydrogen and oxygen feeds by contacting them with the catalysts of the invention and a suitable organic liquid solvent having a Solvent Selection Parameter between 0. By these function switching means KK1 and KK2, moreover, the function switching signals are arbitrarily switched from any of no connection, a supply voltage Vcc and a ground potential Vss.

1459827388-d3f10404-17e1-49db-806f-9f775136122c

A transistor includes a base, a collector, and an emitter comprising a group III-V semiconductor. to a subcritical water or supercritical water condition of a pressure of 50 to 40 atm by using a continuously functionalizing apparatus to obtain the functionalized products, such that the functional group of the functional compound can be easily introduced to the carbon nanotube, thereby increasing the functionalized effect of the carbon nanotube and increasing the dispersibility accordingly. The releasing element includes a mechanical mechanism, which releases the supporting arm from the fixing action of the fixing element upon taking out the container, and enables the supporting arm to come outward out of the holder opening. In one aspect of the present invention, the process provides for: the preparation and isolation of a novel crystalline form of anhydrous 1,2-benzisoxazole-3-methanesulfonic acid of formula 1; the direct chlorination of the acid of formula 1 into its acid chloride of formula 2; and the in situ conversion of the intermediate acid chloride of formula 2 into Zonisamide.

1459827388-f90f8c7b-9791-45a0-a6cb-2079768d4d01

Embodiments of the present disclosure provide methods, devices, modules, and systems for non-volatile multilevel memory cell data retrieval with data read of reference cells. The in-cylinder injector is positioned below the intake port, when seen from an axial direction of a crank shaft, and attached to the cylinder head. The impeller at least has a hub, a plurality of blades and a driver. The segments incorporate structure for retaining cups and beverage coolers therein.

1459827389-3a74c409-fc3b-4d53-8360-4af63b2b6ea2

A piezoelectricelectrostrictive device is provided, including a pair of mutually opposing thin plate sections and a fixation section for supporting the thin plate sections. The device includes a carrier tube having an immersion end, a lateral circumferential surface, and a measuring head arranged on the immersion end. A

method monitoring a count of people traversing at least first and second passageways is also provided. The landing zone may be associated with the outer cover in the front waist region between the front ear regions. Bubbles are prevented from mixed in the liquid through the ejection port upon retraction of the plunger rod by controlling a retraction speed of the plunger rod in accordance with an air flow rate.

1459827389-962bd755-bb5c-443e-8228-ca93d1e917a6

A body motion controlled audio playing device is disposed with a sensing switch that can be covered in a non-contact way to selectively enable such functions as startup, shutdown, mute, and volume adjustment. Further, changes in the filling ratio in a buffer memory 21b are monitored and when the filling ratio exceeds h %, a decision is made that congestion has occurred in the first PPG 21 and the response to the push transfer request in the input interface 21a is delayed. The first supporting seat is disengagably attachable to the second supporting seat according to either of two selectable arrangements. Based on dynamic profiles and the grouping information, the operating system or other software may allocate a task to those cores that are most suitable for the task. In one of the separators of one of the stacked fuel cell units that is located at the end in a direction of stacking, through paths are formed.

1459827389-aee27c3f-ce85-46a1-921f-df3fbabc72fc

A data storage system has a memory circuit that comprises memory cells and a control circuit that receives data bits provided for storage in the memory cells. The nano-particles have a mean average diameter less than about 100 nm and are substantially free of chain ends. To ensure proper operation, a transistor disposed between the first and second input stages is always maintained active to provide a conduction path between the ground terminal and the nodes that may be charged from the supply voltage.

1459827391-2da82546-9357-4e4b-99b2-fd427e0d09ec

A DA conversion circuit in accordance with the present invention, which is provided with a switch swD, allows a writing operation of a voltage to be performed at a higher speed by first applying a first voltage, which is supplied without passing through a resistor element, to an output line and then applying a second voltage, which is supplied via the resistor element, to the output line. More specifically, the support system not only creates a dry area under a deck but is also a load bearing component of the deck. A wireless device that has both cellular and 802. The radio link stage has allocated to it radio link resources. In other embodiments, the received data includes time stamps with encoded sampling time instant information. Such apparatus comprises a non-circular substrate support configured to support a substrate with a planar surface and non-circular periphery.

1459827391-748619b6-e599-4c32-9d10-6b14c98e7398

A wagering gaming device that physically stimulates an input device of the gaming device to stimulate a player. Further a method for mounting the electronic module on the heat conducting mounting comprising the step of adjoining an attachment means with a fixing means and the fixing means with the electronic module to obtain at least one immediate connection pressure area between the first surface area of a wall and the second surface area of the electronic module. A method for operating an SOI integrated circuit containing a matched transistor pair with a matching resistance heater coupled to each transistor of the matched transistor pair. The metal strip preheated by the plasma descaling is guided, without exposure to air, from the plasma descaling into a protective gas atmosphere of a continuous furnace necessary for the coating.

1459827392-4fee4023-626f-41dd-82de-f2388740e8ef

In an air conditioner, a target compressor rotation speed is determined based on a target air temperature, which represents an air conditioning load, when an electric

compressor is started from a stop state. The friction torque generated in one direction of joint rotation is greater than the friction torque generated in the opposite direction of rotation. A shield device is set on the jig or among jig arrays themselves for preventing from being disturbed.

1459827393-38d7a955-dfcf-4b7c-a11a-81a3fdad4017

A method of producing substantially spherical lyogels in water insoluble silylating agents is provided. In the finder device 15, an image in which an OVF optical image formed by an objective optical system 65 and an image displayed on a display portion 61 are superimposed on each other can be observed through an eyepiece window 17. Preferably the end effector is independently movable about at least two axes. For each unit road included in the route, a third processing unit 130 searches for a \u201cresembling pattern\u201d that resembles a \u201creference pattern\u201d from a \u201cpast pattern\u201d. Additionally, or alternatively, the stator segment can include one or more alignment tabs configured to engage a surface of an adjacent stator segment to inhibit relative axial movement between adjacent stator segments.

1459827393-3963136e-1aa0-4b86-a24b-8700009c01d0

An improved User Plane location based service architecture and message flow, enabling seamless User Plane location based services even when a mobile or wireless device has roamed among different carrier networks. An input pixel value is thresholded using a corrected threshold value  $T_h$ , and a binarized pixel value is output. The outer sheet has the elastic members intermittently bonded under tension thereto, and is formed in a region thereof facing the absorbent structure with an opening. Additionally, since the bosses are fixed to grease reservoirs arranged at an equal spacing therebetween on the circumference of the retainer, the strength and rigidity of the retainer can be equally improved over the entire circumference thereof.

1459827393-43d13add-db43-4c88-ae51-cc6fe1a5ec0b

Several tools are included in an object processing system that also includes a common object model containing a data structure and an administrative program for the data structure. A drive wheel, disposed in the front of the power unit, is connected to the power source. Minimum hounding areas are generated, whereby the plurality of the minimum hounding areas cover the search trajectory or at least one of the search segments.

1459827393-6fffc5987-b8ea-4809-b746-e15a79cc8c1d

Methods and systems for managing the communications and information resources of a user. The information medium includes: an information layer on which user data is written; and a recording layer on which visible information, which is directly visible to a user, is recorded. The stubbing service may send the request onto the second service and may, in response, receive a reply to the request from the second service. The extending roller unit 13 includes dust sealing mechanisms provided between ends of the extending rollers 79 and a pair of endless members 75, the dust sealing mechanism inhibiting circulation of air between rotation regions of extending rollers 79 and traveling regions of the pair of endless members 75. The process comprises an isomerization step from cis 1233zd to trans 1233zd. The logic correction circuit executes a parity bit rewrite operation.

1459827393-e9389b83-8613-4a14-9c38-89d14280374a

A pneumatic chest compression vest is disclosed for the purposes of clearing the lungs of mucus and producing quality sputum samples for analysis. In particular, methods for determining a potency and/or diffusion of a neurotoxin based on a nuclear index and/or an amount of muscle atrophy are disclosed. The lateral surface of each of the grooves is separated from the light emitting diode layer and used as a reflecting mirror. The results of the test are provided to the central map server, which may integrate the results into the global connectivity map. The first

set of measurement data indicates a minimum gap between the first set of sensors and the wafer.

1459827394-1333e682-038c-4c56-aa63-70cef97749a9

Disclosed herein is a mass spectrometer having an atmospheric pressure photoionization source that comprises a discharge lamp coupled to a nebulizer, wherein the nebulizer is at, or near, atmospheric pressure. The formulation may be used in the preparation of a tissue-adhesive sheet, by applying the formulation to at least one side of a core of a naturally occurring or synthetic polymeric material. An optical sheet is arranged between the liquid crystal display panel and the back light unit. The mobile communication terminal includes a body part having a plurality of chips, a folder part hingedly coupled to the body part, and a slide part coupled to the folder part such that the slide part is moved relative to the folder part in a sliding manner, and therefore, the multiple opening and closing type mobile communication terminal is opened or closed. It has been found that crystalline forms of EtO<sub>2</sub>C-CH<sub>2</sub>-Cgl-Aze-Pab-OH have a high chemical and solid state stability when compared to amorphous forms of the compound. The device allows one wearing a protective suit in a contaminated environment to obtain drinking fluid from a standard, commercially-available container.

1459827394-21a4ec46-a809-474f-8bf4-0f4b3f68b774

A new and distinct cultivar of Petunia plant named \u0018KLEPH05111\u0019, characterized by its compact and outwardly spreading growth habit; mounded plant habit; freely branching habit; freely flowering habit; relatively large dark violet blue-colored flowers; and good garden performance. Most of the components and devices are particularly adapted for use in wavelength division multiplexing systems and in particular for use in switchable adddrop filtering and wavelength selective crossconnect. The first nitrogen rich region is disposed adjacent an interface between the oxide layer and the semiconductor substrate. At least one result of the search may then be displayed to the user. The store comprises at least two rows of collection boxes disposed along at least one side of the feed belt, and a movement unit associated with the collection boxes to discharge the filled collection boxes and to position new collection boxes to be filled.

1459827394-2c6154af-9fc7-4e90-89f2-09ab23d2201d

A method of producing a carbon fiber composite material includes: a first mixing step of mixing an elastomer and carbon nanofibers at a first temperature; and a second mixing step of mixing a mixture obtained by the first mixing step at a second temperature, and the first temperature is 50 to 100\u00b0 C. The electronic endoscope further has a first color filter that has spectral transmitting characteristics, such that light having a first wavelength range corresponding to blue color is transmitted, and a second color filter that has spectral transmitting characteristics, such that light having a second wavelength range corresponding to green and red colors is transmitted. The data set is supplied to a relaying device, in which it is compared with stored comparison data sets.

1459827394-34f3aa17-28f0-494f-966f-d38add2e9834

Embodiments of the present invention provide an edge adaptive spatial temporal deinterlacing filter that evaluates multiple edge angles and groups them into left-edge and right-edge groups for reconstructing desired pixel values. A gain of the air-fuel ratio feedback correction coefficient \u00b1 in respect to a detection result of the air-fuel ratio sensor is decreased as a delay in a transient response of the air-fuel ratio sensor occurs. If the packet is a packet of the specific types of communication, the packet is passed to the protocol processing process and added to a virtual queue created in its shared memory. The switching fabric also includes a processor interface associated with the host processor.

1459827394-d977542a-4baa-4e90-9d39-5875b5b68552

A camera includes a lens barrel capable of extending and collapsing in which when

the lens barrel is extended, exposures are possible. The system includes a signal supply component that provides electrical and/or data signals to a signal consumption component that utilizes the signal to provide an output. The invention relates to a method and a device for transferring hollow-profile blanks, characterized in that during transfer the positioned fusion faces of the blanks are pressed against each other at least in the area of the weld.

1459827395-1652eab1-1bd0-4567-9968-0db6db984c3a

A multichip assembly includes semiconductor devices or semiconductor device components with outer connectors on peripheral edges thereof. The centralized monitoring system obtains the device identifier communicated from the device. First and second bristle holders are associated with the head. The indication is used to prioritize the allocation of the channels. A portable power source is connected to the air intake and the collection electrode.

1459827395-9f773483-56db-4f29-a705-7f7131cc0fb3

An imaging module includes a mounting frame, a scanning module, a lens, a number of illumination lights, a first circuit board and a second circuit board. An encapsulation is formed to cover a wafer using a wafer level molding process. The RF electrical interference shield can be mounted to circuit boards to prevent electrical components from causing RF interference.

1459827395-e0a10e29-286a-4d09-b412-7dc4a6a36e9c

A tire working tool is presented which comprises a lever arm including a first working end adapted to work a clevis and a second working end adapted to work a second tire bead. The component test apparatus includes a component loading device, a transport hand, and a component unloading device. In response to the entry of residuals, a pre-ignition mitigating action, such as fuel enrichment or deactivation, is performed in the neighboring cylinder. The transmission sections are equipped with a constant current transmission section that transmits with a constant value of current; and a current detection section that can detect the value of the constant current. The thermocouple module includes thermocouples monitoring first stage temperatures within and between pressure vessels.

1459827395-f8125736-6f5a-498a-a6d1-0a851263743d

A solvent that reversibly converts from a nonionic liquid mixture to an ionic liquid upon contact with a selected trigger, e. A plurality of contact modules are coupled to the front housing. By making this silicon oxynitride film laminate structure, contamination by alkaline metallic elements from the substrate can be prevented, and influence by stresses, caused by internal stress, imparted to the TFT can be relieved. The logic also may be used to determine whether the battery is of a marginal quality in which the capability of the battery to power operation of the automatic circuit recloser is compromised, and to issue an alarm to indicate that the battery is of the marginal quality.

1459827396-1eb2859c-21f9-4fb2-be88-ecbc0a1f4487

The disclosure is directed to a semiconductor wafer, integrated circuit product, and method of making same, having multiple non-singulated chips separated by scribe lines, comprising a plurality of seal rings, each seal ring surrounding a corresponding chip and disposed between the corresponding chip and adjacent scribe lines. The rate of change is set such that motion invariant imaging is achievable for practical speed ranges, i. The bit line connector and the lower electrode connector are respectively formed by one-time mask processes. The categories are used to provide a raw score to items in various groupings of a site's content.

1459827396-6185aac7-bb8d-4871-9cd7-dca556e66804

The present invention provides copper capillary alginate gels stabilized with barium, chitosan, its derivatives, or a combination thereof. One macro block is subdivided into sub blocks each of which is composed of four pixels by four lines.

In this side airbag apparatus, a controller predicts a side collision of the vehicle, and makes the inflator start an actuation in advance of the side collision in response to the prediction. After the extraction step, the metal is separated from the solvent, the complexing agent and/or other metals by exposing the extract to a stripping agent in a countercurrent stripping column. An example method includes determining a first virtual machine within an application definition, automatically identifying a property for the first virtual machine, and generating an application blueprint based on the identified property of the virtual machine.

1459827396-6c44017f-0391-43d4-901c-f3ea01b475e9

The invention provides bioactive compositions and methods of delivery for ameliorating a vascular diseased state, particularly for the management of stenosis or restenosis following a vascular trauma or disease. Each hybrid diode has two diodes: one is a poly-bounded diode formed as a junction between a substrate and a diffusion region thereon, the other is a poly diode formed as a poly gate having two regions with different conductivity. The gain control circuit is used for receiving a gain adjusting voltage, thereby generating a resistance adjusting signal and a current steering control signal. An analytical gas flow is established orthogonal to the axis. The distal end of the collection fiber arrangement has a re-director light receiver thereon for receiving light reflected from the mammalian tissue by the light emitter. A central guide pin provides guided movement for axial translation.

1459827396-b3377ac9-014e-425f-b072-f33f13a89ce5

Technology for network security is disclosed. In use, operation of hardware is controlled utilizing a push buffer. The radially outer shroud has a circumferentially continuous cylindrical wall extending axially from a leading edge to a trailing edge.

1459827397-47520937-445e-47bb-807c-fd4d08388f2c

An apparatus and method for efficiently performing a query sort on a data set with duplicate key values is disclosed. The mobile source generates time of arrival estimates from data bursts received from base sites operating within the network. An example of such a need occurs with mobile workover rigs used in well maintenance. A liquid transporting apparatus having a high reliability of electrical connections can be provided. In this manner, test pattern selection processing with high efficiency can be achieved.

1459827397-94c27201-167c-48c0-96fa-2f3da7b44336

An industrial truck, such as a fork-lift truck, has an electrical drive system and an energy supply based on gaseous media. One-dimensional input signals are detected in a symbol decoder, implemented using look-up tables, to produce a pair of 1D errors, with each representing a distance metric between the input signal and a symbol in one of two disjoint symbol-subsets. Also provided by the invention are methods of using the Endokine alpha protein and/or homomultimeric and/or heteromultimeric polypeptide complexes containing Endokine alpha, in the diagnosis, prognosis and treatment of diseases and/or disorders associated with aberrant osteoclast development and/or activity. By dispensing with complex digital/analog converters, the principle described allows markedly reduced power consumption in transmitters which use code multiple access methods.

1459827397-9bb82be9-aa68-4b41-83da-225734b28c00

An automated banking machine is operative to conduct transactions in response to HTML documents and TCPIP messages exchanged with a local computer system through an intranet, as well as in response to messages exchanged with foreign servers in a wide area network. A movable contact having a semicircular sectional shape is mounted on the second fixed contact, and terminal electrodes are provided on an underside of the circuit substrate and connected to the first and second fixed contacts respectively. The screen is placed on the front mask.

1459827398-77b63eb2-062a-47b1-8ef2-619879dc8567

A movable display apparatus, a robot having the movable display apparatus, and a display method thereof, and, more particularly, a display method of a robot having an apparatus to display an image according to a visual point of a user are provided. The park transformer is connected between a first node and a second node which is connected to a utility grid to which electric energy produced by the wind turbines is to be delivered. The anode contains an anode active material containing Sn or Si as an element. According to the reasons of communication failure, the automatic frequency hopping method discriminates whether a frequency hopping procedure is performed.

1459827398-ce406cce-8a11-4f77-a13e-abe61d13d561

A semiconductor device is described that comprises a gate dielectric and a metal gate electrode that comprises an aluminide. A first diode, a second diode, a first inductor, a second inductor, a first switch, and a second switch convert the AC input voltage, rectify the AC input voltage, and output an intermediate DC voltage. In step A optionally carbon nanotubes in an aqueous medium are preferably added to the latex containing conductive polymer. By using pairs of control cables, the proximal yaw, pitch and distal yaw sections of the manipulator arm can be moved to weave the cleaning head past the multiple stages of blading to locate the cleaning head adjacent a selected blade. A method for manufacturing the organic electroluminescence device is also provided.

1459827399-11ebd904-e0ff-4f2d-84b6-84794d0326ea

A power transformer and electrical current distribution device has a 480 V power inlet receptacle, at least one 120 V or 240 V power outlet receptacle, a transformer for transforming 480 V current to at least one of 120 V and 240 V current, and a first housing and a second housing each containing at least some of the 480 V inlet receptacle, the outlet receptacle and the transformer. In combination these traits set Brass apart from all other existing varieties of Ceanothus known to the inventor. After a code wheel is attached and fixed to the motor shaft along the axial direction of the motor shaft, a generally L-shaped module holder, which accommodates the other of the paired light-receiving element module and light-emitting element module, is mounted to the board unit. A filtered edge appears as a spike that goes either positive or negative depending on whether the edge is a rising or falling edge. The pickup includes light sources corresponding to the record media, a drive circuit for driving one of the light sources, a switch for switching a connection between the drive circuit and one of the light sources, and a control circuit for controlling the drive circuit and the switch. Ones of the first and second sub-pixels are alternately arranged in a first column, and ones of the third sub-pixels are arranged in a second column adjacent to the first column.

1459827399-b04cab9d-d418-40a1-aff7-3fd386f2b774

An insulated glass window with an integral blind assembly. The device comprises inflation and deflation valves and a push-button for operating the valves that can be controlled by the diver. The present variety's abundance of blossoms and pollen entices strong bee activity to facilitate pollination. The first and second insulation displacement contacts of each contact-pair are substantially equidistant from the untwisting point and are proximate to the untwisting point. Additionally, the medical condition tabs may also be bar coded so that the patient's ID and medical condition may both be \u201cswiped\u201d into a data base using bar code information. This assembly is attached to a protective structure and is encapsulated.

1459827399-c118e49f-9fa7-4fdc-92da-eeee3e5aeb4e

A mixer comprises a differential input circuit that is configured to receive an input signal. The covering includes an elongated containment portion having at



least one compartment, wherein the covering retains the first substance for mixing with a second substance prior to delivery at a surgical site. It further relates to corresponding tobacco materials and smoking products. In a case where a newly connected sheet processing apparatus is a sheet processing apparatus of a different type, the printing apparatus updates the information stored in the storage unit. The appliance extends the life of a shoeing, prevents loose and thrown shoes and is useful in repairing cracked hooves. The connection is identified by using IP addresses, subnet masks and virtual circuit identifier values of ATM interfaces on the routers.

1459827399-fd5bfbd5-3a96-46f9-94a4-cb8fda7f93f1

A cargo bed storage structure is provided for a vehicle. The transmitter and the receiver are suitable for operation with a plurality of frequencies on the part of the emitted signal and the echo. Automated decision processes based on customized business rules can operate on asset positions at various defined landmark locations and customized geographical areas. Software is stored on a non-transitory storage associated with the controller. The heating element includes a pair of conductive terminals that extend proximally along a longitudinal length thereof. The air purifier effectively removes dust particles and bacteria in the air, measures and controls the carbon dioxide content in the air, displays the content of carbon dioxide to users and helps to protect human health.

1459827400-3fb0efa9-fb1f-4106-83be-ded007dc632f

A 3-D modeling system is provided for reducing design costs an efficient drawing checking operation. Processes for the preparation of the final products and for the conversion of the compounds of formula to amino acids are included. Multiple printed outcomes are assembled into books, wrapped, and sold to consumers. The spring and spring seats are disposed about the central rod, such that the spring biases the control member into a predetermined position relative to the regulator casing.

1459827400-496d25a5-f6dc-498c-b516-e0e61433d815

A covering of a convertible top compartment of a convertible which has a convertible top which can be deposited in a convertible top compartment, the covering having at least one first cover part and one second cover part which are supported to be able to pivot relative to one another. By the contacting and separating operation of the transfer member, the image bearing member located out of a normal position is pressed to the normal position by the transfer member. Optional gel promoting additives include betaines and amine oxides. Conductive pathways can be formed in the fabric of the patch. As the edge attachment is mounted on the edge of a cap or visor the flared edges are deformed outward creating a spring force that firmly holds the edge attachment on the brim. Another embodiment includes providing adjustable fin positions relative to the side force stabilizer.

1459827400-b2869361-188b-4756-a6a1-d7402f7fbcd5

A valve for controlling gas flow to ventilator or physiotherapy apparatus, has a body having first and second inlet ports and an outlet port. The leaky wave antennas may include a balun that may be integrated on the chip, on a package to which the chip may be affixed, and/or integrated on a printed circuit board to which the chip may be affixed. The voter function block may be integrated into a process control or safety system by being communicatively connected to other function blocks, such as to analog or digital input function blocks, analog or digital output function blocks, control function blocks, cause and effect function blocks which implement cause and effect logic, etc. The lower shield has a center portion and a lip. This ratio can vary in alternative embodiments, and includes 5050, 6040, 7030, and 8020, respectively. According to the present invention, the SRAM section can be reduced in size.

1459827401-2984b70c-ef48-456a-857d-d62566f0672b

A device for mapping and demapping cells in an orderly manner is provided. While the energy delivered to an output terminal with its load remaining the same does not change, the energy delivered to an output terminal with its load changing is adjusted accordingly. The spindle is coupled via a nut element to a second part. The present invention hence enables aspects of the logical computation to be performed simultaneously with the application of the filtering computation, and for the logical and filtering computations for a plurality of data samples to be performed simultaneously, which significantly improves the efficiency of the adaptive filter operation. Optionally, the camera gathers information from frames used to construct the video mosaic and uses the information to select settings for focus, exposure, or both to be used during the taking of the component photographs. The clamp system has a first and a second jaw and a first and a second link attached to the first and second jaws that are configured to control the motion of the jaws.

1459827401-3ed2afc7-af32-43f5-a767-4b9afee34996

A game call having a box piece and a striker piece that contacts and vibrates an exposed edge of at least one box wall to produce sound. The external adaptive control system determines a plan identifying a guaranteed green light time and a minimum green duration and a period for the plan. Each layer is sleeved within the preceding layer forming a sleeved assembly.

1459827401-4404c5bf-0a95-4cd3-b5cd-ae0a91fd9ff8

The present invention features a portable suitcase tabletop system having a suitcase with a generally u-shaped telescopic handle and a plurality of wheels located on the suitcase bottom surface. A method for reading RFID tags is also provided. An illumination reduction algorithm is implemented to determine the highest RGB components from any of the pixels of the displayable image. Also, the present invention reduces the conversion time by structuring the bit streams into a GOP. Corrugated plate having vertically formed corrugations is secured to each structural member below the corresponding arm and its associated base. Catalyst comprising this bidentate ligand and carbonylation process in which this catalyst is used.

1459827401-b5b4b4f9-c88e-45d4-b47b-787c52b3e519

A tube fitting for a tube end has a female threaded member that cooperates with a male threaded member. The walls of the shell are filled with an insulating material. In transposed access mode, a data operand is accessed in a given partition of each of n registers.

1459827402-06428cd1-99d9-42bf-91af-9e3349df014f

A driver assistance system for monitoring driving safety has a mobile electronic unit including a video sensor, a computer unit for image data processing, and an acoustic output unit, which detects the immediate surroundings of the vehicle from the data of the video sensor and outputs a warning or information via an output unit when the computer unit detects a dangerous situation. The inverting cone has an inlet separated from an outlet by a length. 11ag modem using a programmable FFT based on a half length FFT core, modifies data in a reception chain implemented in a IEEE 802. A portion of the HSQ layer that surround the nanowires are cross-linked, wherein the cross-linking causes the portion of the HSQ layer to shrink thereby inducing strain in the nanowires. The file categorization module analyzes the uncategorized files in priority order to categorize the files as \u201cexpected executable file creators\u201d or \u201cexecutable file creators of interest. When an object so allocated is no longer needed, the shared external storage breaks the object down to a set of one or more fixed sized allocation units.

1459827402-3dc82d0a-9e2e-4cb8-a9be-c5dee939a43e

A mechanical seal for providing a seal around the drive shaft of a variable

displacement swash plate type compressor used in an air conditioning system for a vehicle comprising a rotating bearing surface, an associated stationary bearing surface and a lubricant embedded in the stationary bearing surface. The game device 1 is a game for competing for game scores in accordance with the superiority of the state of arrival upon the taxi, which is the moving object, reaching a goal. Methods for representing taste perception of a particular tastant in a mammal are also described, as are methods for generating novel molecules or combinations of molecules that elicit a predetermined taste perception in a mammal, and methods for simulating one or more tastes. The invention further relates to screening methods for identifying agonists and antagonists of huXAG-1, huXAG-2 or huXAG-3 activity. Each pocket includes an internal passageway that leads to an interior side of the vest. More specifically, an apparatus and method for demolding a golf ball from a mold cavity subsequent to forming a cover layer without the use of ejector or knockout pins are disclosed.

1459827403-0bee2afd-77c7-4e68-a3db-cfc631a42764

The invention relates to the field of transplantation medicine and to the prevention and treatment of rejection, in particular of chronic rejection, of a transplant by a recipient of the transplant. The method and apparatus further utilize this database as a backbone for an internet portal, providing for automated contact of interested parties, automated e-commerce for replacement of assets, and immediate distribution of published information. In assembly, a protruding unit is connected with the circular indented region. Further, the image-memory access control section and the image processor share jobs of performing image processing on the image data. Finally, the utility of a general approach for determining the molecular bases for lysosomal disorders of unknown etiology has been demonstrated. When a cup completes its journey beneath the drug tubes, it contains the drugs needed by the patient to which it is assigned.

1459827403-3b507d41-02b6-4b59-b011-2c07f6880b06

A material bender for bending a stock material into a desired shape. Each of the first crank and the second crank has an end adapted to engage a pedal. Delivery polymers provide membrane penetration function for movement of the RNAi polynucleotides from outside the cell to inside the cell. The sleeve has one end formed with a radially outwardly directed flange which embraces the adjacent one of the outer running disks, wherein the other outer running disk is securely connected to the sleeve to thereby form a unitary bearing structure. In addition, access to the input data in the physical cache is facilitated.

1459827403-f583dcf8-cc44-4276-bd81-5961fc31014d

The invention includes a device displaying differential negative resistance characterized by a current-versus-voltage profile having a peak-to-valley ratio of at least about 9. The first tier is a universal graphical user interface which can operate on any inexpensive computer as well as on an expensive workstation, i. The memory cells include inverters in which capacitors for backing up data are provided. When delivered, the proximal segment and intermediate segment form a first clip-shaped portion sized and configured to be positioned over a septum secundum of the patent foramen ovale, and the intermediate segment and distal segment form a second clip-shaped portion sized and configured to be positioned over a septum primum of the patent foramen ovale. An exemplary embodiment of the circuit includes a first programmable differential driver circuit receiving a differential input; a programmable delay circuit receiving the differential input and coupled to a second programmable differential driver circuit; and a summation circuit coupled to the first and second differential driver circuits.

1459827404-6d51169b-7220-4644-a8fd-59cf28a1cb8c

An article of footwear is disclosed that includes a fluid-filled chamber with one or more flexion zones. The driving device comprises a plurality of first charge sharing switches and a plurality of second charge sharing switches. The image

sensor includes an effective image sensing area having a plurality of pixels at the center portion of the image sensor, and a light-shielded pixel area having a plurality of light-shielded pixels at the peripheral portion of the image sensor. The display device displays a display color in accordance with a ratio between the light intensity, which has been detected by the light intensity detecting device for the entire measurement wavelength region, and the light intensity, which has been detected by the light intensity detecting device for the partial measurement wavelength region. A variety of signal formats of the output signal are described.

1459827404-c437b582-8ba9-4f4c-bad5-86a927129299

A nonvolatile semiconductor memory device includes a memory cell array having a plurality of cell units each including a preset number of memory cells and select gate transistors on drain and source sides. Drive circuitry is positioned on the wafer substrate. The user may select a program listing of interest. The signal detection element includes a capacitance detecting electrode and a capacitance detecting dielectric layer. As such, the cover is loaded and opened automatically, as well as in closed, which can be a part of automation and prevents wafers from contamination. Among other potential uses, the present invention may be useful as a vascular stent for treating abdominal aortic aneurysms.

1459827404-d6f33127-b4a7-4eec-8e18-206bcd3c0ab3

A seal with anti-theft device for items having rod-like portions, particularly for eyeglasses. The gate electrode provided over an active layer and a gate insulating film is constituted by a lamination film of a tantalum layer and an aluminum layer. In one embodiment, the decorative covering assembly is delivered to a customer for use by the customer in covering floral groupings. The two filters may also be separated by a groove in the substrate. From this, the pylon is capable of stably displaying the logo indicia in an upright configuration above the tabletop.

1459827404-d78c2f59-03ae-4a73-97c6-768ec067ce2f

The contents of a small image displayed on the back side can be made easy to understand. According to one or more exemplary aspects, there is provided a wireless audio receiver for receiving a plurality of packets of encoded audio data. The present invention also provides substantially pure eprosartan free base and a process for its preparation.

1459827404-df376c84-04b8-4d96-83f5-779191d7c432

In an active matrix display device, a circuit including at least five thin film transistors which are provided with an approximately M-shaped semiconductor region for a single pixel electrode and gate lines and a capacitances line which cross the M-shaped semiconductor region, is used as a switching element. The trench etch process is adapted to include a forward micro-loading etching process and a reverse micro-loading etching process using two etch chemistries together with the inclusion of a dopant material layer or an organic fill material layer during the deposition of the dielectric film stack. The second signal is processed by a second analog-to-digital channel to produce a second set of in-phase and quadrature signals.

1459827405-141e8295-7f4c-4546-9dbe-f9383fa356dd

Disclosed herein are compositions comprising polycarbonate-polysiloxane copolymer, polycarbonate, flame retardant additive, and an anti-static agent. A mobile radio receives a communication signal from the repeater on the first frequency hopping hopset and transmits a communication signal to the repeater on the second frequency hopping hopset. The security feature is uniquely keyed to disengaged when mated with a corresponding uniquely keyed connector. A supply voltage VDD is adapted to be electrically coupled to the second side of the first chip.

1459827405-c609f889-eb55-4eb2-81a1-a35e0df5c901

A pivotal handle for a food service table is disclosed. An eNB transmits a

plurality of sets of UE-specific SRS parameters to a UE via upper layer messaging in a multi-carrier wireless communication system. At least one motion measuring direction extends transversely to the longitudinal direction of the housing. The handle can actuate the pump either using a piston or a lever motion. In one embodiment, the pincher includes a spring loaded mechanism for pinching the bag proximal to the sealing zone. The apparatus further includes a dichroic mirror in the resonator that reflects excitation light inputted from a direction crossing the optical axis of the resonator toward the solid-state laser medium and transmits oscillation light.

1459827406-8d5cd3d1-249e-4121-9efc-a8f7d25e1519

Methods and devices are provided for providing direction to surgical tools. The invention also relates to methods for producing a modified PH87P maize plant that comprises in its genetic material one or more transgenes or backcross conversion genes and to the transgenic and backcross conversion maize plants produced by these methods. A number of thin regions are formed in the drawn carbon nanotube film along the aligned direction by reducing density of carbon nanotubes in each of the plurality of thin regions. The inflatable article or bladder of the present invention may be used as or in athletic equipment, for example, including footwear. The wardrobe closet may determine the user's clothing needs and find clothing offered for sale at one or more web sites. In some examples, this distributional information is used for a classification task.

1459827406-a9c1c5ad-b66b-4bb6-8f75-b374cb6cb2a6

A tax event system is configured to evaluate a taxable event that gives rise to tax liability in multiple jurisdictions. A microprocessor is provided local to the interface device and reads sensor data from sensors that describes the position and/or other information about an object grasped and moved by the user, such as a joystick. The second connecting member includes a coupling portion removably coupled with the accessory, and a second engaging portion extending upwardly from an upper side of the coupling portion to releasably engage with the first engaging portion. The plurality of streams of shot may be directed out of a plurality of outputs of the nozzle. A method of forming such a self-aligned interconnect structure is also provided. The lower and upper cladding layers are opposed to each other and sandwich the light-emitting layer to form, in cooperation with the light-emitting layer, a light-emitting portion of a pn-heterojunction structure.

1459827406-be2df0b2-0536-4e63-becc-cc5ec35e7394

A chip stacking structure including a carrier, a first redistribution layer, a second redistribution layer, at least one first chip, at least one second chip, and at least one conductor is provided. Each participant is surrounded by at least two video cameras. The apparatus includes register marks to be measured by the apparatus.

1459827407-158ce3d2-e5c7-4af2-81a7-c8a73891e3b5

A method and apparatus for converting DC input power to AC output power. The circuit board includes a plurality of electrical contacts. The candidate document is evaluated to determine whether the one or more terms indicated by the expression occur within the span in the candidate document so as to satisfy the annotation operator. The authentication apparatus includes certificate transmitting means transmitting, to the service providing apparatus, the second certificate generated based on the first certificate in response to the request of the second certificate by the certificate requesting means.

1459827407-620af465-6ba6-4610-bbe8-ed9d2589d132

The present invention relates to a mobile communication terminal for Push To Talk and a method for processing missed call information thereof, which allows a receiver to check why an originator requested the PTT telephone call during the absence of the receiver through missed call information. Location information from

the network can be combined with computerized street maps to measure the time it takes to get from one geographic area to another. The extendable pressurized fluid coupler further has a piston having a central fluid channel, the guiding portion and the piston having a common central axis. According to further aspects, estimated altitude is integrated with other types of dead reckoning data to provide user context detection pertaining to changes of altitude. Preferably, the fiber is extracted while molten material is being urged into the fiber.

1459827407-d7026c41-c2cd-4088-a7ce-5da01b09146e

An apparatus and method for consolidating a composite workpiece are provided. The method can include maintaining the sample chamber in an open configuration or decompressing the gas capturing chamber by closing off one or more sample inlets and sample outlets and exhausting portions of the liberated fluid that do not flow to the gas analyzer. Each block has a label that determines its correlative order in the set. This allows both the newly recorded and previously recorded media segments to be evaluated both individually and in context with other segments.

1459827408-3c0faed1-6565-49ad-add2-d04f4053bbdc

A data processor acquires video data and audio data and, after processing them appropriately, stores them on an optical disc and/or an HDD. Two pieces of information about the print size, one inputted by an operator and the other detected by a paper detector, are stored in a print size memory. A shaft is provided having a first end and a second end. The lighting balloon apparatus is further configured to accommodate multiple lighting sources, as well as applicable mixtures thereof.

1459827408-7aadfb2d-66f6-40c9-85ec-7837cb653e6c

A cleaning mechanism for a wire electrode of an air purifier device includes a base, a post having a first end attached to the base and a second end accessible from a location external the housing, a cleaning plate assembly attached to the base, wherein the cleaning plate assembly frictionally contacts the wire electrode when moved relative to the wire electrode. If the count exceeds a threshold, then a warning is sent to the clients. The control elements controls the write elements to write the first boundary information at the end if the empty capacity is equal to or greater than a first threshold value and the second boundary information at the end if the detected empty capacity is smaller than the first threshold value. When a user switches from the current task to a new task, by selecting a minimized window, the windows associated with the current task are automatically minimized as the window pertaining to the new task is displayed at its normal size.

1459827408-a2c89e81-324b-4769-87b6-548d59442c6d

A stray-light-coupled biometrics sensing module includes a light-transparent body, a display unit and an optical module. Two-dimensional images, representing a physical property associated with the radiolabelled thrombus, are acquired and assembled into a three-dimensional matrix of data. The anchor seat has a groove profile thereon which will mate with a groove profile on the mandrel in an anchoring position. The inventive system and process allow a gasification to be carried out under higher slurry feeding rate and lower temperature with the provision to manage the tar being produced, therefore to increase the conversion efficiency of the overall gasification. The tradable commodity can be purchased or sold for use in managing CO<sub>2</sub> emissions. The annular body includes a fluid inlet and a plurality of circumferentially spaced apart fluid outlets in fluid communication with the interior flow passage.

1459827408-fdc15c40-931d-4f10-8750-8bc4e576a129

In a multiport SRAM memory cell of the present invention, an access transistor of a first port is disposed in a p-type well, and an access transistor of a second port is disposed in a p-type well. A primary portion of the cementitious composition has a particle size distribution such that substantially all of its particles are of a

size of about 10 microns or smaller. The locking module locks with the main plate and the slide plate. According to various embodiments, a computer-implemented method for resetting a secure element within a network device may include receiving an encrypted reset request message at the secure element, decrypting the encrypted reset request message using a communication key, verifying authorization for the reset request message, and atomically clearing parameters associated with the secure element.

1459827409-01f8bc17-afb5-49d5-9473-779362ec19b7

An electronic candle which simulates a flickering flame is provided. Each of the dome patella components and the anatomic patella components is interchangeable with a plurality of femoral components. The implant also has a plurality of particles dispersed in the structure that are adapted to convert incident radiation into heat energy when irradiated with electromagnetic radiation. Collar-engaging loop portions attached to the dog collar flashlight case allows a collar to engage the dog collar flashlight and fix the dog collar flashlight to the dog or other animal.

1459827409-0b66b4cd-45e1-4909-b809-431a57a84413

A method, apparatus, and computer implemented instructions for restricting a fan-out type search of a distributed database. The second rack components are movable via contacting against a first matched key which is inserted in a first direction. The aerogel precursor is frozen so that the dispersion is solidified, and freeze dried to sublime the dispersion medium and form the porous material. The current driving unit generates a deep power down exit mode reference voltage in response to the deep power down exit mode bias signal and a reference signal.

1459827409-34748782-2e07-40d8-85e9-e4760560167c

A shock mount device for a container includes a variable spring rate assembly coupled to a shock retainer. The present technique provides an internally mountable fluid nozzle having a fluid inlet, a fluid exit, and a converging central passageway extending substantially between the fluid inlet and the fluid exit. This method is an improvement over the current methods of drug discovery which often employs a random search through a large library of synthesized chemical compounds or biological samples for bioactivity related to a specific therapeutic use.

1459827409-5120eb95-1336-425b-bd37-17f58001e37b

Drug delivery devices, and methods of delivering pharmaceutically active agents to a target tissue within a body using such devices, are disclosed. The data communications cable also includes a jacket assembly enclosing the plurality of twisted pairs of insulated conductors and the substantially flat dielectric pair separator. The method includes needle-less injection and visualizing the ethanol injection by delivering both an echogenic agent and ethanol either by needle or needle-less injection or by providing an ultrasonically visible marker near the tip of the ethanol delivery cannula. N type diffusion rings are embedded in the inner side of the P+ type diffusion rings and are fully depleted at zero bias voltage. An average of peak-to-peak distance, an average of center line surface roughness, and an average of ten-point surface roughness on the surface with fine concavo-convex structure satisfy specified equations, and the optical diffusing layer is capable of maintaining antiglare property and screen glare simultaneously controlled, when applied to an LCD in which high definition is required.

1459827409-6b12acdf-1664-4625-affa-8ebbc80d6060

A data recovery circuit for use in a data receiving system to recover an m-bit data stream from an n-bit data stream. A porous protein matrix is at least partially anchored in the textured foreign structure, with the porous protein matrix possessing a directional pore structure. The aforementioned allows either the new storage system or the old storage system, depending on configuration, to maintain an operational remote copy function with another storage system during the online data migration.

1459827410-1ea2e6ec-bf89-4ca3-974c-1054fbf6988b

A method for manufacturing boxes made of paper or cardboard, whereby the boxes have a base or a lid with a glued-on sidewall and the sidewalls are formed from a strip with a beginning, an end, and connecting tabs on a long side. The catalyst is useful for cracking heavier hydrocarbons into lighter useful products. The blade is attached to a movable body that is coupled to a base with a resilient coupler. Internal nodes of the tree are assigned operators. Each solenoid and individual gallery is provided with a low pressure relief valve leading back to the crankcase when the solenoid supply valve is closed.

1459827410-752b8a96-9d26-4479-b7b3-2590d3cee203

A permanent magnet machine includes a plurality of reconfigurable fault condition mechanisms disposed within a stator core portion, the plurality of reconfigurable fault condition mechanisms together automatically reconfigurable to reduce fault currents and internal heat associated with the PM machine during a fault condition. The vanadium redox battery absorbs excess energy to ensure that the rating limit is not exceeded, provide system stability, and improve power generation availability. Such a mirror arrangement having a retardation effect varying as a function of location can be used to compensate undesired fluctuations in the polarization state over the cross section of an input radiation beam and/or to set specific output polarization states, for example in order to set radial or tangential polarization.

1459827410-9cc0864c-6905-4316-aaa0-a203db90b20c

A packaging system for CDs, DVDs, software disks and the like is provided which allows for media items to be displayed yet which is durable and can therefore be shipped. In a GaN semiconductor laser as one version thereof, the p-type cladding layer is made of two or more semiconductor layers different in band gap, and a part of the p-type cladding layer near one of its boundaries nearer to the active layer is made of a semiconductor layer having a large band gap than that of the remainder part. The proposed segmentation configuration outperforms existing spatial noise reducers in term of subjective and objective performances, in term of edge preservation, noise reduction in both homogenous regions or picture edges and Peak Signal to noise Ratio. The stop device may include two independently triggered, mechanical stop devices.

1459827410-ccef1b5d-9cf6-411e-bb95-4fd6b960a133

A personal alarm system can be worn or carried by the user, may be activated at any time by the user and/or may be automatically activated to send a signal to any remote monitoring station on the network. The method involves constructing compressed surrogates for documents, such that various operations may be performed without the need to retrieve a copy of the document from the Web. By contrast, when the voltage  $\sim 6$  VPS applied to the source of the MOS transistor T1 is kept approximately equal to a direct-current voltage VPD, the voltage at the node  $\sim 1$  varies on a linear basis with respect to the photoelectric current. Valuable system memory space is consequently conserved. The addition of butanol into the feed solution increases membrane selectivity. A priority factor is determined that is based on one of, for example, aircraft type, speed, and altitude, and a plurality of display state is prioritized for each of the plurality of photo realistic features in accordance with the priority factor.

1459827410-e89c580f-b1b8-4c4d-b900-8a31684bd11e

Disclosed is an instrument for use in a procedure to effect anastomosis of a patient's bladder and urethra following a prostatectomy having a tube assembly, and an end effector assembly operably supported by the tube assembly, where the end effector assembly includes an anchor for insertion into and through the patient's bladder wall and pelvic floor and an anchor guide associated therewith. The pedal body is rotatably mounted on the pedal spindle. The module has an adjustment-start-signal terminal for receiving the adjustment start signal externally supplied and



supplying the adjustment start signal to the semiconductor devices, and an adjustment-end-signal terminal for outputting a module adjustment end signal in response to adjustment end signals from the semiconductor devices.

1459827411-5f089aeb-7870-486f-a465-71a77afaf61f

This document discloses a solution where a network element of a cellular communication system detects appearance of a terminal device in the cellular communication system. In the case where the ground consists primarily of clay, it is heated to a temperature above a level where the ground is baked into a brick-like consistency, wherein the structural water of crystallisation is removed and any carbonaceous material and Fe is oxidised. If the actual link attenuation exceeds the precalculated value, the actual link attenuation is compared with the calculated attenuation in the presence of multiple missile plumes. The materials and methods are useful in the treatment of, inter alia, fibroproliferative disorders of the kidney, liver, and bone.

1459827411-6158cd66-fc7b-470b-bc4e-883a9fc0ad96

When a redundancy circuit is provided to relieve the inferiority of a semiconductor storage device, and then, the semiconductor storage device has no defect, power is inconveniently supplied even to the unused redundancy circuit to generate unnecessary leakage current. This results in a uniform lesion with a size defined by the span of the electrode array. The determination portion determines whether the driver is in a absentminded state based on the data input into the input portion.

1459827411-a63d87cb-a3d2-472b-a499-329a396743a4

In a cooling channel piston for a diesel engine with direct injection, a reduction in the compression height is achieved while keeping the output the same or increasing it. The position acquisition and/or monitoring can be performed with improved intelligence so that data acquisition, transmission and/or processing is reduced. The apparatus also includes a controller coupled to the sensor, the controller configured to determine a zero vector modulation based on the sensed frequency and torque.

1459827411-b305e888-7ae4-46c2-a9af-55bd2c0355c8

A method of making an electrically operated programmable resistance memory element. The active agents can be a peptide, mucopolysaccharide, carbohydrate, or lipid. If the measured blood sugar level is larger than a warning value, a warning is issued. The program code may attach a color designator or other assignment indicative of the assessed risk level to the data. A drain of the field-effect transistor is connected to the VCC via the second resistor. The surface roughness Ra of at least a portion of the separator contacting with an electrode is set to a range of 0.

1459827411-c3c478bf-366d-4b81-ba2a-28d5aa30a7b9

A method of hydrogenating alkyl anthraquinones and/or alkyl hydroanthraquinones to alkyl anthrahydroquinones and/or alkyl hydroanthrahydroquinones is disclosed. That database system includes a database appliance that executes a database server on a platform that includes a special purpose operating system specifically tailored to the services required by the database server. A light guide plate is disposed on the support main. The other end of the line segment either terminates in the interior of the circle or terminates on another portion of the perimeter. According to the present invention, a process for producing a dialkyl tin compound is provided that subjects a composition of the deactivated forms of the dialkyl tin catalyst, formed when producing an ester compound, to an alkyl group redistribution reaction and/or dealkylation reaction. The damper further includes filtering elements mounted in parallel with the valve, adapted to generate a filtering control pressure acting on the check valve, the control pressure depending on the pressure differential at the inlet and the outlet of the valve.

1459827412-56d51acf-5a52-43a7-bdc4-6c1067abe269

A mist generating apparatus having a casing that is divided into a storage chamber, a pump chamber, a waterwheel chamber and a mist chamber. The invention provides sellers with an irrevocable method of receiving funds from a purchaser and for improving purchaser willingness to transact with an unknown party. As a result, the mechanical actuator, which is used to actuate the valves, is thermally coupled to the heatingcooling element in order to carry out the thermocyclization. More specifically, the semantic bypassing mechanism implements a constant-voltage-keeping policy and a dynamic-voltage-allowing policy.

1459827412-8d2daf7e-0921-4a98-9e33-352ad092be1e

A bearing for storing a lubricant and supplying the lubricant to a shaft is provided. Cold water enters a copper coil immersed in the heat transfer liquid. The anode can include a first mixture having a first plurality of electrically conductive carbon-comprising particles having a first average porosity. The colorants used to form the transparent or semitransparent wood stain do not include a white colorant or black-and-white masstone.

1459827412-a32f549f-b899-44e7-bed6-bb406927f882

A particulate filter can be prevented from being damaged. The ink passage includes a narrow passage and a wide passage. After then, and the controller controls the moving speed ratio change section to return the circumferential speed ratio to the circumferential speed ratio prior to the change. A blur is applied to the low contrast areas, which stops abruptly at the edges. If the change request is not inputted prior to the user operation, the job list screen in the first array is redisplayed.

1459827413-58eb55a2-006d-453d-bed8-f0e5103ff028

A system and method for the simplification of data structures, particularly those used for wireless communications, encodes data structures for efficient storage and access. The host system configures the emulator to emulate a design under test and the emulator emulates the DUT accordingly. In a resulting chemical or physical reaction, fine pores and cavities are formed in and on the polymer coating. The DCI controllers may then correctly configure the impedance magnitude of the respective IO buffers under test, so as to test the functionality of the controlled impedance buffers for IO standards that require controlled impedance. The first set of vias are produced prior to circuitry on the die, and the second set of vias are produced after circuitry on the die.

1459827413-7df85ad1-2807-43f3-95b1-60b5cc4ab5b3

An information handling system is disclosed that retires events upon device replacement. Deletion mutants of the gp130 protein of the IL-3 receptor are presented which inhibit the binding of Hck tyrosine kinase and the growth of tumor cells, particularly of myeloma cells. The Decision Makers may assert routes and prefixes to the routers under their control.

1459827413-835ebce3-4fa3-44d5-921f-386fbc8f0ee7

A ball throwing machine for throwing projectiles, such as tennis balls or baseballs, includes a yoke assembly for projecting balls and a motor assembly for providing both nominal vertical throwing as well as oscillating vertical movement of the yoke assembly. The suction cavity includes first and second suction channels bounded on both sides by respective working edges. The volumetric diffuser contains one or more regions of volumetric light scattering particles. The platform also causes, at least in part, an association of one or more recommendations models with the user identity, the at least one communication account, the at least one device, or a combination thereof. While in the hybrid graphics mode, the DGPU performs the graphics processing, and the graphics driver transmits the rendered images from the DGPU to the IGPU local memory and, then, to the IGPU DAC. The barrier layer resides between the specular oxide layer and the capping layer.

1459827413-8c9e4bc1-c3f1-43eb-964b-c458f1c5626d

A combustor for a gas turbine engine comprises an inner annular liner and an outer annular liner. The blanket includes one or more temperature sensors and a shut-off timer to prevent prolonged exposure of excessive heat to a patient. The array antenna arrangement further comprises at least one switch, where the number of switches corresponds to the number of antenna elements in each antenna sub-array.

1459827413-ba1128ff-1a31-440c-8231-d684a4be7863

The present invention provides an adhesive tape 10 for electrically connecting a plurality of solar battery cells, which adhesive tape has a metal foil 1 and an adhesive layer 2 composed of an adhesive provided on at least one surface of the metal foil 1, and a solar battery module using the adhesive tape. The cyclophanes are able to form electron donor-acceptor complexes with a variety of polyaromatic hydrocarbons ranging in size, shape, and electron density. Bi-level or full-color video is then transmitted over the network at transmission bit rates that are controlled as a function of the estimated bandwidth conditions. The at least one protective wafer is configured to be located in the contact locating area and includes opposite end portions adapted to be matingly slid into a pair of the slots. Rings are optionally disposed between the cover layer and the body structure and circumferentially around pairs of aligned apertures and ports.

1459827414-f94d0684-5a46-4867-a185-d59250772e84

An optical signal alternately traverses a total of  $n$  couplers and  $n1$  DGD units, arranged therebetween, with a differential group delay between two signal modes. The delivery system may be used in an intravascular procedure to implant a self-expandable stent. The radio station has a control signal TXRX unit 42 which transmits/receives the control signal, and an information signal TXRX unit 43 which transmits/receives the information signal. This strategy, compared to current approaches, improves the address utilization sixfold without considerably increasing DHCP overhead. The coating comprises a mixture of chemical compounds where each constituent falls into one of six functional groups, being: 1) catalyst/initiator; 2) expandable graphite; 3) carbonific, or source of carbon which additionally forms water; 4) blowing agent; 5) cement; and, 6) ceramic. Methods for making the devices herein are disclosed.

1459827415-07a2825a-b0c9-4c4a-bebc-dc2e64191728

A planarized conductive material is formed over a substrate including narrow and wide features. According to the invention, at least one measure of the spatial size of the cell is reported to a receiver communicating with a base station, for use in location specific applications. The method exploits the fact that the processor provides enough register space to store  $N=4 \times 74$  set of 8 bits data. A corresponding apparatus is also disclosed herein. Control parameters are determined according to control characteristic parameters set in a function calculation section 6, inertia moments  $J1$ ,  $J2$  of the engine and the dynamometer, and spring rigidity  $K12$  of the coupling shaft. The sensor support structures are designed to monitor structure conditions, including strain, temperature, and in the instance of pipelines, the existence of production slugs.

1459827415-0cbf15c2-0985-4d9e-8efc-9de5d0bf7e0e

The cell-delivery unit of a high-throughput electrophysiological testing system is implemented as a reusable movable unit suitable for repetitive delivery of cells to a disposable, multi-aperture patch-clamp tray. A character discrimination section executes character recognition such that a condition for character discrimination is relaxed when the white background determination section determines that a pixel of interest belongs to a white background, and the condition for character discrimination is made stricter in other cases. The apparatus includes a serial-to-parallel converter, a Fast Fourier transformer, a parallel-to-serial converter, a despreading processor, a channel estimator, a signal combiner and a decoder. To

generate the phase matched signal, PR may use a clock signal provided by a single side band oscillator, CMU, or a clock signal having substantially the same level of jitter as that of the input signal to generate the phase matched signal. According to one embodiment, a method comprises determining performance data for at least one aborted client access of information from a server in a client-server network, and using the performance data to determine whether the aborted client access relate to the quality of service provided to a client by the server. Filters are provided for pre-filtering the amplifier input signals in such a way that the signals meeting at the output of the main amplifier have essentially the same frequency dependence.

1459827415-4166d0d5-40ef-41cc-85be-55298c9c9698

A liquid discharging apparatus includes a head that discharges a liquid onto a medium, a medium supporting portion that supports the medium, a heater that heats the medium supported by the medium supporting portion, and a detecting unit that performs sensing and detects energy. The swinging member can comprise a molding surface defining an undercut portion of a molded item. Thus, it is possible to easily and promptly extract, from image data, a feature point that allows specifying the image data appropriately.

1459827415-425e24ad-8989-4b30-8f9d-9c42295043f4

The present invention enables a home network operator to control roaming of its subscribers. The spray arms are mounted pendulum-type from an overhead pivotal support to move in unison between angular displacement positions thereby to follow the wheels of the vehicle being washed for a considerable linear distance to increase the effectiveness of the wheel cleaning operation. Those compounds which are agonists are additionally useful for treating pain. A section of the workload is identified and marked for static analysis.

1459827415-db56723b-73c7-49db-b3b5-413155679cd2

A method of making a composite article includes providing an elastomeric composition with a blowing agent having an activation temperature and providing at least one structural member defining a fixed gap. Each fire suppression unit includes an identifier so that each unit is identified and correlated with its container. A list is accessed, comprising the identification and a string in the second language.

1459827416-a0778b0f-9af7-47e8-95a5-c1225434545b

A drilling apparatus comprised of a multiplicity of subassemblies for drilling an open-hole extension from within an existing cased borehole located in a geological formation for the production of oil and gas. A key request including at least one of a drive serial number and a world wide node name is received from a data storage drive. Real time nucleic acid detection allows for the qualitative or quantitative detection or determination of single-stranded or double-stranded nucleic acids of interest in a sample.

1459827417-034329b9-5c5c-4495-be1c-e1cbbfc80df5

The present disclosure includes memory devices and methods of operating the same. The needleless injection device and method of the present invention utilizes rapid, high pressure injection bursts to completely and uniformly inject the food subject, allowing different food subjects or different food additives to be sequentially injected in an efficient and instant manner. In general, the system includes a catheter member having a proximal end, a distal end, and an inner lumen extending therethrough, and a structural support adapted to fit within an interstitial space in load bearing portion of a patient's body and having an internal space for removably receiving the distal end of the catheter member. The server in the server farm authenticates the requesting server responsive to the received Kerberos service ticket and the Kerberos authenticator and a generated hash.

1459827417-96a70552-9064-4f9d-be8a-17e680bfaef8

A hybrid gearsprocket-based transmission is provided for driving a pair of coaxial, counter-rotating propellers in aircraft and airboats. At least one handle is provided for guiding the power tool in operation. The chemesthetic agent is disposed within the porous medium and activates a TRP channel. An insulative barrier layer is disposed between the laminated free layer and the magnetic reference layer structure. The invention also relates to utilization of steroids based on the gonatriene molecular skeleton in order to treat estrogen deficiency-induced diseases and disorders, in addition to the use of said gonatriene structural component in the total structure of compounds which dissociate to produce enhanced estrogen activity in bone as compared to the uterus. The protrusion, the recess, and the first supply port are disposed along a virtual curve between the pair of guiding members.

1459827417-992b3d2b-3ae1-4753-958b-0d9518789d54

A flexible wiring cable 60 connects a recording head 7 and a relay board, and includes COF 62 for connecting an output side wiring pattern of an IC chip 61 to the recording head 7, and general purpose FFC 63 formed with a parallel wiring pattern. In another aspect, the first pump is coupled to a first probe for extracting fluid from the formation and the second pump is coupled to a second probe for extracting the fluid from the formation. Translating the tissue expansion device through the expansible sheath expands the dimension of the shells to provide even dilation of surrounding tissue. Its novelty consist of the following combination of desirable features: It provides and uses a precursor polymer of formula below: in which n is a whole number, R1 and R2, identical or different, represent independently an alkyl group, and R3 represents an amino group, a hydrogen atom, an alkyl, a cycloalkyl or a boryl.

1459827418-56ec8d4a-5ca4-4458-b3f7-1c8b0550cd32

The invention described herein relates to certain pyrimidinetrione N-substituted glycine derivatives of formula which are antagonists of HIF prolyl hydroxylases and are useful for treating diseases benefiting from the inhibition of this enzyme, anemia being one example. One method includes sending video data corresponding to a video test pattern to an input port of a video data path; receiving video data at an output port of the video data path; and calculating a function of at least the active part of the received video data. The receiver further includes a tube section coupled to a second end of the body.

1459827418-58e09d58-8373-4423-804e-427ed777cb80

A pixel cell having a substrate, photo-conversion device, and at least one dielectric layer over the photo-conversion device. A cloud controller receives a request from a user to configure a virtual machine with a designated CPU capacity. The image signals outputted from the image pickup device and the image signals stored in a first memory are synthesized depending on the flicker detection result. A second throwing ring is also projected from behind the throwing line toward the playing field and into one of the playing zones.

1459827419-2804247e-5b10-4d4a-aa99-90f2cc782852

A method and device for marking trim miters for a bull-nose corner is provided. The pixel data is received in a data stream and compressed into a compressed data format by identifying a run of consecutive bytes of the data stream based on the similarity of the consecutive data bytes in the data stream. Before lowering a voltage applied to the unselected word line from the second voltage to a third voltage smaller than the second voltage, it lowers a voltage applied to the selected word line from the first voltage to a fourth voltage smaller than the first voltage.

1459827419-61142b4d-aa99-43c7-bd05-c7df65e93240

Provided is an HPA apparatus for a TDD wireless communication system. The first layer comprises a power line, a first transistor coupled to the power line, a

second transistor coupled to the power line, and a first line coupling the first transistor and the second transistor. The signal element can be activated so as to assist an operator in following a predefinable processing sequence including a second specimen slide unit when the RFID tag is in a range of action of the readwrite device.

1459827420-9cc01637-5ca5-4cab-b511-998bc50917f1

The present disclosure relates to a mobile terminal, a server and a calling method based on a cloud contact list. The apparatus includes a buffer store for buffer-storing a sequence of n sequentially received data symbols. This high-purity gas for plasma reaction can be produced by a process of distilling crude octafluorocyclopentene in an inert gas of group 0, or a process of distilling crude octafluorocyclopentene into a purity of at least 99. With linearization, it is possible to expand the measurement range of the gas flow in one duct.

1459827420-fcdd45ec-40cf-4569-bf7f-ed6f64129a6b

Methods and systems for use in connection with an asymmetrical digital subscriber line system being available to provide voice service and data service to the customer's premises. A crawler system processes multiple jobs that each correspond to crawling documents in the data storage system. The coupling further comprises an external ring having an internal thread for threading the external ring onto the externally threaded portion of the collar.

1459827421-047a5ab7-dfae-4a19-b144-7744e70452e2

A method and apparatus intuitively to administer all components of a networked computer system by use of real multi-dimensional views of any component or any set of components, including components related to a specific business interest, and with customizable and fully extensible functionality, across heterogenous platforms and applications. Control circuitry, and a position sensing device configured to determine the distance between the focal spot and a reference point related to the x-ray device, are coupled with a control module. Furthermore, the detection of the state of a 10 kV power line may realize real-time monitoring of the temperature, insulating level and change of voltage and current of a 10 kV aerial line and cable line, and realize alarm for an abnormal state and fault information report, so as to rapidly identify, position, isolate and recover the fault. Furthermore, at least one beta aperture weighting value for the at least one beta detection value of a group is approximately determined using the at least one alpha aperture weighting value of the group. Two such LED arrays are connected to electrodes in inverse parallel. A modular system can be readily adapted to different foodstuffs.

1459827421-0dac9070-b0d9-4c41-84d6-1f0fb92670c4

An x-ray film holder is provided to attach to a dental simulation model and to support an x-ray film. The downloadable pluggable services may correspond to communication services that can be downloaded to upgrade a communication system. In one embodiment, a common voltage offset may be applied to the second common voltage such that the magnitude of the voltage kickback error is approximately equalized at the maximum and minimum pixel voltages for pixels coupled to the second common voltage. However, other embodiments in which a control process controls a plurality of components are also contemplated. Other embodiments are disclosed.

1459827422-00055775-075d-449c-b149-4c36288cce7c

A counterpoise device for cantilevering at least one cylinder of a printing press has a movable counterpoise element for selectively contacting the cylinder and a stationary mount. Peripheral seats in the form of grooves, are provided in register in peripheral slide surfaces of respectively the cover portion and the body forming the spigot-socket combination. The seat back is rotatable relative to the frame between a back support position and a travel seat support position where the seat back is substantially parallel to and above the seat base when the stroller is in an operating position. The cooling tubule is connected to a cooling tubing of the

cooling system and a fluid driven by a pump circulates in the cooling tubing and the cooling tubule for heat dissipation. The controller provides the control signal based on the relative values of the reference voltage and the measurement voltage.

1459827422-36c7281f-c887-4c6d-ae10-4f7b681c3c3d

This process substantially reduces the time and effort required in analysis of recorded cardioangiograms. The mobile communications system also predicts the movement of users and provides seamless services based on the predictions. To do this, the stub length of each CRLH unit cell can be varied. The structural support members may include frame members and walls interchangeable with one another. A yoke can have an inferior portion and superior portion, the superior portion having an axle that comprises a second hinge portion.

1459827422-5bb61b55-e26f-417f-8c07-cd495f88f04f

A semiconductor integrated circuit device includes a semiconductor chip, a memory cell array arranged on the semiconductor chip and first and second decoder strings arranged along both ends of the memory cell array. The method comprises the steps of: providing an elastically deformable pad having a contact surface for sealing engagement with an ink ejection face of the printhead; and moving the pad from a first position in which the contact surface is sealingly engaged with the face to a second position in which the contact surface is disengaged from the face. The device comprises at least one sensor for measuring the displacement. The support member has a recess formed along one side and is configured to receive a bottom tab of the beverage container holders. A duct portion, that communicates an interior of the heat insulator and a space between the cooling unit and the cooling fan, is provided at this heat insulator.

1459827423-2d6322c3-60cd-4ff8-87ce-4755f78c9b84

In a variable compression ratio mechanism that serves to change the compression ratio of an internal combustion engine by rotating camshafts so as to cause relative movement between a cylinder block and a crankcase, an oil film forming device forms oil films on the sliding portions of camshafts. The second substrate includes only a single well in the second memory cell region, the single well of the second memory cell region comprising a semiconducting material doped with impurity of one of a first type and second type. Each of the most populous colors of each partition of the target image is associated with a color in a corresponding partition of the reference image that is closest to the target image color. The system selects the preferred translation and transmits at least the preferred translation to the recipient via the recipient's preferred mode of communication.

1459827423-62378268-14fe-4ebd-a08f-c490b761bd22

A highly portable solar UV disinfection and water storage container with a uniquely traceable security seal that passively indicates by means of a permanent photochromic color change the efficacy of the UV disinfection process performed upon the drinking water within the sealed container. Customer demand information and management parameters are entered into a software system. To provide an even stiffer mirror with minimum weight, either or both of the hinge plate and balancing plate may also include perimeter ridges that align with the perimeter ridges of the mirror layer. The patient end is exteriorly lined with a layer of soft cushioning material such as a soft thermoplastic elastomers, styrene based polymers, rubber or a porous polymer foam material to define an aspirator tip that protects the soft tissues in and around the mouth of a patient.

1459827423-62d71f50-53ac-4a09-8977-3ceae1aebfe4

A manually controlled sensor for authenticity identification of luminescent identification features on documents is described, in which the identification feature is illuminated with an excitation wavelength and may respond at a different wavelength, with the response wavelength being detected and evaluated by a radiation receiver. A dielectric is disposed between the electrodes. The coupling

ring is arranged so as to be rotatable with limited travel about the base of the shaft between a first angle  $\alpha_1$ , which corresponds to a folded-out position, and a second angle  $\alpha_2$ . A flexible cable extends from the back side of the mirror to the front side of the mirror and provides electronic communication from the electronic housing to the digital display. The facility identifies as most relevant those items having the highest ranking values. The mechanical securing means applies clamping force that acts between the first and second opposing socket portions and secures the coupler therebetween in fixed orientation with one of the faceted socket portion.

1459827423-bb446370-a684-440a-9282-bbb9076636d2

Embodiments of the invention relate to integrated chemiluminescence devices and methods for monitoring molecular binding utilizing these devices and methods. The profile contains a software development history of the software developer. The present invention has backward compatibility and can obtain frequency diversity again.

1459827424-065bd47b-fc06-419d-89a3-6bbc300e9915

Microbe-resistant medical devices and methods of making these medical devices are provided. The aim of concealment is to find the most suitable parameters for the bad frame so that subjective quality of the synthesized speech is as high as possible. A voltage difference across the first and second electrodes alters a geometric dimension of the piezoelectric layer such that physical force is applied to the core and a resonant optical frequency of the resonator is changed.

1459827424-3e351edc-df33-4306-8e45-3336809dc45c

Process for the preparation of a catalytic specie consisting essentially of a metallic support, which is coated with a ceramic active phase layer, mainly compound of the general formula  $R_xNiyMg_lAl_m2z+kH_2O$ , wherein  $An$  is mainly a silicate or a polysilicate anion;  $0 \leq x \leq 2$ . A lid assembly is positioned to contact each dough portion. Physical data comprises auditory data, language data, visual data, motion data, and sensory data, and each element of the at least one first memory segment is identified as auditory data, language data, visual data, motion data, or sensory data. Some embodiments provide functionality, including generation and handling of clone controls, use of virtual sequencer controls as slave and/or translation controls, and handling of after-click control information through a virtual synthesizers and the like.

1459827424-929fe7ee-627b-4d54-892c-2fee9aa0630b

A method and apparatus for ameliorating high-field image distortion in magnetic resonance imaging of tissue. The light projecting means includes a substantially dome-shaped structure incorporating a plurality of light elements for producing and projecting the light. In some embodiments, the constraints include mathematical expressions that express timing requirements. Because the chemistry does not attack the bond pad layer, the bond pad layer's thickness is not decreased and thus, reliability of the bond pad is maintained. The protection element is configured to disconnect power to the contact detector when a current to the contact detector is detected above a threshold. The method includes executing a circuit simulator for designing an integrated circuit that contains at least one of a plurality of DRAM cells.

1459827424-ca7e8afe-644b-498b-b703-664b697eb08e

This invention provides polymer filaments having a multilobal cross-section. The panel mount features a generally rigid panel that is attachable to the building. The first phosphor may be an orange emitting  $\text{Eu}^{2+}$ ,  $\text{Mn}^{2+}$  activated strontium pyrophosphate,  $\text{Sr}_2\text{P}_2\text{O}_7:\text{Eu}^{2+}$ ,  $\text{Mn}^{2+}$ . The capacitor is mounted on the inner surface of the circuit board and has two leads.

1459827425-13c887da-e4c2-4582-9259-54c73ec3d72f



The present invention relates to novel derivatives, processes for preparing them, pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine-1-phosphate receptors. The swirler features 40, 50 are located within stationary housing components 34, 44 such that the coolant air is propelled at substantially the same rotational speed as the disc 32, 42 whilst presentation of the coolant air flow A, C, E is such that hot air displacement is achieved at least adjacent front faces 36, 46 of blade roots 33, 43. The sheaths provide acoustic enhancing and aspiration enhancing properties, and/or can be used as surgical tools or as medical access devices, protecting tissue from physical contact with the probe. The calculations of a) and b) are repeated to obtain multiple arrays.

1459827425-35f02faa-0cc9-482f-801f-24f47390359f

A toner system according to one example includes a developer unit and a toner cartridge. Treated water may be provided for domestic use wherein the water may be treated by removing selected dissolved species while retaining properties that may improve the properties or aesthetics of the water. The database includes records arranged in a predetermined manner. The second two-link hinge unit is provided between the base unit and the supporting unit for allowing revolution of the display device around an imaginary axis defined in a horizontal direction of display device. The functionality can then allow the candidate device to communicate with the communication system, via the master device, using the master account.

1459827425-7aff6edc-5e60-4de0-8534-d95d61204b5a

Spinal implants and methods of extending pre-existing spinal implant constructs. The managing platform uses the transaction data contained in the transaction message and other information to determine whether the transaction satisfies one or more payment rules previously established by the cardholder. In another embodiment, the assembly further includes a control system that controls the backwash system and the agitation system. The configuration is such that the shortest track travel time using the fine actuator is larger than the inverse number of the local maximum of a flying-height fluctuation frequency of the suspension by the fine actuator.

1459827426-0553a334-0af9-4b8e-9c3b-ccd23a8e4342

The present invention relates to novel carboxamide compounds and their use for the manufacture of a medicament. The system acquires a mapping data and a current location of the bipedal robot via a Global Positioning System, determines a route on the mapping data, and directs movement of the bipedal robot until it reaches a preset destination. The provider generates a token unlock key based at least in part on the derived key and sends it to the token. Furthermore, according to the present invention, the controller which controls the mobile communication function need not control the multimedia processor which controls the multimedia function. The first signal trace includes a number of wave crests and wave troughs.

1459827426-9b5f2d93-9181-42f3-b78c-32b6f2cd79df

Between network node apparatuses that operate as a duplex system, when a failure occurs in an information processing unit of one system, the service is maintained and continued in an information processing unit of the other system without interruption of the service. If the security system is authorized to send an encrypted copy of the decryption key, it encrypts the decryption key and propagates the encrypted copy of the decryption key. The widths of the first and/or last pulses of the write pulse waveform are varied in accordance with the magnitude of the present mark of input NRZI data and the magnitude of the leading and/or trailing spaces, thereby minimizing jitter to enhance system reliability and performance. The apparatus further comprises a channel region formed on a surface of the diffusion barrier.

1459827426-bf149cad-6da6-4cfc-851e-540514de1806

There is disclosed a notification method in a communication system of notifying specific multifunctionality information between terminal stations. The wireless device includes a short-range transceiver for communicating with an auxiliary device; a signal module for providing a mode control signal; and, a control module for controllably shifting a short-range transceiver between a power saver mode and a search mode based on the mode control signal received from the signal module. Another aspect includes determining that the first callee function of the first function call does not require a TOC pointer based on the first TOC register usage indicator that is associated with the first callee function in the symbol table. Communication nodes comprise all-optical devices for inserting, into the core fiber, optical signals sent by a sending access node connected to the communication nodes. This has the effect of minimizing non-linearity and hysteresis in these devices during their subsequent operation. The method includes driving the energy generation unit, and then connecting a tip portion of the liquid discharged from the discharge port to the liquid at the discharge port via at least two liquid columns, and cutting the at least two liquid columns to separate the tip portion of the liquid from the liquid at the discharge port.

1459827426-d36de566-6644-4b82-ab91-1793ea5f3818

An arrangement of a disk spring at a piston of a shifting element in which the fingers of the disk spring protrude through crests in the housing and abut against a sheet metal sleeve which is held in the housing of the shifting element. The computing device includes a connector port and a near field communication transceiver to identify a connector approaching the connector port. The floating bracket is rigidly fixed to a point on the vehicle. The stop element bears against a side of the support wall when the fixing element is locked to the support wall. A disclosed system to install a disposable curtain includes: a washable mesh upper curtain; an installation bag structured to be suspended from an installer during installation; a disposable curtain located in the installation bag; and a plurality of connectors to removably suspend the disposable curtain from the upper curtain.

1459827427-227f4a06-44c5-4513-b88b-bc97648fb94a

A method for operating a railroad engine, comprising: using a lubricating oil in the railroad engine, wherein the lubricating oil has: a) less than 100 ppm zinc; b) a cold cranking simulator viscosity at  $-22^{\circ}\text{C}$ . An external shape of each of structures is acquired from already acquired two-dimensional map data and a height is acquired using a photograph in which structures described in the two-dimensional map data are imaged. Additionally, features described herein relate to customized and/or dynamic generation of a 3D stream based on a user device and/or user preferences. The sensor is coupled to the switchable polarizer and senses the images on the projection screen. The device comprises a vacuum blood-drawing tube accommodating a blood-filtering unit, wherein the vacuum tube contains a space above the blood-filtering unit to preserve blood to be filtered and a partition wall under the blood-filtering unit to keep a backspace at reduced pressure, and the blood-filtering unit contains a communicating needle to break the partition wall at the bottom. A write protect controller controls the multiplexer to output the write protect signal when an address of a write protect area in the cell array matches an address of the write data.

1459827427-b51c7cb0-e7bd-4227-b6b2-aeb8e04110e5

A tool to hold objects by suction includes a glue free gasket structure on its handling surface. The non volatile memory stores an error handling routine. When the magnitude of the potential of all Coulomb islands is decreased, the separation decreases from the second distance to the first distance. A plurality of thin semiconductor channel elements are formed by etching a plurality of spaced gate slots to a first predetermined depth into the substrate. Furthermore, any such off-gassing under load will not increase the gas pressure in the first chamber containing the flywheel as it is separate from the secondary chamber containing the

bearings. The memory circuit is configured to be read and written responsive to the logic circuit even if the first supply voltage is less than the second supply voltage during use.

1459827428-2826e091-8e0d-4751-9fa0-aab3a8e75d36

An electronic component can package structure with a can case having an elliptically-shaped cavity in a state before it is fitted with a supporting base portion of a stem. In typical embodiments, mapping a domain name to a network address for a preferred DNS server is carried out by storing, through the data communication application, the domain name in association with the network address for a preferred DNS server in a data structure in computer memory. In another particular embodiment, the method may further include sending display data to the display device, where the display data indicates that the call has been placed to the contact.

1459827428-5dea9cee-f4d9-449b-b72e-ccc2f2986d9d

A roller frame including at least two rollers mounted in a housing between which a nip can be formed. The introduced meshing is then pressed against the inner wall of the pipe by altering the geometrical arrangement of the high performance fibers with relation to each other and then fixed by the mutual arrangement of the high performance fibers adopted after the laying thereof. A measurement read circuit is connected to the stator coil for determining one or both of the frequency of the induced signal and the amplitude of the induced signal. The power system includes at least one power generating device stored in the body and removable from the body.

1459827428-633bf543-3344-4b98-ba7d-4289a31bfc17

A tool for removing plugs from recesses obviates the need for a twist of the wrist in engaging a plug for removal. A frequency measuring device is also provided for constantly measuring the frequency of the mechanical output of the transducer. A printed circuit board subassembly includes first and second printed circuit boards with an interconnection therebetween to couple to an electrical connector on the first. The pretreatment process preferably includes a copper strike applied from a copper cyanide strike bath at a pH in the range of 8. A separate plate 5 is disposed between the interconnect plate 2 and the control valve 6. The voltage drive profile is arranged to comprise an activating voltage component to initiate an injection event and a deactivating voltage component to terminate the injection event, the activating and deactivating voltage components being separated by a time interval TON.

1459827428-81e5860b-d0c7-4502-b6cc-b2ca8111c7a0

A system suited to self-troubleshooting includes a processor which identifies normalized forms of at least some of the words of a natural language user query input by a user. The method includes generating a two bit sequences from separate bit sequence generators using the same controlling pattern. The number of wedges required for the slot is displayed on a display device. Because the chemistry does not attack the bond pad layer, the bond pad layer's thickness is not decreased and thus, reliability of the bond pad is maintained.

1459827428-cf10515b-3920-4132-9c6c-f946b8a964c0

A phase-change memory cell may be formed with a carbon-containing interfacial layer that heats a phase-change material. The high-pass filter includes M taps to filter precursor intersymbol interference, one main tap and N taps to filter postcursor ISI. Furthermore, a passivation layer is provided, which covers the top side and the edge sides of the intermediate layer whilst leaving the chip contact area free. When encrypting a new data piece that is smaller than the unit length, the encryption apparatus generates encrypted data by adding the new data piece to an unused area within the encryption area with reference to the management information.

1459827428-d939d06b-2ee6-46c5-a66d-c42351068358

A cellular telephone casing, for enclosing and protecting a cellular telephone without interfering with the normal functionality of the cellular telephone, the casing having walls made of vinyl covered foam which define an interior volume for fully enclosing the cellular telephone in a substantially waterproof protective covering. The two ends of the belt are respectively connected to the first housing and the third housing, which can be buckled together quickly. In the table magnifier, the focus length of the lens unit is adjustable by controlling the length of the arm unit.

1459827429-0d6a2ba7-505d-4c27-b563-8a89b6959d62

A handle assembly for a network protector where the network protector includes a circuit breaker and a housing assembly, the circuit breaker having a trip bar structured to move between a first position and a second position corresponding to an open and closed position of the circuit breaker, respectively, the housing assembly having a sidewall with an opening. More particularly, the invention is directed to a co-fire process for fabricating, or laminating, thick film structures to one another by printing a conductor layer between two thick film circuits, drying the layer, and co-firing the combined structure. A target electrode placed apart from the substrate, the target electrode being biased relative to the substrate with a first bias voltage to ionize the atomic species in proximity to the free-standing tips and attract the ionized atomic species from the substrate in the direction of the target electrode. A priority selector generates assignment signal to assign the at least one resource unit to the at least one of the P threads according to the P priority codes.

1459827429-5b3d6280-41f7-4723-b9d1-62fe403f2bca

A memo block base and container is composed by a memo block base and a container. When a change occurs in a storage device that configures the system, setting of the threshold suited to the change of the system configuration as well as selection and allocation of the volume based on a newly set threshold are enabled by automatically updating the volume management table. Further, the demand control unit is connected to the multiple air conditioners and communicates with the multiple air conditioners using a serial data communication protocol. The system generally comprises a remote PPP server, a CPE including a management port adapted to send requests for connection to the PPP server and to receive data downloaded from the PPP server, and a temporary management ATM virtual circuit between the PPP server and the management port of the CPE. A method includes: determining a weight for each of a plurality of duplicate files based on parameters associated with a respective storage device of each of the plurality of duplicate files; and designating one of the plurality of duplicate files as a master copy based on the determined weight. The opposing channel guides are secured about an opening in the kennel wall, and at least one cable is used to pull the sliding door between open and closed positions.

1459827429-5d95b809-367b-4e40-af28-b3936cfe5c2a

A plating apparatus and a plating liquid removing method removes a plating liquid remaining on a substrate-contacting portion, or portions in its vicinity, of a substrate holding member. The tether has a given length such that, during a practice stroke, the user's elbow is bent at a substantially 90° angle and the user's wrist is fixed in an upwardly-extending, wrist-locked position. The through silicon vias may be located in the edges and/or corners of the semiconductor die.

1459827429-72f3d2a9-7f64-4eb9-9725-e8306777a801

A fluid delivery system includes a flow control device and a Coriolis mass flowmeter in fluid communication with the flow control device. The method includes issuing an instruction into a first instance and a second instance of a vector execution unit. A spectrum certificate may be issued to the spectrum user system,

where the spectrum certificate contains at least one spectrum-related variable under which the spectrum user system is to engage in wireless communications.

1459827429-d6717e18-e00c-4505-b4c8-cab2cb6f80ee

A golf club head having a hollow portion is partly or entirely provided with a PCCP structure excluding its face portion. A digital signal processor interface to the drive electronics of the CD drive, a dynamic random access memory controller, an error correction code data corrector, an error detection and correction device employing cyclical redundancy checking techniques, and a host computer interface are described. The apices of the three loops define a plane. The present invention also teaches methods for the synthesis, characterization and application of the disclosed copolymers.

1459827430-60b1528a-05a0-457f-9867-0f3836237e84

A resonant converter comprises first and second input terminals to connect a voltage source. The resulting masonry block has features that provide the masonry block with a weathered appearance. Subsequent to the flip-chip bonding, a growth substrate is removed. The beam assembly can be used as a bed divider, to provide two-tier loading, and as a ladder rack.

1459827430-61323ff5-47e9-432a-9b1e-6ae3f244e46c

Disclosed herein are representative embodiments of methods, apparatus, and systems for distributing a resource using a resource allocation system. First and second PCIe connectors output a first detection signal when each of the first and second PCIe connectors receives a PCIe card. The keyboard further comprises of a set of keys attached to one of the plurality of surfaces of the platform. Airbags may be adjusted beneath the transfer sheet to form channels.

1459827430-c6734da3-d8e9-45cd-a29b-15279bd63e04

Methods and apparatus are provided for an energy attenuating seat assembly with multi-axis energy attenuation. The first directions are different from the second directions. A vehicle headlamp lighting system is provided with an array of LEDs with rows and columns, and each LED positioned at a row and column intersection. Successive browse commands causes this behavior to repeat allowing a user to cycle through each of the open windows. The plurality of stacked flexible members are configured to bend when a threshold force is applied to the beam, provided the plurality of stacked flexible members are in an unlocked relationship. The capacitor may be coupled to an RF ground connection, and the value of the capacitor may be selected to resonate with the value of the RF ground connection inductance in order to provide gain enhancement at a selected operating frequency range.

1459827430-e3986ea6-0a3d-40cb-8b3d-0b2927d8e5d7

A method and apparatus for steering saw blades which includes an arbor rotatable about a rotation axis. The end-nozzles may thus be positioned adjacent to the walls of the cavity. The failure domain of the first front end LUN is determined. The model information includes model ID for identifying models and user interface information for describing models. A molded product prepared using the polypropylene resin composition of the present invention has matt properties, do not cause odor due to their excellent VOC adsorption capabilities, and have excellent properties such as low temperature impact resistance, scratch resistance, etc.

1459827431-04175ba4-cc96-4755-b6ed-3eb2768366a9

One aspect according to the present invention includes a battery pack and a shock absorbing device interposed between a battery cell holder and a case body and capable of keeping the battery cell holder and the battery cells not to directly contact with an inner surface of the case body. Upon engagement of the start clutch, the rotation of the drive member is accelerated by the speed-increasing planetary gear and then transmitted to an input shaft that is directly connected to

a ring gear. Natural bone offers significantly better image contrast over radiopaque replicas. When the bezel engages the housing, the wall of the bezel is inserted in the slot of the brace and releasably held by a spring that engages both the brace and the wall. EMIP is utilized as a backbone network to provide mobility and service management and interconnection to external networks.

1459827431-2ab11ede-0085-469d-a66d-ee9f852a3d2d

A take off ground effects compensated angle of attack system includes a radio altimeter and/or timer, a pitch angle system and a flight control computer. Specifically, the method involves administering to an individual a composition comprising carotenoids, vitamin E, vitamin D, vitamin C, thiamine, riboflavin, niacin, folic acid, pyridoxine, biotin, pantothenic acid, cobalamin, magnesium, manganese, zinc, selenium, chromium, copper, alpha lipoic acid, and lutein, wherein the composition is free of added iron. The micro-lens holder is initially to the light source to substantially optimize coupling of light into the input aperture of the optical fiber.

1459827431-2bff00d8-58bb-4ee4-9746-19d223742f62

One or more sensors mounted on a railcar sense the effect of weight of the railcar and transmit the data, for example via a communication link, to a user for storage and feedback where needed. The syringe carrier includes at least one rearward facing abutment member to abut at least one forward facing surface on a syringe. A registration device executes a validation testing of a calibration matrix associated with a spatial relationship between the image volumes and the position sensor. The notification can be sent automatically and/or sent a period of time after the e-mail is sent if an acknowledgment or reply is not received.

1459827431-331ccc4e-89c5-4c99-8fad-4997c2d5736b

A regular edition video of a video title is split into shots or scenes with time codes, and provided information, which is the semantic evaluation of the story, is added to the respective scenes to organize the scene score. The monitoring device adapted to handle a series of phase angle differences between a monitored current and a monitored voltage and establish a baseline phase angle difference after the network protector closes to connect the monitored transformer to a distribution network. A seal sub having metal-to-metal and/or elastomeric seals engages the top end of the production tubing and protects the tubing hanger body from contact with production fluid flowing from the production tubing below to a Christmas tree tubing above. Ranking mechanism facilitates in determining the quality of wireless channels, and the Acknowledgement mechanism facilitates in coordination of the transmissions in the system. Lb represents a single bond or the like, R1 and R2 each represent an alkyl group or the like, o and p each represent 0 to 3 or the like, X represents an oxygen atom or the like, and R3, R4 and R5 each represent an alkyl group or the like.

1459827431-6d60c6f8-3281-4d8c-b3d2-7ce61153d7d1

A transmitting apparatus includes a rate adjusting unit, a changing unit, a buffer control unit, and a transmitting unit. The tubing hanger has a side stem port formed through its body intermediate its upper and lower ends providing access to the central bore of the hanger and being aligned with the housing stem port. The storage device is nonvolatile.

1459827431-6e033213-0405-432a-b4e8-bcaa6f17cc1a

A control apparatus is provided for use in an electric vehicle having a throttle input device. The method further includes interpreting environmental variables, and interpreting probability distributions for each of the environmental variables that is uncertain. Sheet discharge roller pairs are disposed generally downstream from the grooves.

1459827432-02544c0c-77cb-42d0-8b14-e94236c435bf

Systems and methods of providing error tolerant robust simplex wireless data for systems employing time correlated data transfer are provided. 1 standard test access port interface and an additional Off-Chip TAP interface. The is stored by storing portions of the file each on a different storage node.

1459827432-86d4f0c5-18a5-4c22-ade3-a18b16b7fb01

A composite electrical connector assembly includes a housing, a shield, and an electrical contact. The submerging member can include an extension communicating with the intake. The codec may include circuits for partitioning the image data into fixed-size blocks of image data and compressing the image data in each fixed-size block based on the image content in that block using a logarithm-based quantization of selected transform coefficients.

1459827432-b164e9f9-0629-417f-a7c4-9d8ac953eb46

A vibration sounder includes an enclosure having a receiving space, a stator received in the receiving space and a conductive terminal. The simulation system simulates reservoir storages of consecutive time units of hydrological years based on initially assigned reservoir storages and corresponding reservoir hydrological data, and makes statistical data sets of corresponding relationship among the reservoir storages, water shortage parameters and probabilities. In locations for shielding TFTs, a high pixel aperture ratio is realized by forming a color filter, formed on an opposing substrate.

1459827432-c9cf5a50-04e5-40d1-b464-288b977b2e29

A medical instrument, or collection instrument, for collecting foreign material, such as calculuses and clips that have fallen in the abdominal cavity, is disclosed. The ferromagnetic semiconductor layers form heterojunctions directly on the source and drain of a regular field effect transistor. The second substrate includes a common electrode having a main common electrode arranged above the gate line and extending in the first direction. In particular system comprising directed control net comprising data containers and functionality codes search module for searching functionalities within directed control net by identifying input, and matching identified input with functionality code according to the directed control net structure for generating a group of identified functionalities. Other aspects of the invention provide a compression ignition engine for use in the method, and method of using the engine to combust fuels.

1459827432-ed296826-7a46-48fb-854a-769eded87a54

A method and apparatus for identifying a component failure within a thermal regenerator operates as follows. The photo detection unit is configured to generate a light current based on a received light reflected from a subject, the received light including an ambient light component. A second permeation unit is supplied by the non-permeate produced by the first unit.

1459827433-4cf88c10-6945-4f8c-87bb-6812a7d7f3d7

A method and system are disclosed for refreshing a memory module. Programmable correction values are employed to increase the accuracy of each binary-weighted planar electrode. The pressure-sensitive adhesive force of each pressure-sensitive adhesive material 8 is weak to such a degree that the pressure-sensitive adhesive material 8 becomes detached by a contraction force of each buffer material 7. A language interpretation telephone call is received at the language interpretation service provider from a caller speaking a first language.

1459827433-5483b0a4-4cf8-452a-9aa4-6e37540b22b4

The invention relates to a system which allows information to be transmitted from one or a number of utility providers to one of a number of customers, and vice versa. The laminated structure includes at least two wiring layers and an insulating layer interposed between them. A translation between these character sets and/or languages can be performed by examining the use of terms in aligned

text.

1459827433-bd36ec58-18e7-4dfa-967b-dc911ee026ab

Peptides have been discovered which are capable of binding to and internalizing with the human transferrin receptor. Provided is a nonlead glass for covering an electrode, which comprises, in mol %, B<sub>2</sub>O<sub>3</sub> 25-65%, SiO<sub>2</sub> 2-38%, MgO 2-30%, MgO+CaO+SrO+BaO 5-45%, Li<sub>2</sub>O+Na<sub>2</sub>O+K<sub>2</sub>O 2-25%, Al<sub>2</sub>O<sub>3</sub> 0-30, TiO 0-10% and ZnO 0-15%. The synchronization is carried out by first using a coarse synchronization which takes less power, and subsequently carrying out a fine synchronization to make a fine sync of all the pods on the Web. A merged document object model built from the refined merged node list is transformed into a hypertext mark-up language document. More specifically, for CAM-based search engines configured according to present embodiments, the CAM array includes state information gating circuits that selectively allow state information stored in the CAM array's match latches to be transposed onto the array's bit lines and then read from the array using the array's sense amplifiers. A head mounted display device and a method for realizing the focus adjustable head mounted display system are also disclosed.

1459827433-cb706785-b8f8-4a4a-9fc5-d5aa5a5b9d6f

An eating utensil has first and second elongated stick members extending parallel to each other and a U-shaped connector attaching the stick members together. The method receives the telecommunications signal and contemporaneously evaluates the telecommunications signal for compliance with at least two signal modes. The second lens unit comprises a plastic positive lens, wherein the second lens unit has a positive diopter. A biometric comparator compares the biometric digital representation representative of the individual with the biometric data gathered from the first biometric database and at least the second different biometric database, the biometric comparator utilizing a predefined match percentage threshold to determine a match.

1459827434-1237b22b-d69b-4ebe-a691-b5be2fe6ef4b

In the embodiments of the present invention, proposed is a method in which a COMP enabled UE chooses the BSs to be in its cooperating set and a BS partitions its bandwidth to serve its own UEs and UEs from other cells that have requested it to be in its cooperating set. The first oblong opening and the second oblong opening are oriented orthogonally with respect to each other. Using first gate signals based on reference gate signals for PWM control, the control unit calculates values of the individual phase currents from the first gate signals and the detected currents during the current detection period. The optical signals may be coupled to the optical couplers via a light path etched in the chips, which may be refilled with silicon dioxide. And when the current broadcasting station provides a digital broadcasting channel and an analog broadcasting channel across which the same program is currently being transmitted, the MPU alternately switches between a predetermined digital broadcasting channel and a predetermined analog broadcasting channel.

1459827434-17684ea7-7aa7-41c2-83af-badfc161e670

A system operable to determine a future point of time, at which the alcohol concentration in blood of a user is less than a threshold value. Each of a plurality of measurement ranges is set so that one measurement range overlaps a portion of at least another measurement range to form an overlap region, each measurement range being a portion of the test surface. This application also provides a cloud storage data access apparatus and system based on OTP. The guide causes the rear portion of the pedal bracket to be displaced backwards and downwards when the pedal bracket is displaced backwards as a result of application of a frontal external force to create a rotational displacement of the rear portion of the pedal bracket relative to the front portion.

1459827434-1cc82389-cfc5-44f3-84b0-3b0ee4839b38



A fixing device including a heating element and a pressure element, for fixing a developer image transferred onto a recording sheet is provided. Users may pay for online software and services with prepaid scratchcards. Each electrical consumer of the wind turbines is assigned to one of at least two groups and according to the group assignment is always switched on by an operation control unit when required, or only switched on if there is a sufficient power reserve. The connector includes a housing and terminal members disposed in the housing, with the terminal member having a U-shaped cross-sectional shape, so that a first portion as one leg of the U contacts the terminal of the electrode and a second portion as another leg of the U contacts the conductor of the flexible connecting member. The invention further relates to the role of thrombin and signaling via Notch proteins and the effect on thrombosis, angiogenesis, and/or differentiation, among other processes.

1459827435-7c0a5d2c-0c7c-4092-8a6b-5247752cde76

A hinge with a hinge cup can be inserted into a boring in a furniture part. In one aspect of the invention, a bi-modal slurry is fabricated by removing a first type of selected abrasive particles from a first abrasive particle solution to form a treated flow of the first solution. The waterproof roofing membrane has a release strip overlaying the adhesive strip which is removed immediately prior to applying and bonding the lowermost course of shingles to the waterproof roofing membrane. The decoder and/or encoder may be implemented on the wireless device. The second electrode includes a plurality of layers, and an insulating layer between the plurality of layers, overlapping the light emitting layer, and exposing a layer among the plurality of layers in an area corresponding to the pixel defining layer.

1459827435-9d4146a0-05e7-469d-81f7-e364df24cd96

Electronic apparatus and methods of forming the electronic apparatus include a lanthanide yttrium aluminum oxide dielectric film on a substrate for use in a variety of electronic systems. The airflow-guiding device includes a bracket and a plurality of shielding plates. The base includes a substantially cylindrical ring portion extending in a direction substantially perpendicular to the standing surface. This relative movement reduces the stiffness of the diaphragmliner assembly. The damping insert sheet has a plurality of elastomeric cushions, for example with a cushion thickness in the range 0. One or more elongated incising elements are mounted longitudinally on the balloon.

1459827435-a6a25992-bd37-42d0-a268-94ac6e44abbe

Provided are, among other things, systems, methods and techniques for providing resources to participants over an electronic network. Particularly, various embodiments of the present invention provide for a bio-oil composition that has chemical and physical properties that make it more cost effective and useful as a fuel without having to undergo deoxygenating processes such as hydrotreating. A gas motion control valve is arranged to open and close an upstream end of the second passage section. The surface segments are separated by at least one transparent surface boundary segment whose phase is situated between the phases of the adjacent surface segments. Additionally, the area of release is wider than the front and shield portions to allow for a better sliding of the material during unloading. At least one of the legs can be moved along the support towards and away from the other leg.

1459827436-150e9d5a-34fd-4113-9e0f-d0c14fffb016a

A method of manufacturing a golf club head with a variable thickness face having a central thickened region surrounded by a transition region tapering from the central thickened region to a thinner peripheral region. Each picture processing system includes an identical picture processing IC and a plurality of memories each capable of memorizing a picture frame and including at least two memories operating at different timings. The flooring is then laid and consists of a floor foundation, a decorative finishing coat, a transparent resin topping with anti-slip characteristics and an anti-scratch and anti-wear blanket. the sleeve is inserted

into the receiving holes of the top article and the bottom article until the outer flange of the top end rests on the top plate, the rod is then pressed to move to drive at least one spring tab to deflect outwardly until the outer flange of at least one spring tab is held in contact with the bottom plate. The loop heat pipe circulates heat emitted from the image display unit to equalize the temperature of the image display unit. The method further includes subsequently performing the epoxidation reaction at a preferred operating condition.

1459827436-2100a017-1c06-4a5f-badf-bd7fca503ece

A feature in a layer is provided. Thermal resistance of a first area is made almost equal to thermal resistance of a second area, first area is defined by the side of the heat-generating resistor closer to the electrodes and by the side of the hollow space closer to the electrodes, and the second area is defined by the opposite side of the heat-generating resistor and by the opposite side of the hollow space. Upon detection of a predetermined charge level of one of the rechargeable power supplies, a third charging current is provided to the first rechargeable power supply and a fourth charging current is provided to the second rechargeable power supply. The light-emitting body therefore extends the life of a light-emitting device and therefore the life of a light-emitting display. The deformable seal does not need to separate from the seal surface to allow fluid flow. The density of the glass fibers needle-punched into the substrate is gradually decreased in the direction from the above mentioned surface to the other surface of the substrate, and the deepest portions of the needle-punched glass fibers reach the depths of 85 to 100% of the substrate thickness.

1459827436-4ab1e821-315a-4437-b35d-8cc7a24661f7

A compliant swage has the ability to change shape to allow clearance of an obstruction while permitting expansion to go on in other areas removed from the obstruction. The method includes determining an amount by which a memory capacity of a DIMM can be reduced, and reducing the memory capacity of the DIMM in accordance with the determined amount to produce a DIMM having a reduced memory capacity which is available for use and a dormant memory capacity which is not available for use. The at least two frames comprise a set of point coordinates in a three dimensional coordinate system providing differing information of the surface of the object. Carotenoid analogs or derivatives may include acyclic end groups.

1459827436-e3f50d0d-0b97-4d24-970c-e8028a180c39

An organic electroluminescent includes an organic layer with a total thickness of 150 nm or over is included between an anode and a cathode. In an illustrative implementation, the data communications architecture communicates data across communications links. A determination can be whether the storage location is associated with a third party system. Thereafter, when fine detail request data including resolution data are received over the telephone line, the data are converted to the desired resolution, and sent to the network communication unit. These embodiments enable a network to have additional security while consuming low amounts of power. Coated seeds exhibit enhanced growth due to depression or elimination of undesirable fungi coupled with either enhanced growth of VAM fungus or lack of detrimental fungicide effect on VAM fungus.

1459827437-9b35edf1-c0c1-4aca-a363-280891f92eb7

An animal trap designed to restrain a raccoon. The semiconductor wafer has a saw street between each die. In either example, the top side of the handle of the shaving unit provides a surface for the affixing of a timed water soluble encapsulated material which includes; varying quantities of scent emitting substances. Thus, pitch and roll guidance information is simply communicated to the pilot of an aircraft. Each interlocking wall strip having multiple apertures defined within to allow for free airflow around, through and between each compartment. The hinge includes a column-side hinge part and a door-side hinge part, which can be pivoted about a hinge pillar relative to each other, and with an

integrated door retaining device, which includes a retaining element arranged on the side of the one hinge part, which cooperates with a retaining contour on the side of the other hinge part.

1459827437-a97cb5f3-24bb-4986-9ac5-85588df2a71b

Garments are convertible between multiple configurations so as to have an alternate appearance and/or be wearable as a different type of garment. The device consists of means for pre-defining at least one related area in a representation space comprising positions that can receive elements that are representative of the data, said space including at least one complementary area having no data representation. The main part defines an opening which comprises a ball lens receiving hole and a sprue. The injection of economizer fluid occurs only during a portion of the orbiting cycle when the injection port and corresponding grooves are aligned with each other. A first component at least has a universal contextual interface. A liquid crystalline compound represented by the general formula is provided.

1459827437-dc2d1e06-c196-448f-b656-6f3cc703c4b8

Back pressure is mapped within a network, and primary bottlenecks are distinguished from dependent bottlenecks. A current-constricting portion of the light emitting device structure is formed above a region more than 1  $\mu\text{m}$  away from the center of the groove in the width direction and more than 1  $\mu\text{m}$  away from the center of the hill in the width direction. The housing of each laser module is mounted in a holder. A generally central binder attachment fitting is positioned atop the load, with each of the lines then being removably and adjustably attached to the fitting.

1459827438-5985ffbd-0b91-4814-818a-3137df39e7b1

Provided are plate designs that enable a user to hold a plate in one hand, together with a drinking cup in the same hand. The method, in one embodiment, broadcasts or floods restore path requests in the network to expedite the identification of an alternate route and minimize the service disruption for failed virtual path. An antigen is covalently bonded to a glycolipid analog to provide a discrete molecule which exhibits an enhanced adjuvanting effect on the antigen which is greater than the adjuvanting effect attainable in the absence of such covalent bonding. During normal, non-accidental circumstances, the sector gear is in a rest position in which the engaging element is free from the sector gear.

1459827438-9090adf1-407a-45b7-a2c5-38df67e498a0

A method for scheduling tasks from a program executed by a multi-processor core system is disclosed. In some embodiments, the light-emitting devices include of multi-stack materials. A chamber in the drill bit houses a valve assembly for selectively diverting fluid between use in drilling and for use in fracturing. Withdrawal of the actuation member allows the restraint member to release the medical device which may then return to a deployed state.

1459827438-9ae60bba-1f35-4e42-a223-6deafe232822

A micro-lens module including a plurality of lens groups is provided. The expansion occurs from an external catalyst such as heat or releases the internal catalyst and allows the expanded tubular to become rigid. Each of the plurality of plates defines a plurality of rectangular holes.

1459827438-fa3f33e3-0c0e-4d93-9ca1-21130238297d

On-premises pager loss is reduced by alerting patrons they are out of range. The front group includes at least: a first lens having a negative meniscus shape; a negative second lens formed from a plastic and having an aspherical surface; and a positive third lens, in order from the object side toward the image side. Minimum and maximum output rates for each MPEG-2 bit stream are determined such that neither a queue for the bit stream in the multiplexer nor the bit stream's decoder will underflow or overflow. In the preferred embodiment, the garbage collection

routines are contained in separate mobile code module that can be changed dynamically interchanged to provide different garbage collection algorithms. Color schemes and font schemes for the document may also be separated controlled. If the event is not specific to a cluster node, but indicates an impending or actual failure of the cluster software, the method identifies and initiates an appropriate action to fix the condition or provide a workaround that will preempt an impending failure of the cluster system or would enable a restarting of a failed cluster software.

1459827439-18136b85-41ba-43b9-87b1-9b0bd9d5bdb0

The invention relates to a transistor that includes an ultra-thin body epitaxial layer that forms an embedded junction with a channel that has a length dictated by an undercut under the gate stack for the transistor. The auxiliary oil filtration system consists of an auxiliary filtration device, an integral oil transfer pump controlled by an electric motor and that is in electrical communication with an electrical control unit, an electronic pressure sensor, fluid conductors, and means for connecting hardware. The first set of colors and the first color mapping are used to construct a third color mapping that can be represented as a concatenation of an injective second color mapping with the first color mapping.

1459827439-960b0c3e-53b0-4352-aab6-e414e4232d68

A speaker driver surround has tapered thickness to provide improved linearity of the force versus displacement response. High molecular alcohols are produced from ethanol by using calcium phosphate-based compounds such as hydroxyapatite  $\text{Ca}_{10}\text{P}_6\text{O}_{28}$ , tricalcium phosphate  $\text{Ca}_3\text{P}_2\text{O}_8$ , calcium monohydrogen phosphate  $\text{CaHPO}_4$ . Subsequent to other processing treatments, a portion of the sacrificial dielectric layer is decomposed and removed through a portion of the porous matrix using supercritical carbon dioxide leaving voids in positions previously occupied by portions of the sacrificial dielectric layer. The secondary circuit has a timing generating circuit generating timing signals for generating the transmit signals. Only the forward end of the probe is introduced into the liquid having the sample submerged therein, while the other portion of the probe is covered with the insulative liquid. In this way, growth of odor-causing fungus and bacteria is inhibited.

1459827439-d603edaa-965d-4154-b0dc-9b91dba87cd0

The present invention concerns an adherence gene from *Helicobacter pylori*, a polypeptide coded thereby and antibodies against the polypeptide. The upper surface of the aircraft has a known elevational relationship relative to the doorway of the aircraft, which is used along with the sensed position to align an aircraft engaging portion of the movable bridge with the doorway. The mounting plate is mounted prior to installation of the electrical receptacle in the electrical box. The reinforcement member is coupled between the sprockets. The invention further relates to electronic devices in which there is at least one active layer comprising such charge transport compositions.  $1 \text{ nmolcm}^{-2}$ ; the phosphorus-based coating has a thickness of less than about 10 nm; or the surface phosphorus-containing group density of the coated regions of the substrate is equal to or greater than the surface hydroxyl group density of the oxide surface of the substrate.

1459827440-296b4589-94de-488f-9647-8f090c604633

In a vehicle differential unit according to an embodiment of the invention, a planetary carrier that is a rotatable member that rotatably supports planetary gears is formed of cylindrical members that are unable to rotate relative to each other on the rotational axis of a pair of output shafts. The clock preferably has an oscillator for generating an oscillating waveform signal at a preselected frequency and a frequency divider responsive to the oscillator for dividing the frequency of the oscillating waveform signal. A local data structure is maintained within the switching element wherein the local data structure contains data used by the switching element in its operation in the communications system. The force

transfer device serves as an integral part of a level indicator for both viscous fluids and lower viscosity liquids. After the user rotates a jogshuttle knob, the list rolls down a low rate.

1459827440-91785b13-1e93-4227-9089-1e0900529120

Apparatus and process for the manufacture of articles to be worn on the lower torso of a wearer, such as disposable absorbent article like diapers, training pants, adult incontinence articles, feminine care articles and the like. According to one aspect of the present invention, a method for processing a transaction in an enterprise environment includes receiving a request to start the transaction, storing information which indicates that the request to start the transaction was received, and accessing a first resource manager associated with the transaction. A flexible member is provided in the transmission located between the massage member and the motor that drives the massage member, and a pressure sensing mechanism monitors the pressure applied to the massage recipient through the flexible displacement of the flexible member. The structure of the inductor constructed such that electrical resistance is reduced therewithin, thus increasing the efficiency of the inductor.

1459827440-b473f9ca-06e5-42b5-95d7-494c17d4aa18

Provided is a method of treating or ameliorating a number of indications in an animal, including a human, comprising administering an effective amount of a compound of the formula I or IA, . A fiber bonding device feeds an optical fiber through a supportive sheath having a ceramic tip at its end. An outer communication portion of each of the upper airflow passages and an outer communication portion of each of the side airflow passages are exposed inside holes formed in a second frame body disposed in front of the first frame body. In one embodiment, the return signals are imaged onto an intensified CCD or APA array that capture two successive laser pulses through the utilization of dual pixel registered cameras. The carbonaceous deposits are incinerated and then the catalyst is recirculated to the reactor.

1459827441-c073f4e2-8eb6-428e-8ff7-8f8ea51b3153

A system for determining a position of a catheter is provided. A set of rendering intents, and a colored document or image is received. The spaced apart baffle walls increase a viscous resistance to the buoyancy driven convective flow inside the manifold. For each comparison, one of the encrypted biometric entries is subtracted from the scrambled encrypted biometric to get a calculated noise.

1459827442-2c77cdd6-20b1-40a0-b34c-a56e14e8a3ad

The present invention is directed to different methods used in the formation of an ink, as well as being directed to the formation of layers used in the fabrication of a solar cell, particularly the absorber layer. A receiving device receives the communication. When the web server associated with the host website receives a request for a digital image embedded within a webpage of the external website, the web server analyzes metadata associated with the digital image to produce selection criteria and selects additional content to add to the digital image based on the selection criteria. The inventive plastic sheet is preferably used as a core layer in sandwich composites. The ferroelectric liquid crystal panel includes a backlight, which is turned off during the reset period and turned on during the remaining period.

1459827442-8aaf664b-e9d3-48c4-8770-46635f35f1c2

Systems and methods for determining a position of a mobile device including a magnetic signal source deployed at a predetermined location. Furthermore, the present invention provides a reliable method to determine whether a subject with a cancer of epithelial origin who has been determined to be c-erbB2 positive by IHC and by FISH should be excluded from c-erbB2-direct treatment because of a non-significant level of phosphorylated c-erbB2 in epithelial tumor tissue. Thus, a

surface electrode structure on a ceramic multi-layer substrate is suitable for both mounting of SAW devices by gold-gold bonding and mounting of other parts by soldering and which enable consistent mounting of individual parts using a ceramic multi-layer substrate to provide higher reliability.

1459827442-b3ec6b81-9624-43a9-aa5b-6ddc09e86e8c

A toner process comprising mixing an acidified dispersion of an acicular magnetite with an anionic latex, an anionic carbon black dispersion, and an anionic wax dispersion. The first transistors are MOS transistors, and each first output terminal is associated with a current mirror formed of MOS transistors, the current mirror providing to the first output terminal a current depending on the current flowing through the first transistor. Interference fringes of object light are found on each computation point within a first area on a recording surface, and interference fringes of object light are found on each computation point within a second area on the recording surface.

1459827442-bc6916ae-8c18-491b-b8d2-d2d88a034088

According to different embodiments of the present invention, various methods, devices and systems are described for managing power in charge pumps in a non-volatile memory system having a high voltage charge pump and associated regulator. The game-piece loaded into the toy body is launched from the toy body using a restriction force acting on the flipping member. The logical state of a center bit triplet of the byte is detected.

1459827442-f940a1bb-7522-4e7e-9db1-31d5ac7cf4f8

Techniques for improved semiconductor device performance are provided. Execution of an execution tree for the data repository generates a final evaluation result. Furthermore, a method for assessing previous absolute ethanol consumption can be accomplished by correlating the ratios of PEth precursor and PEth homologue levels in subjects to ratios obtained from reference subjects with known previous ethanol consumption.

1459827442-fcbb59ec-09c1-4ac5-ada4-cdc74422f5e5

An integrated circuit packaging system is provided including forming an interposer having a coupling slot, securing an upper die on the interposer, mounting the interposer over an integrated circuit, and coupling the integrated circuit to the upper die through the coupling slot. These micropumps are fabricated with materials and structures that improve performance, efficiency, and reduce weight and manufacturing cost relative to presently available micropumps. The hierarchy is utilized for one or more of bandwidth reservation, bandwidth sharing, and/or bandwidth allocation within the hybrid LAN. The spacing between the electrodes exerts a capillary force on biological fluid present at the open distal end of the outer electrode.

1459827443-2e3d569d-df53-47bc-8165-63b9b3637643

A radial top cover gasket is used for sealing a disk drive assembly. The connector includes a block, a connector body formed on a front surface of the block, a protrusion extending from a top of the block. The TPA device is loaded on the housing to engage the bar and is moveable between a staged position and a locked position with respect to the bar.

1459827443-92a369a9-0ac0-4a14-aed8-c2dbf1a995c2

A liquid crystal display device and an electronic apparatus have superior visibility. The system further includes a movement member configured to perform a movement or assume a certain physical posture, based on the result of content analysis of the information signal. Such census information is made available to emergency workers and is of significant value in rescue efforts following facility evacuations. The computing arrangement receives data from the projectile indicative of a start and end time of a trajectory of the projectile, the first distance

travelled by the projectile as sensed by the sensing arrangement and processes the data as a function of the start and end time to determine the position of the player within the playing area.

1459827443-a69c071a-9c6c-4ea5-814f-4afb7f11289f

The present example provides a device for capturing insects from a distance with adhesive pads. The invention also relates to immunoassays or oligonucleotide assays which utilize soybean peroxidase as a marker. The apparatus includes insulated electrodes to be coupled to a generator for subjecting the living tissue to electric field conditions sufficient to cause movement of the polarizable intracellular members toward the cleavage furrow in response to a non-homogeneous electric field being induced in the dividing cells. obtained by polymerization of a monomer starting material containing 60 wt % or more of an alkyl acrylate with a C8-12 alkyl group and 5 wt % or less of a radical polymerizable monomer with a carboxyl group.

1459827443-d07f0683-2823-4df5-8c4b-0f8d01b12936

A grey cast iron alloy for producing cylinder block and/or cylinder head castings including iron, carbon, silicon, manganese, phosphorus, sulphur, tin, copper, chromium, molybdenum and nitrogen. an organic substituent and at least one zinc binding group covalently attached thereto; or b. The amorphous carbon barrier layer is conditioned by providing a flow of a conditioning gas comprising H<sub>2</sub> and a diluent, forming a plasma from the conditioning gas, which conditions a top surface of the amorphous carbon barrier layer, and stopping the flow of the conditioning gas.

1459827444-48fd6b6c-868b-45c7-a1ae-ba173fa26d8c

A compact and easy-to-use walking assisting device capable of reducing constrained feeling given to a user and allowing a free swing of the arms of the user in walking. Each group of wafers is allocated to a respective one of plural manufacturing devices in a state in which each group is housed in a respective one of plural division carriers and one sheet processing is applied to the wafer groups in the plural manufacturing devices in parallel. The currency processing machine also includes an information collection system collects identifying information about the documents, sorting bins for receiving the documents, a sorter; and a data processing system. The lower heel plate is associated with a cantilever portion that supports the upper heel plate laterally. In a preferred embodiment, the second component includes a leaving group, and the method further includes first thermal processing the film to cause a solvent but not the leaving group to be removed from the film, after which second thermal processing is performed to at least substantially remove the leaving group from the film. The gear detection unit includes: a plurality of voltage detection circuits, and a plurality of thermal resistors.

1459827444-6da2922c-9ac4-420e-8eec-03bccbef97ab

A method and system provide for sensing multiple wavelengths simultaneously in a single wavelength sensing device. The foam generated in the mixing manifold is discharged through a hose and nozzle connected to the mixing manifold. Accordingly, the invention provides a downhole motor assembly comprising a motor, at least one thrust bearing and a bent portion, the assembly having a first end and a second end, the first end being closer to surface than the second end, in use, wherein the bent portion is closer to the second end than is the at least one thrust bearing.

1459827444-9b3690cb-255e-4551-84b2-5c9478163cba

A voltage-controlled oscillator includes a bias circuit and a delay circuit. The data transfer device is configured to transfer data between a plurality of data transceivers and at least one memory having a first memory area. The heavier compounds can be recycled to an FCC unit or delivered to a separate FCC unit. An array of pins is substantially perpendicular to the major surface of the processor.

1459827444-f90c3e4f-91e2-498b-9b3e-a7037fb328e6

Devices, systems and methods for retracting, lifting, compressing, supporting or repositioning tissues, organs, anatomical structures, grafts or other structures within the body of human or animal subjects for the purpose of treating a diseases or disorders and/or for cosmetic or reconstructive purposes and/or for research and development purposes or other purposes. Such layer is coupled to a planar element consisting of a cloth or a flattened stocking formed by weaving of a single metal wire. The two spotter arms extend out so as to be able to support a barbell. In a last step, the received information is stored as metadata together with the data of the picture in a memory 5.

1459827445-5384908f-1c01-44c5-b849-ecf63feaf9af

An object of the present invention is to provide a method for purifying a highly pure niobium compound and/or tantalum compound, the method enabling the purification of a highly pure niobium compound and tantalum compound in a simplified manner at a low cost. Specifically, the input digital signal is first interpolated by a factor of eight and lowpass filtered to form an intermediate signal. On actuation of the lift mechanism the coiled-strip springs are untensioned by coiling up along the guides, thereby lifting the chassis plate.

1459827445-5a12532f-ee47-4cc9-9b02-c827f3ea1a36

Various embodiments of a system and method for managing shipment release from a storage area in a materials handling facility are described. A first support device at a distal end of the arm is adapted for suspending a portion of the wire. When a fading condition is detected, the radio receiver reduces the large phase variation associated with the received signal to eliminate the audio clicks. If the measured temperature is within a threshold temperature range, the memory device is prevented from being placed in the clocked standby mode. The electric field shield transmits a magnetic field generated by the magnetic force generator to make it arrive at the magnetic force receiver but shields the detecting electrode from an electric field generated by the magnetic force generator to interrupt arrival to the detecting electrode and not to substantially obstruct the detection by the detector.

1459827445-9808700c-413d-46a2-bd1a-754491106e75

A method of manufacturing a device includes forming a covering layer having affinity for a filler to be injected into a space between a first base and a second base, on at least one of the opposing surfaces of the first base and the second base, and then injecting the filler into the space between the first base and the second base. A PCB connector is structured by a terminal plate 3 provided with an insulating plate body 4 which can be cut at any portion and a terminal 5 placed in the plate body to project both electric contacts 6, 6' of the terminal from front side and rear side of the plate body, and an insulation cover 38 for mounting the terminal plate therein. An additional code signal generated in the navigation system platform can be measured where the additional code signal is designated as a timing reference signal. A retractable hollow needle member or other specimen collection device is coupled to the distal end of the first spring section.

1459827445-badff319-e903-4cfd-a1ff-995590e25f8c

A mounting bracket is defined by three pairs of parallel planes. The main body includes a plurality of first-type layer portions each including a first-type semiconductor chip; and a second-type layer portion including a second-type semiconductor chip. The shell and liner of the exhaust manifold include first and second composition formed from ferrous and non-ferrous metal powders, ceramic powder, and a binder added thereto to form the manifold. If certain thresholds, such as predetermined number of teats on a cow, have not been met a cow is not counted as having been properly prepped. The liquid crystal layer proximal each pixel unit is divided into a first domain set and a second domain set, wherein the first alignment pattern and the third alignment pattern correspond to the first



domain set, and the second alignment pattern and the fourth alignment pattern correspond to the second domain set.

1459827445-f08787c8-69ed-4f4d-bb34-5520af029220

An orthodontic appliance and system are provided for adjusting the relative positions of mandibular and maxillary arches. The extension skirt includes a plurality of circumferential segments. The default quote identifies default values for a number of variables defining a default barcode printing supply product; at least one default quantity value and a price for the specified quantity of the default product. The interior of the housing includes a reflective surface for maximal illumination of the object. The agents may be independently released from reset by the separate reset signals.

1459827446-8e03cdc6-02f9-4541-837a-18c737289d91

A mounting apparatus is provided for mounting a data storage device. The soft magnetic laminate layer comprises a soft magnetic layer having a thickness not larger than 500 and a nonmagnetic layer, comprises a first soft magnetic layer and a second soft magnetic layer differing from the first soft magnetic layer in the crystal structure, or comprises a layer of a granular structure consisting of magnetic particles and a nonmagnetic matrix and a soft magnetic layer. Averaging of at least some of the image pixels of the luma component is done over a plurality of image pixels to provide a plurality of surround function values.

1459827446-940e582c-c585-4c18-a742-071732bace95

A method and system for responding to a request to establish a dial-up data session from a user terminal to a remote destination. A direction microporous diffuser includes a holder member having plural compartments and plural hollow, elongated members having porous sidewalls, the plural hollow, elongated members supported in the plural compartments of the holder member with each hollow, elongated member including an inlet port at a first end of the elongated member and second end of the elongated member being sealed. When the shutter button is full-depressed, an image signal of an object is recorded in a recording medium. A drying method includes: immersing a substrate into a fluid contained in a bath; removing the substrate from the fluid into a chamber; and supplying isopropyl alcohol vapor into an interface between the substrate and the fluid perpendicularly to a vertical axis of the substrate.

1459827446-cbd8c5a0-96a2-4045-8df4-68c6784350ef

A food chafer with a releasably lockable rolltop is provided. A device for support on the ground is arranged at the lower end of the lower V. The seating layout on the deck provides the amenities of an extremely comfortable watercraft capable of seating multiple passengers while providing sufficient storage space for all necessary items for such a voyage. The forwarding data structure can be a hash table, a direct mapped table or other structure.

1459827447-19574e72-8c10-43cb-b1f0-45306b6a3530

A data protection system selectively deletes data from an electronic device when the device is reported as lost or stolen, or when another data protection triggering event occurs. The invention is characterized in that a first perfusion index is defined as a reference value and the subsequent perfusion indices are determined as relative deviations with respect to the reference value, said relative deviations being presented in the form of analog, graphic elements on the user surface as information concerning the 10 variations of the perfusion. The separating device is in an inactive position when the pressure in the first pressure chamber is equal to the pressure in the second pressure chamber. Guide wall is disposed downstream of lift plate in sheet conveyance direction and spaced from lift plate with predetermined gap, to guide the conveyed sheet in diagonally upward direction intersecting placing surface of sheet tray. The data stored in each of the performance counters associated with the subset of events selected is

periodically read during the collection session. The first frequency signal generator is coupled to the second frequency signal generator to supply the reception frequency signal to the second frequency signal generator as a reference frequency signal.

1459827447-1a6fc033-c44f-4a39-9baa-17dd38820ae4

Microelectronics have now developed to the point where radiation within the terahertz frequency range can be generated and used. The first developer holder is disposed so as to face an image holding member and rotates so as to move in a direction opposite to a direction of movement of the image holding member at a first facing portion. The method comprises the steps of aspirating the cellular material into a fluid delivery device which incorporates a syringe arrangement. The gum arabic modified by the method of the present invention can be used as an emulsifier for use with beverages, confectioneries, chewing gums, oil-soluble flavors, oil-soluble colors, oil-soluble vitamins, etc.

1459827447-4aaf4572-eb1a-4471-807d-37b56cbf3910

The present invention relates to novel triazole compounds of formula, their derivatives, their analogs, their tautomeric forms, their regioisomers, their rotamers, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutical compositions containing them. According to the invention, a support is integrated into the brush support, with de-tensioning for the electrical connecting cables of the machine, which means that a secure fastening, de-tensioning, and insulation of the connecting cables is achieved without additional components and without additional expense in the assembly of the machine. The system also includes a data management system and an outbound web server.

1459827447-504186aa-af09-4824-8e1a-c4ff24c57112

An improved catalyst activation process for olefinic naphtha hydrodesulfurization. The present invention also provide methods of making the liposome compositions provided by the present invention. Brake signals generated in the towing vehicle are transmitted between the towing vehicle and the trailer. The color printer includes a cache memory, each cache address including first and second entries. An attenuation normalized peak of the harmonic spectral component is reduced at a region spaced from the transducer as compared to the peak at a region adjacent to the transducer.

1459827447-68b2832f-83d4-4b7d-873c-d30f5639dc67

A liquid dispensing device including a body generally having an air passage and a liquid passage. The lamp casing is screwed to the front panel, or is hinged to the front panel to allow rotation of the lamp casing. A gaseous fuel path is connected to the path at an intermediate location thereof.

1459827447-de158e0a-d6e6-4a9c-9052-a03abb5d83b1

A separation column and a method of preparing the separation column are provided. The multiple display devices include a master device with a master display and at least one slave device with a slave display. Side frame members of the panel define interlocking protrusions and channels for making interlocking joints between panels. In one example of the invention, the frame section comprises a rigid frame section of the personal mobility vehicle.

1459827448-17afc1f9-470d-47ac-9bc9-05e5a2783568

A substrate includes fine lines. An upper, a lower, a right and a left sideboard are respectively provided with two dovetail-shaped projections spaced apart by a same shaped groove or two same-shaped grooves spaced apart with a dovetail-shaped projection, and an L-shaped groove respectively formed at two rear corners of the upper, the lower, the right and the left sideboard. Once the pattern is correctly captured and stored, the test pattern is transmitted to the logic device at the

normal operating data rate to perform timing calibration. When the cellular phone is in an unfolded state in which the angle formed between the front surface of upper casing 2 and the front surface of the lower casing 3 is maximum, first control plate 10 and second control plate 11 have a maximum projected area on the surfaces of upper and lower casings 2, 3. , and Z is a phenyl group which may be unsubstituted or substituted, the substituent on said phenyl group is amino, or an amino nitrogen-containing group; or a pharmaceutically acceptable salt thereof, possesses excellent PDE IV inhibition and is useful as a pharmaceutical drug, preferably an anti-asthmatic, etc.

1459827448-771359cc-9654-4e36-b912-769227a9d797

Embodiments of an encoder are disclosed. The first heat shield plate covers all around a curved section of the U-shaped exhaust pipe in the vicinity of the exhaust port. The method is particularly well suited to sealing in faulty formations or sealing sites and may be used in sealing within salt mines which contain brines. A program guide generator 24 produces a program guide from the content descriptions and from the dynamic information, and outputs the program guide. When an NSE is removed from the BSS, the BSS automatically sends a modified NS\u2032-Reset message to the SGSN to free an NSEI. Such enriched populations are useful for studies of the molecular events that occur during differentiation and for generating cells for cell replacement therapy.

1459827449-75957325-87a5-4ff3-aacc-22b14b81c5ed

An AC plasma display panel has a pair of panels disposed in spaced opposed relation, and each having a plurality of electrodes formed on an opposed surface thereof and mostly covered with a dielectric layer; and a sealing member which seals the periphery of the pair of panels. This has been shown to hamper the performance of a communication system resulting in incorrect symbol decisions, particularly at low SNR. Power transmitted within the frequency passband of a circuit is filtered through that circuit to power a corresponding remote device. A disconnection circuit is connected between the nodes N1 and N2 and between the nodes bN1 and bN2. If the result of the test is fail, only the first bare chip is removed and replaced with a new bare chip. This circuit causes the pixel cells in each of the neighboring display lines in the respective display line groups to emit light at different brightness levels based on weighting values assigned to the display lines.

1459827449-77dc2139-7324-436a-91b0-0712fff83221

The present invention relates to a method for forming self-aligned metal silicide contacts over at least two silicon-containing semiconductor regions that are spaced apart from each other by an exposed dielectric region. A rundeck is edited to include IC layers and device structures of interest that may require validation. The authentication server performs authentication of the user based on the user credential information transmitted from the image forming apparatus.

1459827449-79d45893-2d52-4afb-abc5-323f1e5a2d0c

A method for winding a skein-shaped windable product onto a spool formed of two spool halves which converge conically towards a middle radial plane with two flange discs at the outer ends, includes the steps of rotating the spool about its central axis during the winding process, and feeding the windable product by a guide that moves along the length of the spool. The user interface is configured to allow the user to define the input in a graphic form, or a textprogramming form, or a combination of both. A capillary-acting epoxy resin is filled into the assembled housing assembly via a filling-in opening and, on account of its capillary action, closes the interspaces between the semiconductor chip and the housing frame. More particularly, the present invention relates to the synergistic enhancement of activity of a combination by menthyl acetate or Geraniol.

1459827449-7ac66ce6-319a-4b4f-a737-8dfbff8a5937

The invention provides isolated nucleic acids molecules, designated 57658 nucleic acid molecules, which encode novel uridine kinase family members. The upper electrode comprises a first under-layer, a second under-layer, an intermediate layer and a surface layer laminated from the insulation layer side. The gelled liquid hydrocarbon treatment fluids of the present invention are suitable for use in subterranean treatment operations, such as subterranean stimulation and sand control treatments like fracturing and gravel packing, that may be carried out in subterranean formations for the production of hydrocarbons. Thus the synchronous motor operates efficiently, heat generation of the synchronous motor is prevented and power factor is improved. In addition, the reactor generates said divergent flows without need of an RF or AC generator. The conditioner cleaning device of the present invention is capable of increasing cleaning efficiency by uniformly spraying a cleaning solution on upper and side faces of a diamond disk.

1459827450-0cbc2cd4-bf9c-4e3a-ae57-b653864417e5

A luggage case may include opposing sidewalls forming minor faces, opposing sidewalls forming major faces, and opposing end walls together forming an article defining an enclosed space. Variable resistors are placed in the PLL in places that facilitate tuning. Path expressions can be more easily created than by creating the path expressions directly in SQL. The gate of NMOS transistor is connected to the output end of the NPN Darlington circuit.

1459827450-ca839a1b-9e3c-4ddb-90f5-56257937469a

A papermaker's fabric, usable in the forming section of a paper machine, has three layers of cross-machine-direction wefts. In aspects, the users are placed into common virtual rooms or virtual interactive environments to permit sharing of content and chat between the individuals in a same virtual interactive environment. The first aspect, designated as \u201clatent masking\u201d, defines a mask in a persistent material like silicon oxide that is held abeyant after definition while intervening processing operations are performed.

1459827450-e0e8e7e3-91c2-4631-a844-bf29f8311107

A skywatcher's tripod has a seat mounted on a rider support that swivels 360 degrees on a base having upwardly foldable tripod legs. Also described are polycarbonates produced by these methods. The variable inductor comprises a primary inductor coupled to the VCO to produce a magnetic field based upon a current flowing through the primary inductor and a secondary inductor magnetically coupled to the primary inductor, the secondary inductor to affect the magnitude of the effective inductance of the primary inductor. The invention also includes an elastomeric nitrile rubber product made by the process, such as examination, surgical, or work gloves.

1459827450-ecfc8218-12f4-468c-b0f0-73ab36e805d9

The present invention implements an auction in which multiple types of goods may be auctioned in a dynamic process. When an object is moved on a client terminal, a message indicating the movement of the object is transmitted to a server terminal. Also disclosed are transgenic seeds for growing a transgenic plant having the recombinant DNA in its genome and exhibiting the screened enhance trait. Each SIW may be fetched and executed as an independent instruction by one of the available execution units. The load management system monitors the heat buildup in a coiled portion of the charging cord and issues a corresponding signal to control the current flowing through the cord. The method further includes determining that the frame was sent by the second node based on an extracted first label value and that the frame is associated with a first service based on the extracted second label value.

1459827451-1423966b-fbec-4196-a287-f94375ea03ff

Disclosed herein is a semiconductor device having a power cutoff transistor including a semiconductor substrate of a first conductivity type; and first and

second wells of the first conductivity type formed to be spaced from each other in the semiconductor substrate. The method in part prevents an excessively high pressure in case of an unintended stenosis, e. The gap between the second radiating conductor plate and the first radiating conductor plate can be changed. If a first cache partition satisfying a first predetermined cache partition condition and a second cache partition satisfying a second predetermined cache partition condition are detected, then the size of the first cache partition is increased by a predetermined segment and the size of the second cache partition is decreased by the predetermined segment. The spherical beads are 1 m or less in half bandwidth of the distribution of particle diameters and are made uniform in height projecting from the coating layer 18.

1459827451-2ad95439-672c-4835-a564-5d90cff4d7a8

The core layer of a core substrate is made of carbon fibers impregnated with resin. A stirrup, tab and tunnel are disclosed. Secondly, placing the growing substrate and a quantity of catalyst separately into the reacting room. A cutting mechanism having at least one blade is provided for contacting the substrate and inducing a cleaving wave therein.

1459827451-339dbe65-756d-4ee3-8d03-beebd774a117

Disclosed is a sports training glasses for assisting a person training in a sporting endeavor requiring handeye coordination to focus on a specific object, such as a baseball or golf ball. One aspect provides a technique to generate fingerprint of computer and its user based on the information collected through the actions a user conducts on internet. The door handle assembly also comprises a bolt moveable from a first bolt position where at least a portion of the bolt is inside a wall aperture, thereby engaging the door into the wall aperture, to a second bolt position where the portion of the bolt is outside the wall aperture, thereby disengaging the door from the wall aperture. The local memory of the idling SPE stores data stored in the global memory and used by the processor core of the running SPE, before the data is used by the processor core of the running SPE. The electronic ballast system includes a circuit that allows for a fluorescent lamp to be energized without the preheating of it cathodes, as well as includes a circuit for power factor correction that uses of an average current mode implemented by a pulse-width modulator to derive a power factor for the electronic power circuit that approaches unity.

1459827451-880097c7-d79f-4df7-a937-343b38b30e90

An original feeding device for feeding a sheet-shaped original comprises an original loading tray for loading the original, a width direction aligning plates and for aligning the width direction of the original loaded on the original loading tray, and an original size indicator. A theoretical approach based on a carefully developed model could shed light on its likely general structure, thereby providing guidance to experimenters. Having latched an indication that the microprocessor has been removed and replaced, the detection circuit asserts appropriate signals to start the microprocessor in a safe mode.

1459827452-044d8e81-63c5-4cb7-8fdb-6451da231393

Methods and systems are provided for controlling SCR performance in a boiler. Also disclosed are a contraceptive kit or hormone-replacement therapy kit comprising the drug delivery system, and a combination preparation that simultaneously provides contraception and treatment of a sexually transmitted disease comprising the drug delivery system. The PLL behavior is based on actual circuit parameters and produces accurate behavior in a fraction of the time required using an analog simulator. The first, second, and third pulses are combined to synthesize a driving pulse, and the driving pulse is supplied to a laser unit. These rules are part of a charging policy, which may optionally be determined by the content provider. The electrical current generated from each cell is drawn away with an interconnect and support structure integrated with the gas manifold.

1459827453-4ec2c725-ea0e-4622-ac4c-147f946ab464

A semiconductor module and a data memory module having the same are provided. A control part obtains gradient vectors of the substrate in a plurality of gradient vector measurement areas and surface form of the substrate on the basis of outputs of the light shielding pattern imaging part, to obtain a stress in a film formed on the substrate. Each signal conditioning circuit has an output that is electrically connected to an associated control device. The second catalytic composition includes at least one of a zeolite or a second catalytic material disposed on a second substrate. Therefore the production cost of the winding base is reduced. The base unit has a base unit-gear segment portion and the transfer unit has a transfer unit-gear segment portion.

1459827453-5da1d98c-4975-41fd-a1d9-06c0d799face

Disclosed herein are systems and methods for reducing power plant CO<sub>2</sub> emissions. The integrated warning and vehicle lamp includes first and second arrays of LEDs arranged on a support projecting from the base. It also relates to devices containing such structures. The resulting polyMADAME is converted to hydrochloride and then blended/ reacted in an aqueous medium with tannin to obtain a homogenous poly-tannin composition. The method includes stabilizing the spacecraft, initializing the attitude of the spacecraft using star tracker data, and estimating the attitude of the spacecraft. The patch is attached to the cushion portion and is constructed such that when the airbag is in the inflated configuration, the airbag retains a depression between the cushion portion and the throat.

1459827454-225b8fba-1ce3-44c1-b89c-22a651d202b8

A backlight of an LCD device includes a protection circuit that permits leakage of a high voltage to a ground terminal. The handle has a blade seat, a cover, a cavity, a slide slot, a passage and a pivot slot. Responsive to a user selecting multiple install and configuration templates, the user is enabled to apply a relative weight for each of the selected install and configuration templates, wherein the relative weight is applied to each selectable software component included in the weighted template. The resilient core has an upper surface affixed to the inner surface of the upper retaining member. In particular, the present invention relates to photochromic compounds derived from benzofchromenes, which in the open form have especially long-wave absorption maxima making it possible to obtain violet to blue tints when used in phototropic glasses. Also provided are compositions comprising compounds of formula I and a carrier, diluent or excipient as well as methods of treating a disease or condition mediated by the binding interaction of alpha-4 integrins to its ligands such as inflammatory diseases.

1459827454-7d0f7935-2b5f-4894-acc3-d000fd0c4161

Embodiments of the invention are directed to systems and method for providing predictable timing for read operations in a multiport memory device. A blade is attached to the shaft. The server customizer module is installed on each of the plurality of servers for subsequent execution as part of the server build/customization process. Next, the support node of the legacy wireless network interacts with the packet switched wireless network to receive the mobile terminal's subscriber data.

1459827454-be74022d-8246-410f-b2e4-1c4fd8eecd1a

The invention is a communications system that provides communications services to an end-user. In some embodiments very high resolution and high color fidelity image display is possible. The binder comprises from 55 to 99.

1459827454-c6f8ea32-4d54-478b-baea-f1821f6bccd9

A method is disclosed wherein a server receives and stores report definitions. The speaker cabinet is acoustically coupled to the hollow member by a press-fit coupling having a press-fit direction and mounted on the body part by at least one

fastener having a fastening direction substantially perpendicular to the press-fit direction. Specifically, the instruction set simulator acts as a master to the simulator circuit, thus providing a faster simulation environment. The shift adding-and-subtracting means also execute shift addition-and-subtraction processing of butterfly operations that process shift addition-and-subtraction for one stage or more. When the load of coil is placed onto the liner of the present invention, the fingers thereof serve as the load-bearing surface, and bend or deflect in accordance with the weight of the load, to thereby support the load of coil. The other element sets may be controlled by respective output signals of the hybrid matrix.

1459827455-3f9a5d24-bebb-4ebd-bfac-3daca74d9c34

A device for cutting a sheet rock panel. Also described are irreversible inhibitors of Btk. The knock reset signal holds the knock detector in reset, thus disallowing or masking the processing of signals by the knock detector that may be mistaken for knock. Once the custom media channel is defined, an Internet search is performed based on the user preferences in order to identify media presentations for the custom media channel. A second cable is inserted through the opening of the stator slot and secured between this first cable and an opposing securing shoulder in the wall of the slot, after which a third cable is inserted through the opening in the stator slot and secured between the second cable and a securing shoulder in the slot wall opposite the second cable, and so on. The rod moves rapidly from the home position to the intermediate position.

1459827455-75992156-ea8d-4197-995f-fe4ecd349d44

A storage server for efficiently retrieving data from a plurality of disks in response to user access requests. In one embodiment, the magnitude of the ambient light is measured and an offset proportional to that magnitude is fed to the obstruction detection system such that the data indicative of an obstacle are not obscured. The tube has a bend adjacent the second end. A distal end of each extension arm has an axle non-rotatably engaged with a follower rotatably engaged in a vertical plane.

1459827455-8d4274b0-b0ce-4589-a92c-963ed157ec0b

One aspect of the present invention relates to a system and method for improving memory retention in flash memory devices. The flow of the fluid is further controlled by detecting sound within the environment at a second time and generating a second profile based upon the content of the sound detected at the second time. Data is recorded in the order of recording layers from closest to farthest from the pickup, and a recordable region in a user data area of a recording layer on which data is to be recorded is smaller than that in a recording layer between the pickup and the recording layer on which data is to be recorded. The embedded graphic may obscure some background data. If short selling of stocks and securities is not allowed in a portfolio, then stock selection becomes important so as to maintain the desired fractions to be positive. The actuating bow has two legs protruding from an upper web, which are displaceable along the side walls of the frame and coupled with a type unit arranged to be upwardly and downwardly displaceable and turnable within the frame.

1459827456-035755a7-50f2-4d64-88b1-d59e67523a45

The present invention provides a process for producing -mercaptoalkylpyridine of the formula . The centerbody of the inlet system is further provided with indexing segments which circumferentially rotate to provide longitudinal grooves or channels located on the outer periphery of the centerbody and which increase the effective flow area of the inlet. One of the slider and the supporting member defines a locking slot, in which the fastener is locked. There is a drive arrangement associated with an accident sensor to drive the moveable floor element rearwardly to a predetermined position. With this configuration, optical coupling between the optical waveguide and the light reception/emission device can be conducted

precisely.

1459827456-a26cf22c-0b27-413e-a7d4-aa5eb1d3e29e

The present invention relates to an electrically heatable glazing panel comprising a substantially transparent, electrically conductive coating layer which is adapted to be electrically heatable and is divided into a plurality of zones, some heatable and some non-heatable. The composition may be used in making a crosslinked, foamed gypsum product. Also an adhesive layer is made of the same inorganic material as that of the coating layers. In conjunction with the use of non-caching stores of processed results back into main memory, this technique completely avoids cache thrashing within the framework of a conventional microprocessor architecture. The unit has a gear change lever that controls the rotation of the shaft in a direction that winds the cable onto the pulley and a cable release button.

1459827456-d96d6163-beae-4ac9-8400-ce7c5e6c8dee

A new and distinct cultivar of Regal Geranium plant named \u2018Pacapur\u2019, characterized by its upright plant habit; vigorous growth habit; freely basal branching habit; and large red purple-colored flowers. The loop-shaped radiation element is configured to resonate in a plurality of resonance modes including an even mode and an odd mode. Compactor signatures can be read from a compactor on a per-pattern basis, and an expected signature can be loaded into a compactor while an actual signature is being read from the compactor. The system and method measures the presence of elements present in the sample being analyzed. An adapter is attached to the metallic hoop.

1459827457-31452b13-5a20-4117-91e9-d6d18b1994ea

Access point pictures designated as randomly accessible positions are I pictures or P pictures. 0; a magenta color having a\* and b\* values of +50 to +65 and \u2212230 to 0, respectively, at a green density of 1. If the identification information is determined to be local identification information, the processing previously registered for each terminal is locally executed.

1459827457-6461f5ef-9b54-4c54-8faa-ba0b24bb1bc2

The invention relates to various substituted isoquinoline-1,3,4-trione, the synthetic method thereof and the use for treating neurodegenerative diseases, especially as the medicine for Alzheimer's disease, apoplexy and brain ischemic injuries. Since the electrode surfaces are formed from the titanium oxide layers, organic substances contained in a measuring system are decomposed and prevented automatically from adhering or being adsorbed to the electrode surfaces. The Schottky metal-semiconductor barrier is formed on the emitter electrode and electrically couples with the extractor electrode such that when an electric potential is placed between the emitter electrode and the extractor electrode, a field emission of electrons is generated from an exposed surface of the semiconductor layer.

1459827457-a50330f3-75a7-44a6-b0e8-529d03eda276

A method and a device for monitoring an exhaust gas aftertreatment system, in particular an oxidation catalytic converter, are described. The oriented films may be manufactured by double bubble, LISIM, tape bubble, trapped bubble or tenter framing processes. Besides, the size of the outer ring corresponds to its location on the upper surface of the reflecting plate, and there is a predetermined ratio between the diameter of the outer ring and the diameter of the inner ring, and both of the outer ring and the inner ring respectively have at least one slot. The circumferential stress of the shell material,  $\sigma_{\theta}$ , at the core-shell interface and at the shell surface, is greater than 0 or can be compressive of a lower magnitude than a catalyst made of the shell material alone. The detecting unit includes a sensor unit including a first licensor and a second licensor; a setting unit that sets detection sections having the same section length in the first and second licensors; a focus detecting unit; and a section length



controlling unit. Additionally, the power conversion system also includes a controller that provides a self-adjusting set-point control scheme for the power converter.

1459827457-fe3948b8-1fef-455c-ba52-dd4d3c6f38ab

An integrated circuit having a plurality of devices. An imaging unit 15 is provided on a substrate 19 and has an optical axis in a direction perpendicular to the substrate surface. The transmit loop segments are disposed in a transmit zigzag configuration. The cutting edge is formed at a crossed ridge part between the wall surface of the chip discharging groove and the outer peripheral surface of the edge part. The porous matrix material has a lower dielectric constant than the corresponding non-porous matrix material, making the porous matrix material particularly attractive for a variety of electronic applications including integrated circuits, multichip modules, and flat panel display devices.

1459827458-3aae6ebf-625a-43f3-93f9-baa96dfd5705

Methods for analyzing, evaluating, and controlling risk of errors in language translation of medical device labeling are disclosed. The pictures preferably represent segments of the program which are spaced apart in time, enabling a relatively small number of such pictures to characterize a lengthy program, and are presented in separate windows on the screen of the same device used to display the video program. The mill is positioned adjacent a kick-off point and operated to form an open hole section. A sensor unit is provided for determining a position of the throttle flap shaft. Other embodiments are described and claimed.

1459827458-5c5bd44a-7934-4e18-8eda-fa7916be57b8

A floating harvesting header apparatus comprises a float pan pivotally attached at a front end thereof to the header at a front attachment location in proximity to the crop intake. The tube is provided with a feed element for introducing a fluid, with whose aid the tube is filled and thereby increased in its volume. In this zoom lens, the fourth lens unit has a positive lens element and a negative lens element, and satisfies the following conditional expression:  $\frac{1}{\text{Abbe number of the negative lens element of the fourth lens unit}} + \frac{1}{\text{Abbe number of the positive lens element of the fourth lens unit}} \geq 0$  ; and/or contacting the complex mixture with a carbon dioxide source; and recovering the cephalosporanic acid compound of formula from the mixture obtained after steps and/or. Each module may be powered by a separate power supply.

1459827458-8929b728-d395-4f84-b492-8774958a9497

A cup holder for an automobile, which includes a housing inserted and fit into a central housing, a body sliding on a housing and a holder combined to the body to support a cup so that various parts are installed parallel to the central panel, and the cup holder can be vertically mounted to a narrow space formed at one side of the central panel. The system includes a source of liquid and or ice which is adapted to be delivered to a dispensing outlet. A network device for deleting MME information is also provided. A hologram printer 5 receives the composite image file Fs generated in the image processing section 4 and prints a holographic stereogram based on this composite image file Fs.

1459827458-a644f96c-19a2-429f-991c-771bf5b5628c

A battery includes a cathode having an oxide containing one or more metals and pentavalent bismuth, an anode, a separator between the cathode and the anode, and an alkaline electrolyte. A plurality of thin, preferably resin-impregnated, flexible graphite sheets are arranged to form zones in a composite material having a graded density or other characteristic. In some embodiments of the external nasal dilator, the resilient sheet defines a groove for reducing the peel force that results from bending the dilator over the bridge of the nose. The deployment description represents the set of components and their interrelationships.

1459827458-a81c04df-8ea8-4796-b661-fbb91b6525dd

An image forming device includes a housing; a conveying belt, and a retaining member. Each fairing has two halves, with each half having a recess, or groove, to accommodate the cable. The data manipulation device is arranged to carry out the conversion by applying a pseudo-inverted form of a point-spread function matrix to a column vector representing the requested pattern. In the past, it has been somewhat difficult to control the shape of the entry ports when the manifold was molded of a single part. Then, the surface of the film is attached onto a surface of a substrate. Weight ratio of flow rate of primary recirculating exhaust gas tonh to amount of pulverized coal from a mill tonh is defined as GC, and the flow rate of primary recirculating exhaust gas is controlled so that the GC falls within a given range.

1459827458-d6587cda-1973-4566-95c9-784c89ed620b

Process for the regeneration of exhausted catalysts, containing one or more calcium aluminates, for steam cracking reactions, comprising treating said exhausted catalysts in a stream of water vapour at a temperature ranging from 700 to 950\xb0 C. In one aspect, a method is provided for determining before storing data to a cache-line if the storing of data will replace earlier data already stored in cache. Also disclosed are devices for carrying out these methods.

1459827459-02ce48e0-adb5-4a4c-a00d-1da21573ea03

Nanostructured non-stoichiometric materials are disclosed. An important aspect of the present invention is the provision of an ECC engine that responds to a specialized ECC instruction set having a plurality of instructions, such as a convolutional encoding instruction, a convolutional decoding instruction, and a cyclic redundancy code instruction. This is by combining the individual cams even before they are mounted on a shaft and joining them to this shaft to form a machining module, such that the individual cams are combined in their mutual arrangement in relation to one another in which the cams are to be mounted on the finished camshaft. Allocation of transceiver processing between high-latency processing and low-latency processing is based at least in part on the link parameter. The control unit maps the filtered information on a hash-tag according to a hash-function. The device receives the transmitting audio signal addressed thereto through a communication interface, plays back the signal, and uses a speaker of the device to generate sound.

1459827459-27a8435f-530b-4036-81b1-4df72b0557f4

Processing functions in a communication device are partitioned into a sequence of operational levels having corresponding status indications which are captured prior to a fault or other abnormal condition and retained during re-cycling of the sequence of operations for use in status monitoring or fault diagnosis. Each cell comprises two consecutive roller-counter-roller pairs, spaced by a distance smaller than a longitudinal extension of the piles, motorized in synchrony, suitable for adheringly gripping and drawing a pile; a sensor designed to detect whether each parking cell is free or occupied by a pile. The receiver and transmitter of each node can be an optical receiver and transmitter. At least one portion of the golf ball comprises a composition that enhances physical properties and/or performance characteristics of the golf ball. The grounding point is arranged below the first rectangular portion and near the power feed portion.

1459827459-f9b2ed82-cb47-449b-b46b-e59d9cebc867

Provided is a liquid ejection head for electrostatic ink jet capable of ejecting ink droplets at a low voltage and at high speed. The method includes the following steps. The indentation is formed in the shape of a recess or a valley to form the airbag into a heart-like shape. Electrical isolation is provided, at least in part, by air gaps that are formed in the row direction and/or air gaps that are formed in the column direction. The invention further relates to a diagnostic device and kit for carrying out the method. The present invention provides a tip containing the

solid phase capturing a nucleic acid characterized in that washing solution is fed into said tip unidirectionally from head to end.

1459827460-07a3fe81-384e-43be-aeaa-5b40a542fee1

Additional clock-outs are included on DRAMs in a multiple Dual In-Line Module Memory system having DRAMs of different data widths. A multi-layer display unit includes multiple stacked or overlapped display layers each adapted to render display elements thereon for viewing through the uppermost display layer. An input 28 and a display screen 32 are mounted on the housing 12.

1459827460-0a8dd81f-c9f4-4fd7-80ca-b95e599a5d52

Light sources are disclosed utilizing LED dies having at least one emitting surface. A plastic deformation pulse detection section and an elastic deformation pulse detection section of the determination circuit detect a plastic deformation pulse and an elastic deformation pulse, respectively, from a waveform of measured accelerations. A multi-layered structure can include at least a first single-ion conductive material layer, and at least a first polymeric layer positioned between the anode and the single-ion conductive material. The preset invention enables sample preparation and handling for diagnostic assays and biochemical analysis in an array format, and the functional integration of these operations. The window stays onscreen as long as no other windows are selected. The adjustable stud adapter includes a front surface, a side surface substantially perpendicular to the front surface, and a first positioning slot and a second positioning slot formed on the side surface.

1459827460-89977de2-da3f-4564-8271-3f5dc952e4

There is disclosed a liquid crystal display device that is adaptive for preventing the driving device defect of a driving circuit part and a method of fabricating the same. The sensors may include a lateral acceleration sensor and another sensor or combination of sensors that gives an indication to another lateral condition of the vehicle. In instances that the IC may process signals of a first frequency, the IC may be configured such that a loop communicatively coupled to the integrated circuit may function as an inductor. The elastically deformable casing part is a part of the lid member or of the outer member of the housing and is made of a thermoplastic synthetic material. Accordingly, the control unit can be shared among a plurality of types of uninterruptible power supply devices.

1459827460-a502e5ed-d8a0-48ef-8287-f5c51b439a6f

A vertical blind cut down apparatus has a head rail holding plate with a head rail opening for receiving the head rail. A control element is configured as a pump wheel controls the fluid connection between the inlets and the outlets. In this sense, the traditional RFID technology is in lack of security and an RFID can be tampered with in an arbitrary manner not to cause an alert. The invention outlines various pixels and weights saturation of anti-aliasing pixels to improve a user's viewing experience.

1459827461-b5a46a1d-529a-4623-9488-bed8339286ae

A method of measuring a parameter of a device in a circuit includes providing a device under test. In one embodiment, the valid updates to cells and the update times are stored with the cell positions as the primary index, and the valid updates to the same cell are arranged in the order of time. A motor is provided and has a motor case disposed opposite to the combustion chamber with respect to the head portion, a buffer member is provided which supports the motor and has a part located between the motor case and the head portion. The image of an initial state variable is found and then divided into a frontier of new states and a set of previously reached states.

1459827462-78584992-1243-4627-af76-74e8bc3c78e7

A method for determining the presence of slipping of a driven nip roller relative

to the web in a web printing press includes systematically changing the speed of the nip driver while monitoring the corresponding change in web tension difference across the nip. The satellite also transmits a loopback signal representing the received uplink signal back to the uplink station. Methods of employing topical oral dosage forms for treating bacterial infections that cause gastrointestinal disorders and halitosis, and for treating ocular and dermal wounds, are also described. It is possible to measure the blood pressure precisely even when the cuff is fitted onto a finger, thereby improving the reliability of the blood pressure measurement. The rotating member has a driving portion connected to the groove.

1459827462-fef76c10-468a-4dbc-9085-12e8207161aa

A fitting to prevent movement during seismic activity between a building structure or the like and a rod and channel support or the like connected to said building which may include anti-torque means between the anchor and the channel for preventing rotation of the anchor about the rod. The material is formed of a pigmented castable liquid vehicle having dispersed therein a quantity of discrete particles of higher specific gravity than the liquid vehicle. The engagement member is free to rotate and move within an area defined by the delivery system, allowing the implant to react to forces imparted to the implant by the movement of the delivery system and implant through a delivery catheter. The predetermined angle compensates for a line of sight angle of a user into the container. Various embodiments provide for multiple products and multiple bottleneck workstations.

1459827463-9fdcdf97-a564-4815-b1eb-60dd9818da60

Methods and systems are provided for communicating with a technician at a customer service location in a telecommunications system. The self-learning tool receives input files from legacy data systems. The first and the second output terminals provide a differential output signal. In assembly, the mask plate covers upon the button panel so that the button holes are aligned to the buttons on the button sets.

1459827464-5affff20f-06cf-46e6-8e86-609393acbcd5

The present invention relates to separator-electrode units for lithium batteries and also to a process for their production. In the device, the pump source is placed at the side of the incident end surface of the laser crystal; the laser cavity includes a plane reflective mirror and a first plano-concave mirror, the reflective mirror is placed opposite to the concave surface of the plano-concave mirror and located on the position of the focal radius of the plano-concave mirror. At the start of the drive unit, these two components are activated one after the other. Then, the removable layer with base film attached thereto is removed, so the underfill layer well encloses the bumps of the wafer and is easily separated from the base film layer and the removable layer without damaging the bumps formed on the wafer. The reseller is not required to answer numerous and often repetitive prompts for each application, but merely the location of the desired application.

1459827464-b2ffcb52-3ae3-4734-8c17-3267ea30662b

A wrist implant requires minimal resection of the distal radius and preserves the sigmoid notch and articulation with the head of the distal ulna. This invention also relates to inbred maize lines derived from inbred maize line PH876, to methods for producing other inbred maize lines derived from inbred maize line PH876 and to the inbred maize lines derived by the use of those methods. The patterned mask includes a substrate including a first region and a second region, a multilayer mirror above the first and second regions, an absorption layer above the multilayer mirror in the second region, and a defect in the first region.

1459827464-c75cb43b-eb3c-42dd-885b-7dcd797ab35b

A process cartridge includes a toner unit including a toner containing space and a toner supply space. It includes a housing, of a light socket, into which a single

or double threaded plug may locate, and which provides an upward orientation of the upper threaded plug with a light socket for threading directly into the recessed lighting fixture, for installation. The thermal interface material can have one of several cross-sectional profiles to facilitate reflow thereof against a die during a method of assembling a packaged microelectronic device. The controller is responsive to operating parameters to configure the adaptable data path to align a logical clock pulse on the signal received from the first clock domain with the same logical clock pulse in the second clock domain based on a measured delay between the first and second clock domains. In this case, the divided lamination iron core is held by the insulating bodies and the concentrated winding.

1459827464-da104241-31aa-42d8-98a7-fae01fbcb59a

A method of controlling a clutch-to-clutch transmission. The filter member forming an enclosure about the backflush discharge tube and having a surface area of sufficient size to allow water to pass through the filter member at a flow rate at least equal to the flow rate of the water entering the opening of the filter member. A delivery catheter 2 is advanceable over the guidewire 99 for delivery of the embolic protection filter 1; the delivery catheter 2 having a proximal end and a distal end. Once the blocks have been stacked in place in a wall, grout or other suitable filling material is poured into the cross-linked structure of channels. Otherwise, a thin film layer containing the material having superelasticity or shape-memory effect is formed on the anode active material layer.

1459827464-e8d41d34-9939-401d-a21e-64bd268d7802

Methods and systems for blocking unwanted software downloads within a network. By interposing a second urging member between the driven member and the coupling member, the driven member is urged in a longitudinal direction. It is possible to register arbitrary plural points as a recoverable point by setting a recovery flag included in journal data. More particularly, an interlayer comprising the second catalyst and the third solid electrolyte, which shows oxide ion conductivity of more than 0.

1459827465-460660b1-7d80-4975-b4eb-34790629242a

A method for ionizing and desorbing a sample for analysis includes energizing a first and second electrode to produce a glow discharge at atmospheric pressure. Local entanglements are created on an on-going basis between qubits in neighboring pairs in the chain through interaction of the qubits with light fields transmitted between the nodes. The amount of light reflected onto the photosensor is thus a measure of the amount of moisture at the surface of the sensor. The headlift tab includes a convex headlift region formed out of one of the two metal layers. The impeller and rotor assembly includes an interconnecting arrangement and a locking arrangement that permit continuous rotation in a first direction and prevent continuous rotation in a second opposite direction. Placement of seed and fertilizer is achievable in a single pass over the area to be seeded without need for a second opening implement rearward of the disc and without being limited to the use of liquid fertilizer.

1459827465-90916775-f90e-41d4-85d4-b919ad153ba3

A system that visualizes a clock tree for an integrated circuit receives an extracted cell library, an extracted clock netlist including clock headers and interconnects, and simulation results. The basket is moveable in response to downward and/or lateral forces applied against the basket. The method includes the step of determining a physical state of the insulation fluid by measuring at least three measurement variables with sensors. In its preferred embodiments, the third member comprises a telescoping shaft, which is adjustable to a plurality of potentially desirable lengths. The selected delivery server can then serve the content item to the end user system.

1459827465-dd2eded7-b2cf-47ae-aa6a-fa333207b3ce

A gas supply system for a cooking appliance includes a burner valve operatively coupled to each surface burner, and a lockout valve configured to control gas flow to a manifold. Single step reforming combines the steam methane reforming, water gas shift, and carbon dioxide removal in a single step process of hydrogen generation. The processor is used to randomly assign a plurality of attributes across the plurality of plays.

1459827466-056a7ddd-5ada-4699-b5f5-c4426ffbd268

In a method for deriving information about a selected monosaccharide or polysaccharide such as glucose or glycogen, a selected modification such as saturation is made of magnetic resonance at a magnetic resonance frequency of protons of hydroxyl groups of the selected monosaccharide or polysaccharide. The corrugation structure of the RF slug of this invention provides the slide-screw tuner, with a single RF slug, the same electromagnetic performances than double slugs slide-screw tuner, i. Each output medium identifier specifies at least one of a plurality of recording media that can be used to store coupon information.

1459827466-286447e1-9bad-422c-a900-5b40cc17295c

Wireless devices, systems and approaches or methods having the capability of determining the location of a given wireless device. Service options and terminal capabilities for PoC Clients are stored in the network, preferably in a PoC Server. At least a portion of the feature delivery settings is specified by an end user of the computer system. The system also comprises a media adapter. The attributes can then be used to detect one or more defects in the wheel. The system security architecture installs and associates private keys with the nonvolatile memory to create a secure execution environment resistant to virus attack.

1459827466-3da0cf28-bfb1-40b4-9ffe-ffdb247416b5

Method of automatically producing a defined face opening, in underground coal mining, during longwall mining operations having a face conveyor, a disk shearer loader and a hydraulic shield support. The barrel surface of the housing includes a key recess whose width exceeds its depth, and a plurality of code pin channels are preferably disposed in several rows. A heating device heats the gas in the introduction channel to substantially the temperature of the human body.

1459827466-834589fb-3040-487d-8445-45fd41e73051

Memory devices and methods are presented for selectively reading or writing rows or columns of memory cells in a ferroelectric memory array, wherein sense amps are selectively coupled with row lines or column lines and decoder outputs are coupled with column lines or row lines for row or column memory access operations, respectively. The docking station has a first electrical connector that fits into the first port when the portable electronic device is coupled to the docking station and a second electrical connector that is adapted to be electrically coupled to the second port or the jack when the portable electronic device is coupled to the docking station. The device may additionally include a preamble synchronization unit to detect a preamble of the received baseband signal, and to measure a chip phase offset and a baseband Doppler frequency shift associated with the received baseband signal. A macrocell excluding the non-circuit areas be used efficiently so that reduction in chip area can be realized by using the integrated circuit including the macrocell according to this invention. If the received message includes the encoded envelope, the defined parameters are transformed to coded parameters in a common format.

1459827466-a1634318-f6d9-4ca9-ab1a-a49d64fbef2c

A printing system, available to a population of users on a network, checks whether files in recently-received print jobs are identical to files which have been previously decomposed or rasterized within a particular time frame prior to the submission of the job. The integrated pair of transistors includes a semi-insulating substrate of a compound semiconductor III-V material, a first epitaxial

structure disposed on top of the substrate, a second epitaxial structure on top of the first epitaxial structure, and a third epitaxial structure disposed on top of the second epitaxial structure. The sealing member is slidably coupled to the tube proximate the second end and is sealed about the tube.

1459827466-a3f45509-960b-42fb-8b53-2690012344fb

The invention provides a portable telephone apparatus wherein, when a necessary voltage is not obtained from a cell because the cell is removed or consumed, data can be backed up with a simple configuration and at a low cost. A dither amplitude of one or more MEMS mirrors may be adjusted in an optical switch having an input port, and an array of one or more MEMS mirrors that can be selectively optically coupled to one or more of N\22673 optical inputoutput ports. The power application monitors the usage sensor for a signal indicating movement of the device from a resting location when the device is in a low power mode and upon detection of the signal for provides power to at least one additional element in the device.

1459827466-fffae370-1a1d-4087-8b5a-d6614a4957d9

Hot-electron injection driven by hole impact ionization in the channel-to-drain junction of a p-channel MOSFET provides a new mechanism for writing a floating-gate memory. When the squeezable container is squeezed, it delivers liquid from the squeezable container to the pouf to apply the liquid to the skin of the bather. Upper and lower heating platens are mounted to the frame and are in thermal contact with the bottom and top run, wherein the food to be cooked is initially exposed to heat from the lower platen conducted through the dispensing platform portion. With the above arrangement, the user can read on the table while easily scan the contents of the book without damaging the book.

1459827467-1f4b6ea7-1a6c-4157-93e9-034eef33807f

The present application relates to the fabrication of an electronic component. The wireless communication network comprises a call processing system, a translator system, a first base station system, and a second base station system. The polarizer is configured to transmit light of a specified polarization and to reflect light having other than the specified polarization. An on-going drug therapy may be determined, taking into account post-implantation hemodynamic function. In other industries the uses maybe represented by measuring and controlling of highly transient flows with a need to accurately perform quantitative flow data in wide range of timing and dosing.

1459827467-4bc392fc-0a04-4f56-9caf-51c69af294f7

A train control system includes positioning systems at the end of the train and at the front of the train, allowing the conductor or engineer to unambiguously determine that no cars of the train have become detached. The master document can specify element names which correspond to fields of the data object. Co-precipitation of the oxides and/or oxides and phosphates is then accomplished by an adjustment of the pH, to provide a surface treated pigment with excellent homogeneity of the deposited mixed oxides and/or oxides and phosphates.

1459827467-6a15bf25-f59f-4b24-9d40-6eddc5b4271

A pontoon provides buoyancy for a protection barrier to be provided in a body of water. The single processor is used for receiving an inputted electric current and a control signal. The tether may also be threaded through openings in the curved partially tubular body of the float-free link. The conversion portion receives a scan conversion instruction from a central processing unit, sequentially selects the input channels in a specified selection order, and successively performs AD conversion. A top plate being foldable along a folding line relative to the side plate has protrusions which are engaged with the receiving portions when the top plate is folded the folding line toward the side plate. The system collects and stores information about a user as the information is needed to accomplish a function, shielding the user from burdensome data entry.

1459827467-d196f756-b03e-45b9-b918-fdec90099a44

In various embodiments, a water inlet of a toilet fill valve receives water from a water supply. One of the methods includes receiving a snapshot S of a code base of source code and a different snapshot T of the code base. The NCI channel is transmitted over a first frequency channel and the CSI channel is transmitted over a second frequency channel. The programmable filtering criteria is implemented by a filter table that stores a flag associated with each tag type.

1459827468-a01ea8b7-b608-4ab5-ab22-78321c8b1d23

A composition for sunscreen or sunscreen enhancer is disclosed. The shelves each include a portion of a piece of visual art, such that when each of the shelves is positioned approximately vertically, the portion of the visual art is displayed and further such that when all of the plurality of shelves are positioned in the approximately vertical position, the entirety of the visual art is displayed. After components in the air maintained at a predetermined temperature are analyzed, the sealing member is detached from the cylindrical member and the cylindrical member from which the sealing member is detached is then brought into intimate contact with skin of a subject to collect the skin permeable gas. A knob is rotatably coupled to the cam pin.

1459827468-e881d93b-d2f2-4688-8300-2ba8a4543f59

The claimed subject matter provides a system and/or a method that facilitates configuring at least one radio frequency identification device. The request attribute list associates the data value name with an attribute name and with a schema name. The spindle member extends through an opening in the drum so that the drum is rotatable about a spindle axis defined by the spindle member.

1459827469-109dbe8e-b153-472f-9c73-73220a9edc67

A method for performing a shuttle shift with a continuously variable transmission of a work machine is disclosed. The plug includes a first portion defining a cylindrical hole about the axis. Thread operations are queued to the work queue when the work queue is in a running or suspended state, and when the work queue is in a stopped state requests to queue thread operations are denied. Accordingly, the quantity of key strokes required for connecting to a web site is reduced and user convenience is improved. If a PVL gets congested, then a state machine adjusts priority of R\_RDY distribution scheme of other PVLs to transmit frames. The mask is movable between an engaged position wherein the mask obscures a portion of the workpiece and a disengaged position wherein the mask is disposed away from the workpiece.

1459827469-11167454-ba41-4d41-8350-db15f9b6ea4e

Methods and apparatuses for transmitting and receiving enhance the performance of a system utilizing interleaving and transmit diversity by reordering the sequence of symbols transmitted along the different transmission channels. A supply regulator is connected to the positive high-voltage supply. Also provided is a method for the identification of polymorphic markers in a bacterial population. An image connection section 26 connects the sub-images together and thereby obtains a high resolution image of the structural element. An atomic layer deposition apparatus is disclosed. The motor gives the cutting disk a rotational speed sufficient to both remove the husk of a garlic clove which comes in contact therewith, and mash the garlic clove and fling particles thereof outwardly onto the inside surface of the cover.

1459827469-24403270-b291-41f7-be6e-cdb99e0e17de

Systems, methods, and apparatus are described that employ specially designed interference patterns to build an in-band side channel without degrading the effective throughput of the main channel. The paper-breaker touching safety protector with this structure could effect a protective rule from the accident harm



and a real-time monitor; the controlling is safe and sensitive with a simple circuit structure and reliable operation performance, it functions a convenient manipulation and wide usability with the safety. The duration of the pulse and/or space is selected from a list of predetermined durations, each corresponding to a different base 10 number. This facilitates a wireless communication using a remote control as a relay station and without the influence of background noise. Moreover, the multimedia queue manager updates the queues in response to actions of the subscribers and/or actions of the recording devices of the subscribers.

1459827469-59840f0d-5745-4999-9f50-8307d115c9d3

The present invention is related to a method of producing polycarbosilane by heating polydimethylsilane at low pressure within the range of 320 to 450 °C. A discharge device is adapted to discharge the capacitor if the voltage across the capacitor reaches a threshold voltage, at which point the next value in the sequence is selected to determine the next charging time. LDD regions and at least part of which overlaps a gate electrode are provided in a second n-channel type TFT of the control circuit. 2, and wherein the volume ratio of large and small beads in the column: Total volume of large beads/Total volume beads is in the range 0. The first CDF is configured for propagating CDRs toward the CGF.

1459827469-a24ad0ea-3d2e-4743-8fb4-bcd520999746

A cache region can be created in a cache in response to receiving a cache region creation request from an application. By monitoring call associated information, speech, and voice characteristics of the call interaction, the system and method determine whether calls are being handled properly. By immersing the terminal portion of the electronic component in the viscous fluid transfer surface, the viscous fluid is transferred to the electronic component and the electronic component is then mounted in a predetermined mounting position.

1459827469-fcfdda92-b3fa-4358-919e-bcb620fd5767

A touch panel and a method for fabricating the same are presented. The gimbal mechanism is configured to rotate about a first rotational axis and a second rotational axis that is perpendicular to the first rotational axis. A plurality of cables are at least partially supported on the moveable portion of the nacelle, the plurality of cables being selectively electrically coupled with the generator.

1459827470-0a295a02-0fad-485c-bde7-d26b4a687b2c

A luminescent particle includes an interior portion of the luminescent particle comprising a luminescent compound that reacts with atmospherically present components and a passivating layer on an outer surface of the luminescent particle that is operable to inhibit the reaction between the luminescent compound and the atmospherically present components. An air-tight housing prevents odors from leaking out. The first locking piece elastically engages first appliance side locking portions, and release an elastic engagement by receiving an external force to an engagement releasing position.

1459827470-1be5f325-b262-4d54-a802-bb3820f9580f

The invention includes cohort analysis as an element of an in-vehicle navigation system. One such compiler parses a human readable expression into a syntax tree and converts the syntax tree into an automaton having in-transitions and out-transitions. The controller then identifies a digital video effect to be run by the driver.

1459827470-2d36e2bc-d8d6-4a8c-8c1f-04238a4fd002

A method of providing navigational information includes processing destination information spoken by a vehicle occupant on-board. The apparatus detects a layer structure in the retina from image information of respective lines of the tomograms along the thickness direction, and appends structure information to the respective lines based on the layer structures detected for the respective lines. The

processing system may be configured to determine a position of the input object in the sensing region, and determine force information for the input object based upon the position of the input object, the force applied to the input surface, and a location of the force sensor relative to the first axis.

1459827471-19baa320-670c-454e-a136-076b37a4c7d4

An optical communication system includes a plurality of optical adddrop multiplexers. Next forming step forms electrodes at predetermined positions on the substrate. The accessing is implemented as a set of calls to CRUD methods accessing the entities composing the virtual entity.

1459827471-2dbd6f7c-97c1-48f5-95cb-9f24acbe44a6

A process and apparatus for the recovery of ethane and heavier components from a hydrocarbon feed gas stream. The control circuit carries out a sustain discharge to decrease the volume of wall charges, accumulated on a display cell in which a sustain discharge is not intended, to a level which cannot generate a sustain discharge. The actuating piston is structurally separate from the control valve and the actuating piston is connected to the valve piston of the control valve by a readjusting spring that opposes the control force. A switching control circuit selects the analog driver circuit and the PWM control circuit when the motor is to be rotated at speeds lower and higher than a predetermined speed, respectively.

1459827471-3885f399-a912-4e07-a6e8-7441109227ac

An image contrast correct system and method thereof is provided. In general, the wriggler may include a base surface, at least one interface wall, and at least one guide wall. The track has interchanges whereby the moveable member can be moved in one of different directions. The user is able to use the single, secure medium to conduct many transactions. Therefore, the circuit is interrupted by the over-current protection element to show a broken circuit status in order to stop heating up. A machine screw is turned to pull the retainer to pull the arms towards the base and force the cam surfaces against the base.

1459827471-5995d7ec-137d-4005-824f-1c7dfab4ab13

Kits including novel fluorescent derivitization reagents for labeling an aldehyde-and/or ketone-containing target substance in a sample are described. An apparatus for modulating an intensity of a radiation beam generated by a radiation source includes a filter, and a positioner secured to the filter, the positioner configured to move the filter relative to the radiation source. The trunk loop includes a back strap which in use of the harness lies across the back of the animal affixed to a lower strap which in use of the harness passes under the animal behind the forelegs. The combining logic combines a current picture with a prediction picture to produce a combined picture.

1459827471-b60e0947-c129-4696-a3c3-1cb736ff27fa

A method and a system of maintaining a rechargeable battery for an electronic device capable of utilizing the battery as a power source are disclosed. Each of the controllers comprises means for sending its own operational information towards other ones of the controllers via the internal communication path. The processor may be configured to access flow records for data flows associated with the mobile devices during a predetermined time interval. For example, more detailed metadata can include song lyrics and album art when the main program is a song, while if the main program is an advertisement, the additional information can comprise information for furthering completion of a transaction. At least one non-electrical temperature sensor is mounted in fluid communication with the vent line. The DFE may be extended to multiple taps by including additional flip-flops.

1459827471-fa3d4e53-6c72-4b3d-b399-a47f14037a88

The present invention provides compounds of general formula as useful potential antitumour agents against human cancer cell lines. The controller performs logical

to physical address translation, and includes a Write Pointer for pointing to the physical sector address to which data is to be written from a host processor. Mating surfaces of the bearing inner race and the bearing outer races are configured and are coated with a lubricant to provide bearing surfaces for the wheel. The light emitting module is disposed at one side of the light guiding core.

1459827472-bc453c60-ce7d-436a-934c-cf4c91bb156c

A system for encouraging the use of renewable energy sources and suitable for the conservation of energy resources through the efficient management of energy storage and delivery includes connections to a power source, an energy storage subsystem, and a power grid. The rack comprises an elongated push-pull member which is connected to the patient table and which has a length that exceeds the length of the patient table. The architecture also has plugin modules for allowing a user to customize the policies. The bridge maintains a pair of counters for each source in a SoC to track the numbers of outstanding read and write transactions. When the fine delay of the selected phase-shifting path circuit has a threshold value, the control circuit develops the selection signal to select the other phase-shifting circuit. The hash table may be used to provide a reverse obfuscation method by which original data can be restored to an obfuscated document.

1459827472-e3f21af0-099d-4448-9fec-3f72717a0cfc

A waveguide structure according to the invention comprises a core layer, a cladding layer and a buffer layer. Example embodiments provide a dynamic GPU allocation system, which enables the efficient allocation of physical GPU resources to one or more virtual machines. The diagnostic information transmission mode is initiated by transmitting an initiate diagnostic link mode message to a receiving modem accompanied by a cyclic redundancy check. The maximum field height  $Y_{\text{imax}}$  within the image field is at least 40 mm; the image-side numerical aperture is at least 0. Allocation may be performed only if there are sufficient available resources and deletion may be performed only if there are no active IO transactions on the allocation being deleted. In one example, data received across the logical interface is tagged with an associated VLAN ID by the unit.

1459827472-ee4de410-f8a9-4cbe-9617-1437063bc913

A safety discharge valve includes a siphon-type open/close device, a valve cover assembly, a valve rod, a valve body, an extensible side-sealing top-pressing assembly, side rotary sealing plates, a tapered bottom valve plug and a side water inlet emergency plug. The supply voltage modulation types include ET, APT, DC-DC, dual, multi-state or fixed voltage supply voltages. The soldier restraint system includes a seat assembly comprising a seat and straps. Prior to normal operation of the first product, a first code is set in the first part, and this first code causes the first part to provide a first programmable function during normal operation of the first product.

1459827472-fcd7c089-846b-465d-bb9d-d83e4704953f

System and method for presenting items and obtaining user selections of those items. The crown portion includes a main portion made of a fiber reinforced resin, and a front edge portion made of the metal. The image processing apparatus has an image acquiring section which acquires the image information and an edge processing section which conducts edge processing with respect to the image information to distinguish the second image component with respect to the first image component.

1459827473-791f235d-e651-46dd-9611-a9332d19419f

A low-temperature fuel cell assembly including of a low-temperature fuel cell in combination with a sweeping gas circuit for at least the anode part thereof. A spring and cams are arranged to hold each of a pair of handles either extended or folded with respect to the tangs of a pair of pliers jaws or the like. A polarizing rotator is disposed between the first polarizer and the second polarizer. The lure can be repeatedly and selectively activated by the angler to impart a sustained

oscillating motion to the external appendage.

1459827473-cd331624-77e3-4210-93a1-255a332ccd2f

A wafer comprises a transducer having an air-bearing surface and including a magnetic structure characterized by a desired thickness, and having a bevel and a flare point a first distance from the ABS. The agent has the following formula:  $X_nH_w$  wherein X is a C6 to C16 group selected from the group of linear, chains, branched chains, aromatic rings, and combinations thereof, A0 is an alkyleneoxy group selected from the group of ethyleneoxy groups, 1,2-propyleneoxy groups, 1,2-butyleneoxy groups, and combinations thereof, and n is from 3 to 14. Regeneration tower refluxed water is supplied as washing water to the second-stage water washing section 65.

1459827473-d298c084-630b-4388-a6f6-f7ea9314e4d6

Provided herein are compounds of the formula :as well as pharmaceutically acceptable salts thereof, wherein the substituents are as those disclosed in the specification. The method further includes, subsequent to the initialization process, processing subsequent force data signals according to the identification of each of the plural force platforms. A loop gain measuring unit measures the loop gain of the spindle motor control unit during a test in the manufacturing process, adjusts it into an optimum loop gain, and stores it as a default lop gain in the apparatus. Under ESD-zapping conditions, the ESD detection circuit will provide some trigger voltage or current to bias the ESD protection device.

1459827474-46510cbf-9fe1-4509-8c9a-b99a8ada34df

A process of forming a two-piece pole for an inductive write head involves first forming a first pole piece having a width between opposite side surfaces defining a gap width of a transducing gap at an air bearing surface of the head. As such, the transmitting device may then transmit a data frame on one or more of the unutilized subcarriers to a receiving device while transmission activity is present on one or more utilized subcarriers within the network. The insulating film which has been exposed to the atmosphere of the mixed gas is heated to a predetermined temperature. The liquid state of the dispersed phase allows one to manufacture extremely stable, pharmaceutically acceptable emulsions with particle sizes typically below 1000 nm.

1459827474-5e6049b0-43f9-4cc5-b439-2d54920e812d

A process for recovering crude 1,3-butadiene from a C4 fraction by extractive distillation using a selective solvent in a dividing wall column in which a dividing wall is arranged in the longitudinal direction of the column to form a first subregion, a second subregion and a lower common column region and which is preceded by an extractive scrubbing column is proposed. A preferred embodiment includes a water tank with two water nozzles mounted in front of each gutter broom to lower amount of airborne dust. A control device is provided for operating the permanent-magnet-type generator as a motor at a time of starting the gas turbine, and supplying alternating-current power from a direct-current power supply through the inverter device or another inverter device in addition to the inverter device to the generator for increasing a rotational speed smoothly from zero. A second two-dimensional lensing surface is provided by introducing a defined curvature to a turning mirror in the system. The method may also include extracting a recirculation portion of the compressed air and directing the recirculation portion into the inlet of the compressor.

1459827474-b839f42f-82d5-4a8b-94f3-307b2db574cf

Provided are target detection substrate for target detecting apparatuses capable of detecting various targets such as pathogens, biological substances and toxic substances without using a costly measuring apparatus; which can detect these targets with a low measurement error, high efficiency, simplicity, speed and sensitivity; and which can make a quantitative detection thereof. The one or more

criteria may be based at least in part on an input provided from a designer. Time filtering is utilized to combat excess delay spread effects in channel estimation.

1459827474-ea9f52f2-3c87-4284-886b-7457814b71e1

A multi-capillary inlet to focus ions and other charged particles generated at or near atmospheric pressure into a relatively low pressure region, which allows increased conductance of ions and other charged particles. The aft and forward gripper assemblies are adapted for selective engagement with the inner surface of the borehole. The master disks can be aligned while the alignment marks are externally observed. Methods of making and using these genes and proteins are disclosed as well as methods for the recombinant expression, and transformation of suitable host cells. The method includes a step of diluting a concentrate located in the metering apparatus by taking up a diluting agent from the extracorporeal circuit.

1459827474-f1dbaded-ec55-40fb-9dae-7e7fb514149b

A method and an apparatus that enables converting a high voltage lighting fixture for use with a low voltage lighting system are disclosed. The differential axle has a differential gear housing, which utilizes a sealed housing on the outside thereof and a bleed flow path for pressurized liquid lubricant actuating a differential lock feature to provide adequate cooling flow for the differential gear set and differential lock mechanism under heavy duty circumstances. In the deposition position, the wafer carrier is detachably mounted on an upper end of a rotatable spindle without an intermediate susceptor. The metal foil is wound or stacked to form first and second channels in opposite directions. High permeate flow can be maintained for long periods of time between shutdowns for intensive cleaning.

1459827475-4bf0d688-3c4f-4734-bc3f-84a1bc035fdb

The present invention relates to a game wherein the objective is to retrieve a special die from a specific location and return with it to the starting point on the playing surface. In a preferred embodiment, the LCD comprises a liquid crystal display panel, the liquid crystal display panel comprising a pair of transparent substrates, liquid crystal material sandwiched between the transparent substrates and transparent electrodes positioned between the liquid crystal material and the transparent substrates. An array of optical sensors positioned on one side of the disk can read reflective and absorptive patches attached to the disk's surface to identify disk position and disk rotation.

1459827475-76a031e6-6860-494f-8232-578a563e482b

To provide a method for manufacturing a color selection electrode structure easily capable of measuring a tension amount of the color selection electrode in the process for manufacturing the color selection electrode structure and a color cathode ray tube using the color selection electrode structure. The assembly also includes two sets of rolling elements between the rings and in angular contact with tracks defined by the rings. The encoding apparatus also includes a memory for storing a number of first order Reed-Muller codes. Protective garments constructed in the past typically lost most of their water repellency after being laundered as little as five cycles. Thus, the storage system realizes its scalability. The tubular piece on which the spring is mounted has faced lateral end borings on which several balls are positioned in the interior tubular piece with the balls remaining in the flaring area of this piece.

1459827475-9e3f6f3f-2870-42fd-be9f-55da63f9e6b3

A door and/or window stopper includes two branches each having a contour tapering toward a tip and further includes a coupling body, which is at least partially made of rubber or a flexible, rubber-like thermoplastic material or elastomer, wherein at least outer surfaces of the branches have a relatively high friction coefficient. An asymmetric multiprocessor includes a hardware resource mediator that mediates request signals requesting permission to use arbitrary hardware

accelerators from CPU cores. A target current needed to achieve a desired fuse blow time for the identified fuse type is obtained from a lookup table.

1459827475-b5012892-48ef-4bf8-9524-3ddfd42467e9

The invention concerns a device for creating a vacuum in, and sealing containers for the preservation of vacuum packed products. The link has another end connected to the swing rod and the swing rod has two limbs on two opposite ends thereof. The cage includes relatively flat portions on an outer face the cage surrounding window areas that hold the rolling elements in place.

1459827475-bed7a186-986c-4f71-9116-4a5fbbc581b4

A gate driving circuit includes cascaded stages, each including a pull-up part, a carry part, a pull-up driving part, a holding part and an inverter. The shoulder guide is connected to a rotatable bearing positioned perpendicular to the ground, whereby the golfer's shoulders may only move in a vertical plane, ensuring that a pendulum stroke is achieved. These compounds are useful in the control or treatment of diseases mediated by this receptor.

1459827475-c99a2889-8bbc-4e7c-b52d-e41df747fb4e

The invention relates to a communications manager for receiving publications and forwarding these publications on to parties who have subscribed to receive such publications. The debarking shaft has its teeth designed as a number of annular tooth rims, each of said tooth rims comprising two or more releasably connected elements, having the outer periphery provided with the teeth and said elements being adapted to be fitted around a body member of the debarking shaft by way of press clamping. Extendible members with multiple interfitting stages permit a relatively large range of distraction capability in a compact package. Ink jet inks containing these self-dispersing pigments, are also provided.

1459827475-f8e5c6b9-08df-41a2-9c82-c512b18a8c3f

A method and apparatus for determining the cause of degradation in a product or device. In particular, the present approach is directed to methods of manufacturing magnetic fluid that is resistant to aggregation and clumping, and is more stable over time. In a particular embodiment, the display control system is a windowing system such as is known in the art. There is a multiplier connected between the input and the shifter. The components are suitably formed from standard sheet metal and metal plate stock with minimal machining and welding required to form and assemble the economical jack stand.

1459827476-6127dd16-be56-4ac3-9fe7-f6fd47885de4

The present disclosure relates to a method of forming a capacitor structure, including depositing a plurality of first polysilicon layers of uniform thickness separated by a plurality of oxidenitrideoxide layers over a bottom and sidewalls of a recess and substrate surface. The device comprises an adaptor of iCAP type data flows into files adapted to be used directly by said server or by said client device ; the adaptor comprises means for communicating with the client device and the server and configuration file wherein isare stated the transformation service. The guiding frame is set over the circuit board for guiding and accommodating a card. The position information of the second modality is associated with the navigation unit. One or more structures anchoring anchor the connectors of the invention to layers of structural material placed on opposing sides of an insulation layer of the composite wall. A deactivation circuit is designed to deactivate the first regulating circuit depending on a current flowing through the measuring transistor.

1459827476-b4423a9d-338a-46eb-bdac-4cfe2708b112

Lithography masks and methods of manufacture thereof are disclosed. The NDT probe includes a testing sensor and a motion sensor. Moisture is removed using a condenser and knock out tank while a boiler provides heat to treat the dewatered

sludge. In another embodiment, a dielectric layer is deposited onto the first conductive layer, and the plasma treatment lessens if not eliminates the ability of the first conductive layer to incorporate oxygen from the dielectric. A metal organic sulfonate of a specified type is contained at least as a part of the functional improvement agent at a specified mass % of the total.

1459827476-f0bfa82f-1837-4518-873d-5f2b324d66ee

A liquid sample analyzer includes a flow cell, a light source, and a lamp temperature management system. By controlling radius ratio and the number of coupling aperture of each coaxial waveguide, high power and high purity of operating mode of electromagnetic wave can be obtained and the major parasitic mode of electromagnetic wave can be suppressed, so as to avoid crosstalk between coaxial waveguides. A magnetic material is provided between the integrated circuit and the package cover.

1459827477-332e776c-cefd-4463-9183-8a9f2415f168

A skate brake particularly suited for an inline skate includes a braking carriage formed of left and right plates spaced apart by axles that support rollers thereon. The top elements can have a  $\text{U}$  shape with raised edges. The present application contemplates a lighting ballast circuit that is able to power a primary high intensity discharge lamp and is also able to power an auxiliary lamp in the event of temporary or permanent failure of the HID lamp. During the operation of the IC, each particular time-extending reconfigurable circuit maintains at least one of its configurations over at least two contiguous cycles, in order to allow a signal to propagate through a signal path, which contains the particular time-extending circuit, within a desired amount of time.

1459827477-4490e4e2-9f79-426b-b7ee-40fb4b5e5de7

A handheld bubble making device includes a reservoir of bubble making solution that is drawn by a motorized pumping assembly and distributed over a dispensing surface. A first output gain stage receives the output transimpedance gain signal and responsively generates an FE core output signal. Version vector data may be transmitted between nodes of the circle share via a presence service in the form of short notification messages. Assemblies and articles with such preformed sheet offer a substantially higher ballistic protection level at a certain weight. Preferably, the wheels associated with a mechanical drive axle, particularly a rear axle of the utility vehicle, can be driven by a mechanical drive of the utility vehicle. A DFF is added to the header section H0 of each DIF block when transmitting DV data reproduced in the SDL mode of the DV format by way of an IEEE 1394 bus.

1459827477-c2810ecf-f17c-4371-9a9b-c3e60194a16b

A sling chair having side rails which connect to a cross member spanning the side rails. Methods of making the composite particles, as well as methods of using such particles as a proppant in oil and gas well hydraulic fracturing are also described. The compression chamber side opening is opened and closed by an end-plate of the fixed scroll according as the orbiting motion of the orbiting scroll to perform connection and blockage of the back pressure port. The portable lighting device has a housing, a charging circuit, a battery unit, a push-button unit, an LED driving circuit, an LED unit, and a controller. The second switch is coupled to a second input terminal. Next, a dielectric layer is formed on the top side of the conductive plug, and then a top plate is formed on the dielectric layer.

1459827477-deeb2e85-54a9-4ff8-927b-eac1963db0e4

A method and apparatus for improving the accuracy of in-band OSNR measurements using a conventional polarization extinction or polarization-nulling method. The wiring electrode is formed on the wiring substrate. The anode hub is at least partially surrounding the head of the shaft.

1459827478-06d0d1eb-a282-474d-b3c0-b4bda057caa0

A gun mount which includes a cradle for holding at least two weapons, a carriage for holding the cradle such that the cradle may pivot left and right, and depress and elevate, at least two ammunition trays able to supply ammunition to the at least two weapons, a pintle, and a link deflector. Therefore, a yield rate or a percentage of the weight of the ring-shaped member with respect to the weight of the raw material and the yield rate or the percentage of the ring-shaped member with respect to the blank can be improved, and the cost can be reduced. Samples received RF signals are stored in a sample buffer. A subtracter circuit subtracts an output of the DA converter circuit amplified by a factor of  $\sqrt{2}$  from an output of the amplifier circuit. The recording is achieved such that DCPI values are recorded in user-unrewritable areas of the recording medium as long as possible.

1459827478-28ba0851-5bc6-481b-ac47-5818eb8363bf

A low-profile multilayer cushion assembly which can be used to support the human body under various conditions. The center for the center infix run is determined, and the characters of each character type are encoded into binary encoded substrings. The device includes a circuit card assembly, which is a multi-layered printed wiring board with pass-through electrical connections and an embedded ground plane electrically coupled to the housing to shield the electronics assembly from electromagnetic interference and to provide environmental protection to the electronics assembly. Context circuitry tracks the shift amount used for normalization.

1459827478-3b78f05c-25a5-4b38-a259-58ef9dbfbb38

The invention relates to dental radiological image sensors for intraoral use. The decompressorPRPG has two phases of operation. A source of first fluid is provided at a first pressure greater than the ambient pressure.

1459827478-3f202e0a-9da2-4c46-9de5-8b47de0c1636

A method and system to facilitate searching a data collection, such as the World Wide Web, that takes advantage of the collective ability of all users to create queries to the data collection. A mobile station transmits a security value to obtain access to the network. The electron-emitting element and the image-forming member can be placed in juxtaposition on the same substrate, an electro-conductive substrate can be additionally provided in opposition to the face of the substrate, and the supporting member can be connected electrically to one of the electrodes and also to the electro-conductive substrate.

1459827479-4638af6d-65c6-4531-92c7-2689cb8a6d02

A programmable metallization cell that includes an active electrode; a nanoporous layer disposed on the active electrode, the nanoporous layer comprising a plurality of nanopores and a dielectric material; and an inert electrode disposed on the nanoporous layer. A fan assembly is operable to provide a suction airstream for drawing seashells into the hollow body. The ink input is used with various machine learning methods and/or other algorithmic methods to generate a teaching ink data set. The roller, when used to press and laminate a polarization film to a substrate, is kept at a temperature of 35°C. If a test order was received for at least one of the biological samples, the test order being indicative of one or more first processing steps, the workcell can automatically execute the one or more first processing steps. In accordance with another representative embodiment, a method of fabricating a bulk acoustic wave resonator comprises: forming a first electrode over a substrate; forming a seed layer over the substrate; and depositing a piezoelectric material having a compression-negative polarity.

1459827479-5a943216-ec2b-40f7-bbed-386bfc5d1068

A golf club head is described which has a hitting face for golf balls, the hitting face being formed at least partially by a metallic material satisfying the



following relationship:  $y = 22660$ . A difference circuit coupled to the differential pressure sensor has a difference output representing the sensed differential pressure minus a moving average. The second circuit pattern may be configured to discharge static electricity introduced to the memory module from outside the memory module. Additionally, or alternatively, the assembly detects abnormal operating conditions as the closure condition. A routine is provided for monitoring the messages and profiling each peer, building a local peer profile for each node exchanging messages in the peer-to-peer network based on messages passing through the node.

1459827479-8297c869-ef24-46cf-8a6b-50efca44c695

An invention is provided for building configurable designs synthesizable to gates. The projection at the first position abuts on the frame such that the plurality of ink ejection surfaces are respectively surrounded by the plurality of recessed portions. Each non-global partition may have one or more projects executing therein, and each project may comprise one or more processes.

1459827479-ebf6ad1c-4ad5-4eff-8751-ccf90d56e554

A heel cup formed from a flexible material is located under the heel region of an upper portion of an article of footwear. Connector assemblies include openings that facilitate interaction between plugs and cables, particularly foil-shielded twisted pair cables. The mounting apparatus further includes a vehicle connecting member for attachment to the vehicle; the vehicle connecting member including a mechanism that allows the mounting frame to swivel in a generally horizontal plane when interconnected with the vehicle. Proximal portions of the hub are configured for connection to a medical apparatus. The two phase signals have a different phase difference at a different position of the spindle.

1459827480-361e0f58-5a07-41c3-8b7d-a312f66c602a

A flexible light-guiding module with waterproof function includes a flexible light-guiding film, a light-reflecting element and a light-generating element. Said device comprises an adapter-supporting piece that is provided with the adapter for the add-on piece. The arcuate-shaped lines on one surface, the front surface, generally replicate the path of the recording head as it is moved across the data tracks by a rotary actuator, so that there is a constant sampling rate of the servo sectors on the front surface regardless of radial position of the head. Chemotherapy regimens may also be used as adjuvant therapy. The first mechanical rotation axis and the third mechanical translating axis are radially oriented to the arc.

1459827480-493c3112-aa0e-43a9-9c03-1e8392ac6fe8

Systems and methods for accessing common registers in a multi-core processor are disclosed. A supplementary module different from the display unit is integrally mounted on a frame constituting a display assembly, so handling and assembling can be facilitated and production cost can be reduced. The fixing member includes a retaining part which retains the transducer. A jaw comprising an elongated member disposed in the elongated interior opening and a second transverse opening in the jaw.

1459827480-4fc52a40-5796-4ff9-8d65-e32e43ed1f7e

In order to provide a semiconductor IC unit such as a microprocessor, etc. The adhesive sheet further includes a plurality of microscopic holes connecting the opposing surfaces of the sheet and being generally perpendicular to them. The card data may be linked in a data store to both a customer's financial account and a cell phone assigned to that customer. Also provided are transgenic non-human mammals that express the invention protein.

1459827481-4e763ea7-9585-4808-ab17-a057d7e70794

A system for incremental backup comprises a storage device and a processor. The

tied server also includes a second storage unit that stores messages executed on the transaction DB server having the transaction ID by the application server and communicated between an application server and a DB server. At least one dielectric layer is deposited over the top semiconductor layer and the bulk semiconductor portions, and is patterned to form openings over selected areas of the top semiconductor layer and the bulk semiconductor portions. Packets are received by the first device that are associated with a flow sent by a source network device.

1459827481-63a5304c-5ce4-41cb-a170-3e33909e8962

A data acquisition system for sampling a temperature signal from a temperature sensor includes: a programmable current source, a buffer with a constant offset, and an analog-to-digital converter. The device is constrained in an unstable martensite state while being introduced through a catheter that passes through the venous system and into the coronary sinus of the heart. A plurality of contexts indicative of the level-run value pairs are conveyed to a decoder for allowing the decoder to reconstruct the image based on the contexts. The UV rays-curable type sealing agent is placed to the outer peripheral portion of the UV rays-curable type water-capturing agent to be cured. A method aspect of the invention includes the steps of transporting the grates along a grate path the begins with a receiving portion and a delivery portion; first subjecting a first side of each grate to a stream of pressurized cleaning fluid; and second subjecting a second side of each grate to a further stream of pressurized cleaning fluid. Thus, the axle is stamped and formed directly by the stamping die so that the axle is produced easily and quickly.

1459827481-8f8cf511-b20d-4fcd-9f62-10001e441c44

A communication system for communicating on a network that includes communication devices performs communications in a connected mode or a non-connected mode. Only a certain number of labels or tags have electromagnetically active or activatable security elements. With this configuration, an end user can easily upgrade the device driver. An interpolator is adapted to receive an output thus produced from an analog to digital converter and produce a digital output with a second specific bit resolution. In another embodiment, the conveyor includes rollers in alternating directions for selectively switching conveyor objects in a plurality of directions. A spring piece 30 having an anvil 31 bulged out therefrom is securely held on the inner side edge 16 of the aforementioned plate 15, and an ultrasonic hammer 32 is located face to face with said anvil 31, so that both side edges of the belt-like film 18 formed into a tube are placed on the anvil 31 to be melded by the ultrasonic vibration of the hammer 32.

1459827481-98dc66d4-ecb4-4676-a46e-0a15c08b210c

A method for reducing the loss of magnesium during the sintering of aluminum oxide articles, such as ceramic discharge vessels for lighting applications. The structural component is composed of plastic and is manufactured as a moulded part, and which includes in at least partial regions thereof two or more fabric layers which are overmoulded with a thermoplastic polymer. An electrophotographic printer which can realize a high speed of the operation and contribute to the improvement of the reliability is provided. A piston is located within the second chamber and movable between first and second positions. The O-ring can be hollow so that it will more easily deform and can be made from an elastomeric material in easily viewable colors. The shielding arrangement including at least one shielding component.

1459827481-ad80b546-decc-438e-ac02-5bd85e9edb8a

A method includes providing a substrate including a non-insulative, silicon-including region for silicidation, the substrate including one or more contaminants at a top surface thereof. The cold gas, and its application, covers both coated and non-coated part. The system is also capable of supporting, without failure, its own weight and at least four times the maximum intended load applied to it.

1459827482-09a9df8d-205a-4051-9360-05bbc481d3eb

In a networked storage system in which at least one primary data storage device is mirrored by a secondary data storage device, the primary device maintains data indicative of IO response rate of the secondary and capacity of a network via which the primary device is in communication with the secondary device. Such an MPEG transcoder has cascaded decoding and encoding sections. A dedicated scan cell has a functional data output separate from a test data output. The animal litter is in the form of discrete plural particles which tend to agglomerate when wetted.

1459827482-277fc9f0-4285-4fe9-ae91-771cd3a37303

In an image processing device such as an electronic camera having a detecting section which detects blurring of an image picked up by an imaging element, a part of evaluation or calculation required for controls is performed in parallel with the detection of the blurring of the image in order to speed up the controls. During operation, the system receives a noise-free database-image and a scanned-image that is generated by an imaging process. Staples can be incorporated into the fusion cage to assist in securing the cage in position in the spine.

1459827482-b69327bc-7e0d-4ea3-a828-5ee267bef6a0

A sheet cutting table 13, after sticking an adhesive sheet S to a semiconductor wafer W, for cutting the area outside the semiconductor wafer W as an unnecessary adhesive sheet S1 with a cutting device 15. The access terminal is authorized, and a serving-CSCF is assigned to the access terminal. An edge forming an insertion port of the bonder cap accommodating part includes a low profile portion with the same height as that of an edge of the terminal-attached wire accommodating part and a projecting portion projecting beyond the low profile portion.

1459827482-bec6333a-9182-4c34-a2e7-7a26d810bc58

An apparatus and method for increasing and regulating temperature, pressure and fluid viscosities of fluid streams found in oil and gas production. An initial, unstrained, semiconductor-on-insulator substrate may be processed to form the differently-strained regions in the original semiconductor layer. The data model can include objects representative of physical data in separate domains and relationships of non-data types between the objects.

1459827483-0d9e7220-1539-47ca-bc3e-fdfee064e809

A dynamic profiling system provides dynamic access session configuration for telecommunications subscribers, and provides subscriber session information to application platforms. The aperture ratio of the perforated holes to the plate is not greater than five percent. A switch connects a group of the horizontal power supply lines to a first power supply line or a second power supply line disposed outside a pixel region in a switchable manner. After being briefed on race procedures and rules, the entrants undertake a practice driving session on the track course. The overlays can be used as an aid in composing a live image for digital capture, either as a constant or intermittent presence on the view-screen of the camera. This moves the range of intersection between emission and reception characteristic closer to the cover, so that the signal-to-noise ratio of the optical sensor is reduced.

1459827483-b8c3e869-408d-4de0-838a-6fbb2187dcb3

A ball and sleeve joint for a motor vehicle has a housing and a ball sleeve which extends out of the housing on both sides. The bandage includes an SIS layer to be placed on the wound surface and a cover to placed over the wound. The interactive ID server determines and communicates the content provided to the mobile device.

1459827483-ee62b3b5-98e2-41a9-8062-2461e9ff8514

A preventive treatment method for a multilayer semiconductor wafer is described. In some embodiments, this may include dividing an object stored in the source tier

into a plurality of segments, determining if the target tier is missing at least one of the segments, writing the missing segments to the target tier, and deleting the object from the source tier. This successfully saves the band width necessary for transfer of the draw data from a main processor to a graphic processor, and relieve the main processor from the process load. Finally, a stacked gate structure is constructed by the third conductive layer, the second dielectric layer, the first conductive layer, the conductive spacer and the first dielectric layer, in which a floating gate of the stacked gate structure is constructed by a remainder portion of the first conductive layer and the conductive spacer. The magnetocaloric elements are connected thermally two by two at their consecutive ends through the intermediary of a heat exchange mechanism in thermal contact respectively with the heat transfer fluid circulating in the first of the magnetocaloric elements and with the heat transfer fluid circulating in the second of the magnetocaloric elements.

1459827484-1a8269b5-db8c-4743-84b6-a750548a7019

A board for connecting a bare semiconductor die with a bond pad arrangement which does not conform to a master printed circuit board with a specific or standardized pin out, connector pad, or lead placement arrangement. This invention also relates to these kesterite compositions and their use in preparing CZTS films. Calls identified to be from an undesired terminal also are recognized and screened. The invention can be utilized for forming 4F2 DRAM devices. In some embodiments, the chair frame includes a front support assembly.

1459827485-20e8e001-f978-456e-882e-99cd4155f3b5

A computer system includes a processor, a cache, a system bus, a memory-control subsystem, an external memory bus, RAM memory, and flash memory. At least one multifunctional holder is placed or attached in the motor vehicle and at least one device, on which at least one additional function can be mounted detachably, is placed or attached over the individual multifunctional holder. A conversation path is generated from the transcript by labeling each transcript line with an identifier identifying the speaker of the corresponding utterance in the audio source data. A processor is configured to automatically monitor the loading contact surface's position as adjusted by the user in the first exercise session, and to automatically control the actuator to move the loading contact surface in a subsequent session to the same or a different position as in the previous session. The radiation reflected from the object is analyzed for arrival time, pulse shape, and intensity to determine a comprehensive set of distance and intensity profile of the object to compute a 3-D image. The simplest construction is obtained by using the knowledge representation of a query as the top of the hierarchy.

1459827485-c06fe760-b917-4137-b169-a8699f85d9ce

Dividing a set of leaf objects having the same path of a directory namespace allows the divided path data sets to be distributed over separate physical stores. The trapezoidal shaped spinal implant includes an opening that allows the surgical team to view the dura mater prior to packing the implant with osteogenic substances. In operation, when the system is in a vacation mode the processor issues a pattern of commands to the devices to provide the illusion of ongoing occupancy. A tubing annulus port extends from an opening in the tree below the tubing annulus seal and the tubing annulus port and workover port being arranged to be in fluid communication externally of the internal bore.

1459827485-e687468e-8e4f-4207-bc0d-d4179ae20a44

A golf club head according to one or more aspects of the present invention may include a main cavity having at least one auxiliary cavity and a base surface. The photodetector and a concave portion are formed on a semiconductor substrate, the light source is disposed at the concave portion on the semiconductor substrate, a slit is also disposed on the concave portion, and the light beam emitted from the light source irradiates the scale after passing through the slit. The flat portion

has a plurality of slots formed therein and is divided into several sections by the slots.

1459827486-3e66ddfa-b912-4b07-94e1-efdbfd5ec408

A plurality of wireless communication methods are combined, networks to be used are dynamically selected by evaluating each network quality, and a packet format is changed adaptively to realize necessary reliability. At least one support bracket includes a U-shaped mounting flange having an upwardly extending connecting wall that includes a spacer wall portion having a predetermined width and an engagement wall portion that is connected to the spacer wall portion and that extends beyond the predetermined width of the spacer wall portion. In one implementation, the threaded message visualization represents each post with a generally one-dimensional or narrow entry line. Photodiodes detect the individual beams of collimated light emitted from the collimating lens, and output signals corresponding to the intensities of the individual beams of collimated light. The workpiece is machined by setting one of the pallet mounting surfaces in a horizontal state to mount a pallet thereon and then by positioning the pallet in a vertical state by rotational indexing means.

1459827486-fbf879fd-12fb-4ddd-8ff5-69746954dea0

Methods are disclosed for system scenario-based design for an embedded platform whereon a dynamic application is implemented. Signals produced by the leading and trailing sensors are sampled and stored over a defined interval of time for processing. A central end of the braking device expands toward one side of a slide rest so as to allow the control end to extend outwardly of the slide rest. The sloped face is formed on an elongated member and is configured and arranged to receive the liquid ejected downward from the nozzles. The defect concentration of the surface of the phosphor is reduced. The method may include determining whether the machine is traveling approximately straight forward or backward, and determining whether a load exerted on the implement is less than a threshold load value.

1459827487-49a96c4b-c0cd-430e-8ca4-0fa7cf61b8f6

A standoff attachment for bonded fixation to a substrate includes a standoff post with internal nut for engaging a mating fastener used to mount a support element such as a line clamp substantially at a distal end thereof. The cartridge includes two lateral members and a lower member extending between the lateral members. Previously the passage has been cylindrical, with or without a conical entrance, or of randomly smoothed profile produced by melting the probe material. The system uses the interrupt vector to access a stored tag from a tracking mechanism that associates source devices with their assigned interrupt vector.

1459827487-5d0fd709-fc57-4b74-aea4-cdccc6f6ea35d

A method and system for increasing flexibility, IO accessibility, and reliability of multicore, multiprocessor architecture, a first inputoutput controller and a second IO controller are coupled by an IO controller link card. The electron beam is magnetically deflected to scan across the faceplate to impinge upon phosphors thereon to produce light depicting an image or information. The bottom cushioning portions and the top cushioning portions are surface contacted with each other for reinforcing the strength of the container in height direction. The method comprises embedding, by the sending user, a predetermined code in a predetermined location in the message and/or in the number of the recipient communication-device, before sending the message to the recipient communication-device. One embodiment of an optical imaging system includes an optical coherence tomography-near infrared probe.

1459827487-f88983dc-5e80-43ef-82c7-2d47b2170d84

A gas turbine engine provides mechanical shaft power. The extender includes a first side wall, a second side wall, a connecting wall, a first mount, a second mount, a

first mounting station, and a second mounting station. The server system includes a communication component configured to receive the sent front-end processed user voice input, and a processor configured to complete voice recognition processing of the sent front-end processed user voice input. The coating layer at least partially covers the nanomaterial networked layer, thereby forming the device as a double-layer structure. The luminance component can be configured to generate luminance output pixels, where the luminance output pixels can each include a group of luminance input pixels. The outlet is formed in the housing assembly for communication with an external circuit.

1459827488-8b6365a2-fe9c-4cf4-8564-a575b83ae81f

The invention relates to the field of antennas and relates in particular to an generator of a laser radiation and means for coupling an electrical signal to this laser radiation, said antenna being characterized in that the generator of a laser radiation is a femtosecond laser. The invention interposes a file access object between the client and the platform that is both scalable and interoperable. These scripts may be executed in a predetermined manner to increase efficiency. Individual images from the cameras are composed to form an overall development of the inner surface of the furnace walls. Each of the light diffusion layer is disposed in the corresponding aperture and contacts the corresponding reflection layer exposed via the corresponding aperture. The beltway mechanisms described herein can be used to control access to software and hardware facilities in an efficient manner.

1459827488-9197347e-1e59-48af-9e28-75f933daed6f

A shift pressure control apparatus for an automatic transmission is arranged to hold the shift pressure during a shift at a starting input-torque-dependent pressure determined from a transmission input torque at a start of a shift. A mechanism by which in the event the hook or leader line become snagged, the leader line would be lost but the casting float enclosure separately attached to the fishing line will be retrieved. Electrode material is deposited into the pore, and a layer of structure changing material, such as chalcogenide, is deposited onto the lower electrode, thus creating a memory element having an extremely small and reproducible active area. The peripheral lip forms a receptacle in the shelf for accommodating four support posts in a collapsed condition. Thus, a polarization condition of the light for illuminating the DMD can be prevented from falling into disorder at a reflecting surface in the optical path, so that a light amount of the projection image can be prevented from reducing. A fluid filling method for a vacuum container is also provided.

1459827488-94dbbd30-b248-4640-92d2-2d704f909e57

A method and system are disclosed enabling configuration of a control system for an electrosurgical generator system for creating new surgical applications without changing the underlying software system. Based on the compositions of the educts, the composition of the product produced by the combustion chamber can be determined. An interpreter module may be configured to access individual ones of the symbols of the input data and upon accessing each symbol and compare a thread against the symbol. The threaded stud includes a flat head adjustable in a plurality of positions which, in turn, enables positioning of the threshold. The wall of the handle is separable at the annular weakened wall line to permit withdrawal of the applicator tip and transfer of the dental material to a surface. A cover can be securely attached to the sheet bundle.

1459827488-b14aa382-cb64-47f1-96a1-a4d8e71dc51d

A stacking apparatus and method of multi-layer stacking of objects of different sizes on a support to form a stacked support includes providing a support handler. One embodiment of the invention relates to random access storage media such as a DVD used to distribute motion pictures and other audiovideo programs or works. The feedback can enable playlist curators to better tailor playlist content and

sequence, potentially reducing a perceived need to skip around inside a playlist and making for a more enjoyable experience for playlist users.

1459827489-7cfdc675-8d36-40a8-8b8c-e0aa3aff1f96

A method for controlling admissions of data packets across a packet network comprising the steps of establishing a communication route along a plurality of interconnected secondary nodes, determining an amount of available network and determining whether to admit the data packets to the communication route based on the determined amount of available network bandwidth. , heating of the mixture to a temperature in the range from 500\xb0 C. The invention also features methods of targeting a protein to a cell, methods of protein therapy and methods of treating diseases or disorders using a TUS protein, a NLS or NES identified from full length TUS. Additional aspects provide a phosphate-containing fertilizer comprising struvite, and methods for making same. The actuator moves the control gate to control flow through the orifice.

1459827489-a9be0c21-ffcb-447d-8384-b420612d42a4

A floorboard and an openable locking system therefor comprise an undercut groove on one long side of the floorboard and a projecting tongue on the opposite long side of the floorboard. proprietary inbred maize varieties. The film is sealed by heat to form a permanent dual inner pouch structure containing two pockets each having an opening at the bottom side. In one embodiment, the rotatable member may be a component of a micro-turbine generator. 0 dlq or more in an amount of 5% by weight to 40% by weight to produce an article precursor, and a step of heating the article precursor at 150\xb0 C. External reference frequencies can be injected for voltage-controlled oscillator and phase-locked loop testing, chip characterization, and automatic compensation modeling.

1459827489-ae75266a-6d58-4bd6-8e46-fafe1d7ad52a

In a system and method for testing and displaying the abnormalities, includes opens, shorts, bridged-taps and wet sections, of a copper pair line for xDSL service use, the abnormalities are amplified and normalized so as to be displayed within a predetermined observation range. A top electrode is defined on the top surface and a first aperture is defined in the top electrode. The size of the primary crystallites may be at most about 0. The received plurality of bits may be exclusive ORed with the generated corresponding output samples of data. This new variety has white flowers with red margins.

1459827489-bc994faf-d51e-48ad-9c46-2449dbd86686

Test structures and methods for measuring contact and via parasitic capacitance in an integrated circuit are provided. The time-varying detected optical power is used to adjust the source intensity. Also, a distance between a surface of the carbon material component and the electrically conductive section is less than or equal to a value determined by \u03bb. A telemetry signal receiver is disposed on said lower module, which also includes a tractor assembly for moving the lower module through the drillstring. The allotted numbers represent a subset of the predetermined fixed range of numbers.

1459827490-a7b9b14f-3f84-4076-9735-af4a7cc0ad8f

Provided are a temperature sensor using a ring oscillator and temperature detection method using the same. A first solder ball is produced on a main surface of a first element. Each of the multiple project areas is assigned to a different physical test environment. As the cell discharges, anode active material is physically moved from the anode to intercalate with the cathode active material. The switch also has an impact threshold for moving the switch from the second condition to the first condition.

1459827490-b828b47d-167a-46e3-9f5b-253c3aeb6fc8

A new and distinct cultivar of Rose plant named \u2018Hormeteoric\u2019,

characterized by its upright, low spreading and mounding plant habit; dense and glossy dark green-colored foliage; freely branching growth habit; freely flowering habit; large light red, pink and yellow-colored flowers; resistance to Black Spot; and good garden performance. The multimodal source has radioactive material permanently incorporated into a matrix of material, at least one of a material that is a target for CT, MRI and optical scanning, and a container which holds the radioactive material and the CT, MRI and/or optical target material. This key management facility, in turn, provides the rekey request to the key management facility for the roaming communication unit's home system. A channel structure member is fixed to the nozzle plate and is formed with the at least one liquid channel. The black-cell monitoring system also includes a fiber optic cable that is disposed within the lumen of the tubing.

1459827490-d1fb55de-064c-4019-99b9-3b468907dc66

Novel plant polysaccharide synthesis genes and polypeptides encoded by such genes are provided. In addition to a central spine to prevent or reduce flexing of the tips, the mirror layer also includes perimeter ridges to reduce or prevent flexing or warping of the mirror edges. Arcuate walls surround the knob to define gaps corresponding to alternative rotational periods for the knob. The channel encoder encodes the information vector into an intermediate codeword using a first code and shapes the intermediate codeword into the output codeword having a desired distribution. In addition, the thermal distribution within the hoods can be controlled precisely.

1459827491-2f3cc92c-e291-4f1c-80e4-db381925657c

Climbing products containing rails decorated using veil products colored, patterned, painted or in combination with marking methods such as company names and logos and resin formulation designed to withstand exposure to UV radiation with minimal change in appearance which create specific appearances for applications, enhance weathering performance, and facilitate processing efficiency. A scintillator converts X-Ray radiation generated by an X-Ray source into detectable radiation. MIM devices as two-terminal nonlinear devices are formed between each pixel electrode and the signal lines. The droplet has a periphery in contact with the first surface, the periphery having a shape determined by a predefined feature on the first surface and the surface tension of the liquid precursor material. For example, the server might look at the first five hops from the client to the server. In a case where a plurality of R are present, each of the plurality of R is either identical or different.

1459827491-5f23b4cd-f9c4-4cbd-8540-e62bbdf773b9

A forklift truck includes a truck body, a fork, a mast, tilting and lifting mechanisms, tilt and lift levers, tilting and lifting operation detectors, an auxiliary switch, a tilt angle detector and a controller. The portion of the suture is retrieved through the tissue layer from the opposite side whereby the suture is drawn from one side to the opposite side. This coating is made of a coating material, which consists of specific materials in indicated amounts of substances of one binding agent, insulator, dispersing agent and distilled water. When the touch sensor senses a user's touch thereon, and the push switch is depressed, the portable transmitter transmits the operating instruction to the controlled device and continues such transmission as long as the touch sensor senses the touch thereon regardless of the depression of the push switch. The first bristle holder is located at the second end of said head. Two respective joining surfaces, which belong to two respective different parts, are joined to one another by laser-welding.

1459827491-f0fea6ac-5b29-4088-95ae-59e190ac3e66

The invention relates to method characterized in that said method comprises steps of acquiring movements, calculating the mean position, calculating position predictions, and calculating minimum grid movement speeds, and a step of acquiring



the position of the drone so that, if the drone cannot follow the movements of the grid and the movements of the grid are small, i. The equalized signal may be phase averaged to provide a signal that is at least partially phase stabilized. Plural conductive tracks 5 are provided, each corresponding to a respective intermediate or ejection electrode 3 and supplying a voltage to an electrode in use. For example, this mode provides higher gain in the GPS space vehicle side-lobe signal regions for improved acquisition and tracking performance and lower gain at Nadir, providing reduced noise temperature and higher signal to noise ratio.

1459827492-27d1f18f-fd77-43f4-942b-3de461589392

A bearing retainer for a valve having an internally mounted stem and valve member with a trunnion and a bearing positioned thereabout is disclosed. The wheel has a radius and an exposed surface that can be rolled against a surface on which a distance measurement is to be taken. Additionally or alternatively, the control parameters may relate to a design canvas or other depiction of the document, such as allowing rotation, position, or magnification of the canvas while the document is edited.

1459827492-2868ee8a-8edc-4e74-9e60-a657dc9f65e3

Disclosed is a method for processing the service connection between a user terminal and a Wireless Local Area Network applicable to a WLAN interactive network that at least comprises: a WLAN user terminal, a WLAN access unit, a service control unit and a user information storage unit. The shaft module is inserted through the hubs and has a shaft body. The compounds of formula I are antagonists or partial agonists at the CRTH2 receptor and may be useful in treating diseases and disorders associated with that receptor such as asthma. A quantity of a low melting temperature, thermally conductive material, such as solder, or a thermally conductive liquid, is placed over each plug and a heat sink body is placed over the assembly. Consequently, regardless of whether group management is in place at the second image forming apparatus, the number of pages printed may be centrally maintained by the first image forming apparatus.

1459827492-b5e3db01-36e8-467d-bb40-63b64748c230

A re-timer system that may include a phase recoverer, first-in-first-out device and retiming clock multiplication unit. The semiconductor material forms an active area of the device. It makes also easy stator blade wheel assembling of the pump, as it is allowable to arrange half stator blade wheels with some eccentricity.

1459827492-b8324a59-4046-4248-bd10-f624a7e2735f

Methods and apparatus, including computer program products, implement techniques for modifying an image. Imagery of a scene is received from at least one image capturing device. The torque transmitting devices include clutches and brakes arranged within a transmission housing. The protocol may include culturing blood cells in the presence of a cytokine and an ionophore. If the determined identity matches a predetermined identity, then, based at least on the identity of the first user matching the predetermined identity, the first user is logged in to the computing device.

1459827493-0dd7e9a2-5da4-4e17-bfae-f373b34560ce

A reflective road marker to be mounted on a road surface to indicate the position of traffic control lines on that surface. The ejection mechanism includes at least one ejection port configured to eject a medicament-containing fluid. The optical fiber is mounted in tension inside the hollow structure through longitudinal fiber-receiving bores in both members, and has an anchor point affixed to each member with the grating therebetween. The cleaning apparatus further comprises an air regulator capable of regulating pressure of the air delivered to the system. A position correction unit corrects error of relative position information on the first defects group and the second defects group, and the first and second defects groups are checked. The list structure allows for access to a relatively small

store of data to determine whether or not a cache entry needs to be written to the main memory.

1459827493-3a98f900-e7f2-4f17-9b24-953cc5ef708e

The light emitting element of the embodiment includes an anode; a cathode; a visible light emitting layer provided between the anode and the cathode and emitting visible light; and a carrier trapping layer containing a thiadiazole based compound represented by the following formula. The weighing system has two guide members, which connect a load support to a base region fixed to the housing. The components of the EESU are manufactured with the use of classical ceramic fabrication techniques which include screen printing alternating multilayers of nickel electrodes and high-permittivity composition-modified barium titanate powder, sintering to a closed-pore porous body, followed by hot-isostatic pressing to a void-free body.

1459827493-5821ac47-e1b6-49c5-b24d-42d292c43af0

A system and method for automated design deployment for distributed applications includes providing a node with at least one requirement attribute in an application description. The first and second arms include respective terminal ends of the U-shaped body and lie in a common plane with the central body region. One memory controller is then provided to have a core logic circuit, a plurality of input/output devices, and a reorderer. One software product comprises security software and middleware software stored on a software storage medium. When the lens and backing plate are positioned in the recess of the faceplate, the one or more magnets exert a force on the backing plate to secure the faceplate and lens to the backing plate. The compounds of the formula I are capable of modulating the body's production of cyclic guanosine monophosphate (cGMP) and are generally suitable for the therapy and prophylaxis of illnesses which are associated with a disturbed cGMP balance.

1459827493-6e2d3e05-dddf-438a-bfd2-3ad2326baa58

The invention can provide a method of etch processing a wafer using a Real-Time Parameter Tuning procedure to receive an input message that can include a pass-through message, a real-time feedforward message, or a real-time optimization message, or any combination thereof. In the servo writing method, at the time of perpendicular magnetic recording of the servo data on a disk, a servo writing operation is executed including an offset process set based on the hard-easy transition shift phenomenon. The through bore has first diameter and second diameters, wherein the first diameter is less than the second diameter. A search for content may be limited to one or more of the groups, thereby increasing the relevance of the results returned to a user. The system, as described herein, may be applied to several mechanical devices or systems. In the filter, the first recess diameter is not equal to the second recess diameter and the first recess center-to-center spacing is not equal to the second recess center-to-center spacing.

1459827494-3839f9cc-a8f6-4737-b53b-7240ecbde2c7

A method of forming carbon nanotubes includes incorporating phosphors in the form of quantum dots, along with the beads of ZnO on carbon nanotubes to generate white light. The support column has a spin joint and an invert joint. The alloy has the following composition : Al<sub>4</sub>Si<sub>0</sub>. A control unit causes afterimage reduction patterns selected by a user from the storage unit to be input to the composition unit, and a final image in which only pixels corresponding to opaque areas and/or semi-transparent areas in the main image are replaced by color of the opaque areas and/or semi-transparent areas in the afterimage reduction patterns to be output from the composition unit. At least one connecting member couples at least one of the upper and lower rings of the primary stabilizer assembly to a corresponding annular ring of the secondary stabilizer assembly. The shadow table may be configured as an Index Ordered Table to eliminate a query chop

from the index table to the shadow table.

1459827494-40c392c9-aa9f-4bcc-9c09-8f43c18d97d3

In one aspect, the present invention provides a composition of a covalent conjugate of a GABA analog with a drug. The first member has a first end and a second end. Bit stuffing is a technique that is commonly used when encoding to resolve buffer underrun problems. The first portion is disposed within the channel, and the second portion is exposed from the channel.

1459827494-6fa56201-c91e-4c17-9569-8594ce5ab990

An organic light emitting display keeps a constant grayscale in an organic light emitting display panel even if power supplied by a power supply is changed. In said implant, a metallic, nonmetallic or ceramic hollow body is coated with an active substance complex or comprises said active substance complex. The mixture is initially pressed to form a loose mat. The glue piece is adhered to the fixing portion. The CompactPCI backplane incorporates a different type connector at its P4 location, in conjunction with a standard family of IEC 61074 connectors at its P1, P2, P3, and P5 locations, to provide high speed data transfer with additional shielding and noise control. Alternatively, the internal bolster may be deployed by the constraining member being dissolved by the patient's bodily fluids located inside the patient's stomach.

1459827494-9cddc09d-399d-46a5-a8ae-8d047e89189f

Disclosed are systems and methods that facilitate securing communication channels used in a challenge-response system to mitigate spammer intrusion or deception. An ergonomic handle having at least one protuberance enables a person to firmly grip the handle with less muscle strength than is required to grip a straight handle. In particular, the rows can be widened so that there is spacing of about 30 microns between adjacent row traces. Each trace includes a spiral conductor. According to one embodiment, coordinates of points identifying a shape in a fetal image are received, coefficients of one or more mathematical functions that describe the identified shape are determined, and the determined coefficients are utilized as markers to assess fetal abnormality. The bezel with integrated speakers does not increase the lateral footprint of the monitor.

1459827494-da50d27b-d4ca-46be-b687-f9c8b6b9edb9

A sacrificial layer is formed in a recess of a substrate, and leads extending from the substrate into an area of the sacrificial layer are formed. A lower conveyor tube has an open upper discharge end telescopically engaged with the upper conveyor tube, and an intake hopper mounted on a lower intake end. A gas analytic chamber stores the gas to be analyzed taken out through the duct.

1459827495-050f523f-6ae9-42d9-ab6e-ce5a04a331a0

A method of correcting an infrared image is provided. One such a method includes distinguishing at least one particular structural feature associated with the exterior of the particular portion from at least one particular structural feature associated with the interior of the particular portion. The device has a first portion having an end configured to engage the hub assembly and unlock and lock the hub assembly. A transmission antenna is connected to the pulse phase modulator for transmitting the broad band spread spectrum antenna test signal to a test antenna. The voicemail system can send the requested voicemail message header information to the mobile device and, in response, receive a second request for at least one voicemail message.

1459827495-c59f5f82-2811-4e36-8e89-a6fb182c627b

A method for scaling traffic engineering, TE, routing in a network, having a plurality of network elements connected in a given layer to each other via links TE domain segments of a TE domain of said network are collapsed into a virtual TE nodes. A special purpose computational resource is coupled to the general purpose

computational resource. Support models are generated from domain models. A method for constructing a nanoflat resistor is also provided.

1459827495-da008c16-a18b-4615-9db6-f1eef71e050d

An improved canopy assembly for a rearwardly extending protective canopy for a motorized golf cart of the type having a top covering the passenger seating area and an uncovered bag storage area located rearward of the seating area. Multiple features of the gauge are integrated with each other within a common reference coordinate system to precisely locate the features relative to each other. A fluorescence channel is selected so that the desired sensitivity and specificity are achieved.

1459827495-e61c9366-0c1f-4d97-8559-a69b9bdb81ca

A job separator has a first roller unit and a second roller unit adjacent to the first roller unit. With this configuration, the present invention provides a reaction apparatus, with a lid that is opened and closed readily, and in which the lid parallelly contacts a sealing member, and thereby creating a vacuum in the reaction chamber with ease. The composite API may be designed to provide a simpler way to consume information from multiple datasets in response to a particular scenario or problem.

1459827496-310b4ba3-83f7-4b56-b54a-441a15810a17

In a packet switch for communicating packet switched data to and from a plurality of wireless mobile stations, a method and apparatus for automatically releasing resources tied up for communicating with dormant mobile stations. Separate pairs of tensioning springs attach the spring support bracket to the bed support frame and to the mattress support frame. The system may be used to exercise complementary muscle groups. The support may be a U-shaped support having a pair of arms extending from a base, where the base is mounted to the substantially vertical brace so as to extend the arms substantially horizontally from the brace. Methods that utilize the bioreactors are provided, involving placing a microorganism or cells and a fluid medium in the bioreactor.

1459827496-6c8aaeb1-2ae4-4535-8dea-65c8d9e3f379

A power unit, a fuel cartridge, and a fuel cell system having the power unit and the fuel cartridge. The method includes using a first physical deposition process in the first process station to cause formation of a first conductor layer overlying the surface region of the substrate. The formation of the  $\text{Al}_{0.4}\text{O}_{1.4}\text{N}$  grain boundary phase is believed to facilitate the transport of nitrogen from entrapped pores during sintering. Further, the exposure apparatus includes a reticle stage on the second position for loading a cylindrical reticle and causing the cylindrical reticle to rotate around the center axis of the reticle stage and an optical projection unit between the reticle stage and the base for projecting light passing through the cylindrical reticle onto exposure regions on a wafer on the wafer stage. Use of the flow modulator assembly also lessens the chance that beneficial agent will be wasted during assembly of the osmotic delivery system.

1459827496-70c7bb30-7c80-4caf-a6fa-b728baea6243

A voltage converter includes an output circuit having a high side device and a low side device which can be formed on a single die and connected to each other through a semiconductor substrate. The syslog messages are received from a plurality of components. Obstacle, helper, guide, and hope playing cards are provided in various decks.

1459827497-79991d05-6614-424a-9fe8-c147a0a8c757

A programmable lookup table for an integrated circuit optionally provides two input signals and two output signals to an interconnect structure of the programmable IC when programmed to function as shift register logic. The load forecasting

application may include a database for storing information and a report module for generating energy usage load forecast profiles. These electrodes are formed of palladium, titanium, or zirconium. The NMS retrieves the message digest of a device that is submitted for management. The configuration of the fitting advantageously simplifies the assembly process and preserves the integrity of the adhesive to form a strong joint. The second operation code may represent an instruction to the memory device to perform a read operation.

1459827497-8064caf6-06b4-47c5-a4f6-396104955ca2

A system for cooling charge air from a turbo- or supercharger and exhaust gas recirculated from an exhaust gas recirculation valve in an internal combustion engine. Cache elements in the cache are associated with a time attribute and historical data. A driving device is located between the stationary frame and the movable frame and rotationally or linearly moves the movable frame. The packets, when they were sent, are assigned sequence numbers based on the first ordering. Intravascular indicators are stimulated, and emissions patterns detected for computation of cardiac output, cardiac index, blood volume and other indicators of cardiovascular health before and during hemodialysis. The refueling drone may be rearwardly deployable from the tanker aircraft such that the refueling drone is towed by the refueling hose behind the tanker aircraft.

1459827497-8c95cd4c-0c8e-4394-af28-50efd8917a46

Several synchronization circuits, a computer, a method of adjusting the operation of an oscillator, and method of operating a power converter are disclosed. 5 to 90\xb15 s\u22121 and at 23\xb112 C. Further, the metal wiring film laminated on a surface area outside the recess in the insulating film is selectively removed.

1459827497-fab9c145-1bb2-44ef-8bdd-39a7e39a127e

Apparatus and associated systems for transmission of signals within a wide bandwidth include a conduction path and ground structures in an arrangement to provide a smooth transition between propagation in a coplanar waveguide mode and propagation in a microstrip waveguide mode. The thin plate sections include movable sections having end surfaces in an opposed relation. Then, the sheets stacked on the sheet process tray in a state of being offset are aligned by an aligning member. Inner portions of the walls provide a peripheral region of an aperture within such fixture. The data transfer between individual program sections is thus synchronized by the buffer synchronization class only, which consists of the buffer, internal variables and the buffer utilities, is configured in a very simple manner and can thus be tested in operation in a relatively simple manner by means of a computer comprising several processors.

1459827498-17596479-7df4-4673-8852-0e7cc838d7cf

An automatic mouse charging system includes a charger plate and an automatically chargeable mouse. A coil assembly is mounted within the roller body and has an induction coil, and an inside and outside thereof are coated with insulators. A conductive shaft is provided with a pair of annular concave portions formed on an outer circumferential surface at both ends thereof. Thus, an error when the gain of the variable gain amplifier is suppressed. The search unit performs the searching until an undefined variable node no longer exists in the graph to be designed, and performs backtracking on condition that no variable node is found.

1459827498-380945bc-d801-4660-a3aa-1cbc11fb5b4f

A carpet-stretching device for stretching a carpet laid over a floor onto a fixing strip. An image-recording device is disposed adjacent the thick end of the waveguide, the image-recording device being capable of recording a two-dimensional image. In addition, the present invention provides a method for partitioning an IMB. The antenna structures may have a tunable circuit that allows the antenna to be tuned.

1459827498-66bbbed7a-74a1-47f9-80b6-f00a241057cb

Various embodiments include apparatuses including optical and optoelectronic devices and methods of making same. A capillary is associated with the housing and the window. A hub is attached to a shaft that connects two recliners on opposite sides of the seat.

1459827498-fc1d16c7-e75b-4819-b982-7bacfb10c9db

The present invention is a semiconductor structure for light emitting devices that can emit in the red to ultraviolet portion of the electromagnetic spectrum. When data frames carrying voice, video, or other multimedia traffic are received at the client station via a wireless link, a frame rate of the received data frames is measured for a period of time. The system includes electronics adapted to produce millimeter wave radiation scanned over a frequency range of a few gigahertz. An information bundle is created for the first event scenario, including one or more documents accessed through the scenario desktop during the first event scenario. In some implementations, the reading device can be configured to operate in at least two modes: a continuous reading mode and an enhanced reading mode.

1459827499-4f9b87de-e80f-4626-a609-ef73cb2c379a

A data storage device includes a memory and a controller. In the coagulation apparatus, the cold plasma is generated by a microwave resonator with low power consumption in the atmosphere, and the cold plasma is vented on a bleeding portion of a wound. A group of media content items associated with the user is then analyzed with respect to the criteria to provide results such as a number or percentage of media content items from the group of media content items that satisfy each of the scoring criteria. The layers include superposed longitudinal lines of weakness disposed generally transversely midway between the side edges. The telepresence system also comprises a means for allocating one of the remotely controlled systems to the specified venue.

1459827499-9b18cf31-2870-427f-a131-073e5684b9be

The invention provides a dispensing valve or fuel nozzle having an earth cable and/or a safety cap for covering the discharge opening, the safety cap connected by a cord to the dispensing valve, wherein the dispensing valve has an automatic retraction system for the earth cable and/or the cord of said safety cap. The different subsets include candidate face regions of different sizes and/or locations within the images. The distance between the end portions of the p+ type buried layers and the n+ type region is 7  $\mu\text{m}$  or more. The height of the ring is equivalent to the desired height of the cell. Positioning of the door is under the control of a temperature sensor for the rearward zone.

1459827499-cf86d539-9fe7-4375-a51f-7b8f847622aa

The present invention relates to a method of manufacturing a nano transistor. In an example, an un-bumped substrate is obtained having a pattern of bond pads configured to support bumped contacts and a plurality of test pads. In doing so, one frame is divided into subframes corresponding to the number of bit for the time ratio gray scale.

1459827499-f87386ac-da86-4d46-94ea-42f9b09553c2

A co-extruded tubing for the administration of intravenous fluids has an outer layer of a polyester. The production method is advantageous in that a potassium organotrifluoroborate compound can be produced in a single reaction without recourse to a process of isolating and purifying an intermediate. The connecting screw is dimensioned such that it passes through the threaded sleeve and with part of its shaft, by way of the sleeve, can be engaged with a thrust bearing piece in the profile groove of the second profiled rod. The activated ribosome-inactivating protein then kills the cell by inactivating cellular ribosomes. The processor is programmed to cause the actuator to cause movement of the different portions toward the washing area for different wash cycles.

1459827500-53f6fc08-40c1-4bed-b146-7a9507cedfdd

A data optimization engine for optimizing selected frames of a first stream of data. Each data element includes a gain. In response to operation of the toggle switch, a selected one of a pair of attribute control files associated with the particular task will be utilized during object construction. In addition, caulking operation of the joint to the adapter can be performed by pressing a caulking portion formed in advance in the joint against the outer peripheral edge of the flange, so that a wide space is unnecessary for caulking. A plurality of posts each has a first end and a second end and a bend positioned between the first and second ends.

1459827500-944aa6c6-8154-40df-bc2b-8394e15dd3fd

A method for evaluating portions of a reservoir includes classifying producing reservoir portions in the reservoir into multiple classifications based on production data associated with the producing reservoir portions. A controller monitors the status of the FIFOs, retrieves the stored data in a predetermined order, and multiplexes the data, together with timing data indicating the presence or absence of the data, into a serial signal having a frame structure in which time slots are fixedly assigned to the respective channels. The contact pad, which is actuated downward by piezoelectricity, is fabricated as it shares a layer with a RF signal line, after the RF signal line is fabricated. The charge region is located at a position distanced from the head element.

1459827500-ccd03485-2cc3-4e76-90fd-15ef19551099

This invention relates to pyrrolocarbazole derivatives according formula I wherein R1, R2, R7, R8, R9, X and Y are as defined in the specification wherein said derivatives specifically inhibit one or both of the checkpoint kinases Wee1 and Chk1. If the current information does not correspond to the reference information, then a robot is stopped and/or the safety measures of the enclosure are applied. Within data storage in the data processing system, a data structure indicates a duration of a protection window extension for each of the plurality of agents. Any technique for sending a video data file to the financial institution may be used.

1459827501-3cbf5268-3060-47d2-8548-bf370b21f883

A drive combination for generation of electrical power and heat includes a piston engine coupled to a generator. The thermal shield has a first receptacle adapted to receive a first portion of the lamp. The server digitally signs a portion of a ticket that is returned to the client, which includes the nonce, a time stamp, and the ID. A portion of the transceiver attributes are selected in response to session information from the auto negotiation. The steps are repeated at any subsequent catalyst carrier and then product is removed from the reactor outlet.

1459827501-4707242e-2f0a-47b4-949b-0afe7782cd3d

A condensate trap upstream of an engine cylinder is provided. The principal first loan may be a mortgage. The determined parking availability is based on historic parking availability information and real time parking availability data. The disclosed device includes a first laser emitter, a second laser emitter, and a laser receiver. Such oligomeric compounds are useful for diagnostics and other research purposes, for modulating the expression of a protein in organisms, and for the diagnosis, detection and treatment of other conditions susceptible to oligonucleotide therapeutics.

1459827501-52d8876e-38c7-4d6a-9d5b-5f84030dc4f4

The invention relates to a force sensor for measuring a bearing force of a roller deviating a web of material. An oil production system to produce oil from a viscous reservoir is provided including at least one production well, a fluid injection well, and a heating system functionally associated with the at least one production well, the heating system having at least one electrical heating well adapted to

direct power from a power supply at surface to the reservoir to heat the reservoir. Error data and sample data taken from an assay of a quality control substance are transmitted from the control device to the analyzer.

1459827502-0f9ddda1-3062-4bfc-8b4c-a4181e44a455

The invention includes a method and apparatus for synchronizing a first processor with a second processor. The method is performed at a server, the server including a plurality of processors and storage and having access to a database of television program related information. A pair of electrical switches, for controlling gear change, are carried by the supporting body on a supporting plate which is mounted on the supporting body. The energy storage capacitor and the serially connected inductor provide an impedance match to the plasma, limits the current rate of rise and peak magnitude in the event of an arc, and shapes the voltage pulses to the plasma.

1459827502-ce17f36a-6ddc-494e-972a-18d12948fcab

The present invention relates to a method for manufacturing nonwoven and nonwoven obtainable by said method. An electroluminescent wire light can be embedded into a curable polymer or adhesive composition and used for curing in circumstances in which UV or visible light from conventional lamps cannot reach the polymer or adhesive to be cured. Methods for making the composite materials are also provided. The force causes the cells to cut into the end of the prepared bone. The fibers abrade and loosen potential irritants in the root canal architecture, including the recessed regions and the accessory canals, without requiring unnecessary reshaping and removal of dentin from the root canal.

1459827502-f5995d6c-b9f9-4e96-be05-aef4f4f15754

A dispenser for delivering a suppository within a body cavity. The belt drive device further includes a roller-shaft shifting member that shifts at least one end of a shaft of at least one roller of the above described rollers in accordance with the movement of the endless belt in the axial direction of the roller. The inner side surface includes: a perpendicular surface standing upright from the inner end of the seal surface in parallel with the outer side surface; and a conical surface inclined toward the outer side surface extending outward in a radial direction from an outer peripheral end of the perpendicular surface. The leading side of the stirring elements has a flat surface whereas the trailing side is curved. Putting the column ID or identifier is inserted into the record during particlization between each column variable. The target speed is a function of the image density.

1459827503-317d452d-b508-44ca-8990-07ed61e1ca47

Gaming devices comprising a standard gaming unit, e g. Specifically to a mobile terminal including a display including a touchscreen, a sensing unit for sensing an object in near-proximity to the touchscreen, a controller for altering an image appearing on the display according to at least one of a duration of the object near the touchscreen and a distance of the object away from the touchscreen. In addition, the first node can transfer the certain packet to the second node to process the certain packet by using the algorithm. Additionally, the selected pattern of micro-features may be reproduced from a master pattern of micro-features to duplicate the selected pattern on several sections of film so that a consistent planarizing surface may be provided for a large number of substrates.

1459827503-3358e48a-705b-45b2-a0bb-c4636e7017a8

The switching network serves for the transmission of digital data signals within a broadband communication system. A wireless communication system can use a common pilot channel configuration to aid channel estimation in one or more receivers in communication with the system. The rotor is disposed on the rotating shaft with part of the rotating shaft protruding from the rotor. The backplane assembly is mounted on the communication equipment shelf at a position between the first face and the second face of the communication equipment shelf. The incident ray that



strikes the surface of the object at the point being imaged by the pixel is then determined using the determined pattern displacement.

1459827503-42eeaf0d-4e90-4a85-8e0a-2511f63f565f

A system to coordinate a wagering event using a virtual Web server with an administration application and a server database. A copolymer solution-polymerized from a conjugated diene-based monomer and a vinyl aromatic monomer is mixed in solution with organically modified silica having the silica modified with a specific aliphatic hydrocarbon to prepare the organically modified silica master batch elastomer. Further, the thickness of each of the vanes that constitute the impeller is made maximum where they join to the impeller ring section. A shoulder in the internal bore supports a sealing ring. The first and the second radial direction ribs are formed thinner than the web and the ring-shaped rim-shaped section.

1459827503-89986e91-57d1-44b5-95ff-b032b0cb6123

An exemplary apparatus for digital coherent detection of a multi-wavelength signal includes a polarization-diversity optical hybrid, at least four Wavelength De-Multiplexing filters, 4M detectors, and 4M analog-to-digital converters, with M an integer greater than one. The connection between each cell site switch and the respective cluster is formed by a common bus to which each base station transceiver in the cluster and the pertaining cell site switch is directly connected. The logging software is configurable such that most current and future logging specifications may be fulfilled without any code changes to the logging software. A facility management unit is in communication with the processor. The extensibleretractable assemblies are formed with slide guide sections in which the fixed support sections are fitted.

1459827503-f730dc87-a8d8-48f1-a0f2-94937d737b60

Method and system for encrypting streamed data employing fast set-up single use keys and self-synchronization. Each filter is formed by applying a DC electric field to the gas stream which causes the ions to move in a direction opposite to the gas flow. The invention can be implemented to expand a narrow-neck preform or container finish to a wide-mouth preform or container finish. The invention can effectively avoid the problem of electric discharge when RF signals transmit in a vacuum chamber, resulting in more security and less transmission power loss.

1459827504-1a66e0d9-409b-4c60-b47b-0db1d0d397ee

A leverage handle tool includes a handle and a seat block. The invention also provides a catalyst support, an adsorbent material and a catalyst constituted by said agglomerates. The wiring substrate includes divided-substrate-unit regions, in each of which the first interconnection, the via, and the second interconnection are formed. The control system yet further includes a processor adapted to receive the serial data and generate control signals that controls a number of electric devices on the vacuum cleaner. More specifically, deoxycholic acid and related compositions, said compositions being free of all moieties of animal origin and free of pyrogenic moieties.

1459827504-b8d10d9b-b00e-4277-992d-ff24b4f60526

A mathematical calculator where when a mixed fraction key is depressed, an integer part input area, a numerator input area, a denominator input area and a vinculum for a mixed fraction are displayed on a display screen. A radio network controller may pre-load a wireless transmitreceive unit with HS-DSCH configuration for the target cell. An electrode is positioned within the housing so as to be electrically coupled to the colorant in the reservoir and is configured to be coupled to a current source and return electrode. A tag circuit that may generate a tag value for each of the control commands prior to the control commands being stored. User vectors in  $U_{2032}$  and  $V$  are initialized and then iteratively updated to arrive at an optimal solution.

1459827504-f509f70f-43a9-42c4-83f4-d0868ba1ee2b

A drawer assembly with an interchangeable lock for mounting on a furniture piece. The circuit marker comprises a body adapted to attach to the access cover, means for attaching the body to the access cover, where the means includes at least one projection extending from the body and is adapted to engage with a recess formed in the access cover. The therapeutic agent can be selectively mixed with the lavage solution to form a blended solution. The system and the scorecard may utilize fewer data elements than a complete credit-worthiness scorecard and may instead focus on the key elements affecting a consumer's credit score. Each element in the array comprises frequency resource parameters for a set of resource blocks.

1459827505-23e5c13e-be77-42e8-8731-15a3d2c03ef9

A presentation system comprises a display for setting a virtual screen, a pointing mark for operating a point on the display, a photographing device for photographing the pointing mark and the display, a displaying device for displaying a predetermined image or the photographed image photographed by the photographing device, and a control device. The mill includes a device for positioning the rotor that includes indexing elements for positioning the end of one of the hammers as close as possible to the screen for adjusting the spacing. In certain embodiments, the optical filter and the diffraction grating can be used to diffract and direct a first portion of electromagnetic radiation incident upon the grating and filter toward a receiver while filtering a second portion of the electromagnetic radiation incident upon the grating and filter. , a driven ring, connected directly or indirectly to a substrate support member for supporting a substrate; and a driving rotary member, e. The bottom end thereof is pivotably connected at a first pivoting point of the base while the top end thereof is pivotably supported by a resilient cylinder which is pivotably secured to the base at a second pivoting point. Preferably, the transmitter sends the processing signal to a robot, which responds accordingly to the received processing signal.

1459827505-393e6f2a-59f8-4317-b8cb-ce004d938c2a

An optical transceiver assembly comprises a transmission system, a reception system and a coupling system which directs a part of the signals produced by the transmission system to the reception system. The first rear leg includes an upper member having a first end a second end and a lower member having a first end and a second end. The living hinge has a pivot axis and mechanically couples the first segment and the second segment. In general, users with higher power requirements, such as those near cell boundaries, will be assigned subcarriers from a group having a higher power level. Generating the connection associated information includes generating an index and a way.

1459827505-7bd51e92-648b-4638-9319-36edf82fd304

Provided is a hard handover method in a wireless communication system. The clamp advantageously applies a clamping force to the cable without direct contact with the cable, thereby reducing abrasion and shear forces applied to the cable. The transmission casing defines a first cavity between the walls and includes a platform disposed between the walls. Also attached is application identification information that identifies an original host application corresponding to the macro. The apparatus further includes a sealing gasket proximate an intersection of the rim and the flange, extending completely around the perimeter.

1459827505-dc51ab20-7ce6-47c4-bf28-72a6efce0555

A toy throwing disc that is tossed between players has a unique feature of having the compartment in the center filled with a liquid or gel that creates a stabilizing effect. In order to convert an interlaced video signal having 525 scanning lines into another progressive video signal having 525 scanning lines while maintaining the image size, in an odd-numbered field, a line after conversion is offset by 0. Various prior art mechanical control linkages between a driver and

controlled systems are replaced with non-mechanical control signal transmission components.

1459827507-0146bd6e-a916-4aa3-858c-7c346cf8a207

The present invention provides compounds useful as inhibitors of Tec family kinases, compositions thereof, and methods of using the same. Phase change is gradually introduced into the acoustic feedback canceller loop to avoid entrainment of the feedback canceller filter. The controller produces a first signal representing the pulsating vacuum level. , wherein RE is one or two or more selected from Ce, Pr, Nd, Eu, Tb, Ho, Er, Tm, or Yb, RE<sub>2</sub> is one or two or more selected from La, Sm, Gd, Dy, Lu, Y, and Sc, and M is one or more of Mg, Ca, Sr, and Ba. This invention yields alternative concepts related to a first, official or \u201cnormative\u201d concept for each entity associated with the enterprise in all forms, e. By means of a coupling module, the internal wires can be used for cascading or isolating the positive and the negative terminals of the two fuel cells.

1459827507-c5bed0e2-3705-474f-9c78-7da8d3555548

The present invention provides methods and devices for enabling communication between a mobile device and Universal Plug and Play devices. The photodetector portion includes a p-type first impurity region formed in the semiconductor substrate and an n-type second impurity region formed below the surface inversion layer. The first output of electrons can be contacted with a target to provide a first beam of x-rays. The first conductive layer is transparent.

1459827507-e00ae0fe-0fb6-41d4-a6f6-151194480d10

A novel maize variety designated PHW6G and seed, plants and plant parts thereof. It is judged whether or not there is a fluctuating factor concerning color reproduction characteristics between a print medium that is used at present in the calibration and a print medium that was used in the past. The jamb and sill members have outer walls for the rough window opening and laterally spaced inner sloping walls which mate at the bottom corner joints. These plants may be engineered for resistance to protox inhibitors via mutation of the native protox gene to a resistant form or they may be transformed with a gene encoding an herbicide tolerant form of a plant protox enzyme. A reflective band near the aperture to increases the illumination of the surface.

1459827508-1a8421c5-412c-4b50-9146-0a3dfac87bc2

This invention provides the genes encoding the RNA triphosphatase and RNA guanylyltransferase of the malaria parasite Plasmodium falciparum and the catalytically active recombinant RNA triphosphatase and RNA guanylyltransferase enzymes. An actuator system includes a housing and a cap. The computation of the weight is based on the number of times the resource referenced by the reference has been fetched previously, and on the number of times one or more further resources have been fetched previously from a server that serves the resource referenced by the reference. The first valve member and second valve member connect through a extensible portion. A non-conducting short-circuit part movably arranged in the current supply device between two short-circuit line parts, holds the safety magnet a distance from the short-circuit line under normal conditions.

1459827508-c2105e1b-40da-434b-99aa-5c8818c0f585

Process for preparing compounds of the diaminophenothiazinium type of formula below. The database is assembled to contain product information, pricing information, organization-specific configurations defining approved suppliers and other similar items and views which are defined by organization. The base station may include an impedance matching circuit configured to match an impedance of the power line of the structure, and a receiver coupled to the impedance matching circuit. The signed dialog system can respond to input such that only the designer of the dialog system knows the signature is embedded in the dialog system.

1459827508-ce32d450-5074-4675-b696-38018e81815b

A method for managing a data stream encoded according to a digital transmission protocol and configured for broadcasting to a consumer network device within a broadband communications network. The 3D data comprises 2D images. The processing mode may be established by placing an enable indication in a control register into an enabled state and by setting a first operating mode indication and a second operating mode indication in a segment descriptor to predefined states.

1459827508-dc9b1d4f-6ba5-445f-baa7-2e348ede0d99

A magnetic memory device includes bottom electrodes disposed on an interlayer dielectric on a substrate. The compounds of the invention may be used as inhibitors of the papilloma virus E1-E2-DNA complex. The first port is in fluid communication with the lumen of the outer tubular element when the outer tubular element is secured to the receiving element; and the second port is in fluid communication with the lumen of the inner tubular element when the inner tubular element is secured to the connector.

1459827508-f430c72a-57ba-4727-bcc5-52a455ff2752

Flash devices and methods of manufacturing the same are provided. The adapter may include a discharging circuit for discharging the rechargeable batteries. Furthermore, according to requirement, an inorganic powder filler }) may be added to the resin composition.

1459827509-257c7f3d-2bac-4f57-8936-9b9b75a7a6af

A relay device for supporting uplink communication between a terminal device and a base station is described. The cascode common source LNA is simulated to arrive at an optimum ratio of upper device width to the lower device width. The inter-head guide roller is rotatably supported by a pair of support portions fixedly arranged on the head holder on one end side and the other end side of the inter-head guide roller.

1459827509-3a014f77-7e07-4541-b7a5-e30495216f68

System and methods for printer suggested upgrades using fuzzy logic analysis. When the access position is designated to one of the groups decodable without use of information on a closest past group in reproduction order, the mark information generator generates the mark information indicating a position of a top of the decodable group. The electronic means include means for individually adjusting the ratio of airborne sound signals to body sound signals. The detector helps to quickly determine whether hazardous materials are present in the mail stream. The ink jet recording head enables the buffer chamber allowing to gas to exist to be sufficiently cleaned, and requires no additional process for the formation of the buffer chamber thereof.

1459827509-b8dd7ca2-d996-4c7e-bb50-16bd0abb6b13

An axial flow fan includes a hub rotatable about a central axis. The bent tubular part is mounted with the possibility of rotation on the outlet of a laser generator secured to the third arm of the robot. In this way, the mystery-bingo jackpot provides payouts relatively often while preserving the value of the jackpot. The second drive assembly is connectable to the second branch. The spring slide is preferably a spring steel slide.

1459827509-caf0fd09-fa2b-440d-b210-2e8f7c09fb99

The present invention is directed to a method for extracting textual as well as tabular data material from financial documents. The composition comprises an alginate, a di- and/or trivalent ion source, water, a retarder and a filler. Another end of the conduit is fixed with respect to the vehicle and is in communication with a fluid source. The systems are applicable to portable sensors for identifying DNA sequence hybridization for clinical examination and disease diagnosis.

1459827509-fb52f8ca-3daa-477a-a2bd-810f397dd452

A Japanese Zelkova tree named \u2018ZSFKF\u2019 having a broad-spreading habit, fibrous root system, a more rapid growth rate, and heat tolerance and also capable of being reproduced reliably from vegetative cuttings. In particular, the present invention relates to the diagnosis, prediction and monitoring of kidney disorders by detection of cytokines, cytokine-related compounds and chemokines in urine. The spring member is manufactured from a cast blade alloy, thereby allowing the spring member to maintain its spring back characteristics at relatively high temperatures of about 1300\xb0 F. In embodiments, the system is configured to transpose portions of a musical score into a range suitable for a substitute instrument or a player of limited skill. For example, gestures that can be interpreted to mimic computerized touchscreen operation. The negative active mass includes a negative active material including a lithium vanadium composite oxide and a crystalline structure aid for inhibiting deterioration of a crystalline structure.

1459827510-0a12fc1c-f628-47d6-877b-8535d4663121

An output stage and method for a charge pump circuit which substantially reduces the degradation of the output voltage. A second inter-layer insulation film is removed to form an aperture by substantially using a first hard mask film as a mask in accordance with the method of fabricating a semiconductor device having a multi-layer wiring structure using a dual-damascene method. The cutting shoe has a leading cutting edge arranged for movement through soil in a horizontal direction to cut a cylindrical core sample.

1459827510-4bb81041-1ac7-4802-b625-a848f9370fdf

A vertical NPNP structure fabricated using a triple well CMOS process, as well as methods of making the vertical NPNP structure, methods of providing electrostatic discharge protection, and design structures for a BiCMOS integrated circuit. The chlorhexidine acetate acts as a highly effective biocide. The encryption module uses the state vector to sequentially encrypt the data frames. A target information flow rate for the route that is less than or equal to the bottleneck information flow rate for the route is determined.

1459827511-018ae051-ca08-46eb-8420-f899b298f056

A receiver, implemented with low noise and low distortion, to process an input signal containing signals of interest and unwanted interference signal. The method includes encapsulating alarm tokens constituent of a reported alarm in eXtensible Markup Language tags at communication network equipment reporting alarms. The first edge judgment circuit retrieves the edge data of the pixel in a first direction to output a first edge value. The extended contact lead frame portion is in direct electrical contact with the second semiconductor device without using a bond wire.

1459827511-a2b0a9b4-e665-41be-b41c-b2e2c13dcba6

Embodiments for managing read-only memory. The wheel pivoting units are connected by means of kinematisms to a single control plate mounted articulated around a vertical axis. Whenever a smaller output power is desired in response to reduction in the input signal to the amplifier, the load is further tuned, such that the dynamic or static RF load line has a slope that causes the power amplifier to essentially remain in saturation at the smaller output power. In addition, the use of modulators of cellular activation allows for characterization of pathways and cell populations. A second portion of the transaction associated with end-to-end communications is encrypted using an end-to-end encryption key.

1459827511-b80d14a4-1bdf-485c-b11a-b1ee4fe45070

The present invention discloses a transmit-receive front end. The endoscope includes a heater and a temperature sensor. The hub portion includes a lateral hub extension extending toward a distal end of the needle cannula, and the shield portion includes a lateral shield extension extending toward a proximal end of said

needle cannula. The shoes have replaceable wear-strips. They can be used to produce coating colors, especially for inkjet papers or inkjet foils or other inkjet materials.

1459827511-c1997f07-2221-47c1-bf4c-9bb8aebcac1e

An icemaking compartment is provided in the refrigerator compartment of a bottom mount refrigerator. The system comprising a boost converter coupled between a low-voltage bus and a high voltage bus, and a buck converter coupled between the high-voltage bus and the coil. A locking device is coupled to the shank with the locking device having an unlocked position loosely connected to the shank and a locked position with at least a portion of the locking device wedged between the flange and the shank for fixedly securing the filling valve apparatus to the beverage filling machine. A method includes a first mask design processing and a second mask design processing. As a mating pin is inserted through the front aperture of the mating portion, the mating pin engages the first finger contact point causing the first contact beam to deflect. This screen has improved transparency while maintaining the definition of an image.

1459827512-d258baf2-7815-45de-bfb3-477b4294fbe9

A ventilation system for a fuel cell power module is provided. The method uses specially designed clips and obviates the need to use a ladder when attaching the linear systems to hard to reach locations. doors, pieces of furniture, and windows that can be moved vertically, to allow their easy movement and balanced positioning at any point of their vertical travel. A cross-channel injector injects a nanoliterpicoliter-volume sample plug at the column inlet. By this, the image of the measurement object can be captured during the time when the X-ray fluorescence image is standing still, so sensitivity can be secured while increasing the resolution. Tris DBA inhibits several signaling pathways including activation of MAP kinase, Akt, stat-3 and S6 kinase activation.

1459827512-f55b69bb-38b7-42a0-b29a-0b46f249e52f

Disclosed are a display device and a front cover thereof. The cross support includes a cross bar having a plurality of holes extending through at least a top of the cross bar. The identified segments of content are duplicated and then encrypted using a first encryption method associated with a first DRM to produce first encrypted segments. The third step of the process comprises isomerization of cis 1233zd to trans 1233zd. In particular, the present disclosure relates to nanocomposites comprising magnetic nanoparticles surrounded by a polymer, which is bonded to a biodegradable polymer.

1459827512-fb59eeed-d131-44a9-a5c7-4f287256cda8

A semiconductor component includes a stiffener, a circuit decal attached to the stiffener, and a semiconductor die attached to the stiffener. The blocking temperature of the magnetisation of the storage layer is less than that of the reference layer. The invention also concerns a natural, synthetic or semi-synthetic harringtonines including their tautomeric forms and their salts of the following formula: wherein  $n=2$  or  $n=3$ , in which the total content of impurities, possibly including enantiomeric forms, is lower than 1%, and/or the content of the major impurity is lower than 0.0%, while the profile bearing length of the unevenness, under 50% cutting level, is set in a range of 25%-70%. The electrical tape has a flexible insulator portion substantially surrounding the flexible conductor strip, the flexible insulator portion being arranged to expose the conductor strip contact surface along the length of the tape. Each detector module includes a module frame, a plurality of tileable sub-modules on the module frame aligned along a Z-axis thereof to receive the x-rays attenuated by the object and convert the x-rays to digital signals, and an electronics board connected to the plurality of sub-modules to receive the digital signals.

1459827513-1855a5f3-2c72-4d01-bdcb-ce9884abc541

The invention relates to a device for demonstrating an effect of a selected signal-processing operation. Tire retread strips are placed side-by-side on the radially inner surface of the drum and extend along its length. The color data is further transmitted to a formulation computer that determines the formulation for a coating composition exhibiting the color data. Methods of using the Btk inhibitors are disclosed, alone or in combination with other therapeutic agents, for the treatment of autoimmune diseases or conditions, heteroimmune diseases or conditions, cancer, including lymphoma, and inflammatory diseases or conditions. An enclosure surrounds the main body, the electric blower, the dust receiver, the power source, and the sensors, wherein the enclosure is transparent or semi-transparent, and the sensors transmit and receive light through the enclosure.

1459827513-1b64959d-03ea-4e46-b8ce-36e8e7a1a305

This invention relates to a composition including a dopant, a first host having at least one unit of Formula I, and a second host compound. The container includes one or more rings disposed on top for hanging purposes. The control unit controls the emission of light performed by the light source on the basis of a signal output from the flat panel detector.

1459827513-2fd8f08e-4a8d-4654-83ec-bdfcba2f24f1

An automated sewing device capable of neatly feeding a material of easily contractible property to a sewing machine, without the material being curled. The intensity of the illumination from the light-emitting elements is controlled by a dimming signal such as a pulse width modulation signal or a pulse code modulation signal, for example. The data are encoded at the transmitter using a rate-adaptive code to produce encoded data, and scrambled using the first key before broadcasting. In the present system, the network elements are able to derive a local time based on timing information recorded at the network element. In addition, the storage apparatus 10 can be combined with a card type supporting means 21 that supports detachably with the flat type external connection terminal 12a exposed to one of the surfaces so as to be used as a card type storage apparatus 20 having bigger size.

1459827513-86719377-6458-48b1-9e6a-9885f97029a7

When a unit lock member is engaged with a SIM card mounted in a unit retention mechanism, a battery pack can be mounted or removed. 3X and which is selected from a group consisting of LiNiO<sub>2</sub>, Li<sub>2</sub>NiO<sub>2</sub>, LiNi<sub>2</sub>O<sub>4</sub>, Li<sub>2</sub>Ni<sub>2</sub>O<sub>4</sub> and LiNi<sub>1-x</sub>MxO<sub>2</sub>, whereby it is possible to obtain a nonaqueous electrolyte solution secondary battery which is superior in battery properties, especially charge and discharge cycle properties, retention properties and safety. Converter fU1, analogue block, detecting oscillator and converter fU2 are connected to a digital block for recording, controlling, surveillance and regulating the respective operations and evaluating operation of the respective blocks. Based on operation suitability parameters selected for each variable, the method predicts remote sensing operation suitability for different points in time.

1459827514-96f16e63-709c-4c32-a8c9-d38a3a8d6528

The present invention relates, in general, to a method of modulating physiological and pathological processes and, in particular, to a method of modulating cellular levels of oxidants and thereby processes in which such oxidants are a participant. The antenna apparatus includes a plurality of antenna paths and the length of the antenna path is changed via the soldering pads. A toothed wheel is fixedly disposed on the conveying shaft, whereby this toothed wheel is enclosed by an outer ring that supports the friction coating and has an inner toothing constantly meshes with the outer toothing. The control portion sets an air-fuel ratio of the mixture in the reformer such that a reforming efficiency of the reformer is held within a predetermined range, and sets an amount of the mixture supplied to the reformer such that an actual output torque of the internal combustion engine coincides with a target torque. The spray conditions are controlled in such a manner that the

individual metal droplets forming the metal streams remain substantially segregate. The sensors of this embodiment are configured to detect the motion of at least one of the two or more reference indicators relative to the sensors as the reader unit is moved along the reference surface.

1459827514-ac85ee6a-523f-4b65-b4e3-a95fcb6eb63a

A time of flight spectrometer and a method for operating the same is disclosed. First and second pluralities of permanent-magnets are respectively mounted in first and second circles, radially outwardly in first and second transverse planes extending from first and second sections of the central axis adjacent to an inner surface of the outer rotor. The saw blade guides respectively have contact surfaces, which abut on the respective side surfaces of the saw blade.

1459827514-bdbce47a-f901-4c87-9b02-0d673c7f2a7d

A system and method for measuring ground penetrating radar data is described which includes controlling the timing for generating stimulus electromagnetic waves and the sampling rate of reflected electromagnetic waves in response to the stimulus electromagnetic waves. The electrostatic capacity change sensing method and apparatus are capable of sensing the change in the electrostatic capacity without using the sensing frequency. This pressure approximates the pressure of the on-coming clutch when a disengage command with respect to the off-going clutch is reached. In addition, the provider of the private network can query the wireless device when updates to the information are desired.

1459827514-e2d0ba78-b027-429b-abdf-8813e1295267

Content identifiers are associated with respective metadata. Further, a method and a purification system for removing tar components from a combustible gas having a temperature above its dew-point are disclosed. Upon powering up, the PSE controller keeps the two FETs open and performs a detection routine on any devices connected to the data pairs and spare pairs. A flag is provided with each file set of the program indicating one of a first and second value. The drive unit is rotatably mounted to the frame to allow the operator to rotate the drive unit 180 degrees relative to the frame so that the hand pedals and crank arms are reversed when the drive unit is rotated.

1459827515-1c654861-feaa-4790-9908-e03772a8be6e

A system interface having a plurality of first directors and a crossbar switch having inputoutput ports coupled to the first directors on such one of the first director boards and a pair of outputinput ports. The circuit substrate comprises a base layer, a grounded circuit layer, and a connecting pad formed on the grounded circuit layer. The method further includes selectably communicating the variety of user information in a manner detectable external to the card. An output clock signal with an adjustable phase and a dummy data reference clock signal on the input of the clock channel are generated. For example, the first groundplane layer may include a plurality of conductive patches, some of which have a via connection to the second groundplane layer conductive trace.

1459827515-47138a64-3a9d-49c9-8ebe-9b979fbd7648

A plasma display panel has a first substrate, plural pairs of display electrodes, a second substrate, and plural data electrodes. The sub-assembly comprises a plurality of concentric jackets surrounding an inner bore tube having first and second opposed ends. The entire weigh batch blend plant can be disassembled and moved.

1459827515-821d0414-dd5f-4e1a-837f-700acb2ecf6b

The present invention presents a method and system for providing an intelligent data concentrator communicatively coupled to a network by a wireless mode. The fuser member includes a substrate layer comprising a thermoplastic polyimidepolybenzimidazole blend. The invention further relates to ethylene



polymerization wherein the catalyst is metered in a catalyst metering device with a iron-based alloy steel hardened valve, as well as to a ethylene polymerization reactor comprising such a catalyst metering device.

1459827515-d01365ac-4e10-43d8-84ec-30b6343ec54c

To improve reliability of a liquid crystal display apparatus using an upper substrate, the upper substrate to be combined with a lower substrate includes a transparent electrode and a first spacer. The network has a control means to control the wavelength to be transmitted on the network ring in a burst transmit mode from each node over a scheduling interval. Each of the bi-directional nodes is in bi-directional wireless communication with the central node and has a wireless communication path to the central node that is either a direct path or an indirect path through one or more intermediate bi-directional nodes serving as relay nodes. Once the sensor wafer is attached to the handle wafer, the sensor wafer is backside thinned to a given thickness. The formation may also be configured to allow a second communications asset having a dish antenna with a second configuration to communicate simultaneously with the two or more COMSATS in a second scenario.

1459827515-f42b831d-8f3a-4421-92ae-346b12f173f1

Disclosed is a novel high 1,4-cis polybutadiene-polyurethane copolymer and a preparation method thereof. In addition, a process for coating surgical suture material is described which is characterized by the fact that the thread material is wetted with a homogeneous methanolic solution of octenidine dichloride and/or dequalinium chloride and subsequently the methanol is evaporated, a coating forming on the thread surface. The method and apparatus may further include utilizing a user client portal to gain access to a media policy database, the media policy database providing storage for user client media policy preferences. A charging transistor is a N-channel Metal Oxide Semiconductor Field Effect Transistor disposed between the high voltage terminal and the power supply terminal and applied with a bias so that the charging transistor is normally on. Some embodiments include memory cells that contain a plurality of nanosized islands of charge trapping material over a channel region, with adjacent islands being spaced from one another by gaps. The seal unit is then positioned in the pipe downstream of the penetration.

1459827516-263902f8-4912-4e2a-848d-81f0c0ea660b

The present invention relates to a sterilization unit consisting of a cubical enclosure which uses a sequenced supply of ozone and ultraviolet radiation in the C band wave length to sterilize. In correspondence with a command, a CPU inside the tamper-resistant module judges the security of data received from the outside, then recording the data as follows: High-security and small-capacity data is recorded into a memory inside the tamper-resistant module. Thus, when a signal is transmitted to the state machine, the state manager can initially receive the signal rather than the state machine. Pure gas permeation test results demonstrate that the UV-cross-linked membranes from PIMs exhibit CO<sub>2</sub>/CH<sub>4</sub> performance well above the Robeson's polymer upper bound trade-off curve for CO<sub>2</sub>/CH<sub>4</sub> separation. The invention captures the volume of the occupant from an image, and uses volume to calculate the mass of the occupant. The application is presented with a mutualized interface substantially independent of the cryptographic sources and of their respective access interfaces.

1459827516-c9a7c07c-e732-4c62-be47-bc5bccbc1cc4

Devices and methods generally provide enhanced stabilization, exposure and/or treatment of a cardiac valve annulus. The X-ray spectrometer comprises at least one dispersing prism element, means of translation of the dispersing element relative to an X-ray beam, a refracted radiation detector and measuring tools for angle positioning of the dispersing element and the refracted radiation detector. In a port injection lean burn engine, an adhesion to the wall face according to the fuel spray can be reduced, and a quality and a formation state of an air-fuel mixture in

a cylinder can be improved. A hub defines a central aperture for receiving the annular projection collar, a shaft and a pair of openings for receiving the bendable prongs, which are caused to pass through their respective openings and extend outwardly as the distal end of each prong engages an appendage.

1459827516-d7c624c3-e118-4913-afd6-7bda65e6cf63

An integrated circuit module includes a ground plane having adjoining cutouts. The method is different from other similar methods in that it involves the use of space velocities of between 5. The controller may be configured to communicate with a remote server opportunistically via the wireless communications interface and an available personal computing communications device external to the electric vehicle charging station. The conducting layer is etched to form the gate electrode.

1459827516-f9561baf-2368-4c92-82b6-a7edbd973ef9

In a light emitting component, a resistor element is formed on the back surface of a substrate and its resistance value is adjusted to make the light intensity of a light emitting element in a predetermined range. The group of electrodes includes a positive electrode plate, a negative electrode plate and a separator. The fluid supply is adapted to be in selective communication with either or both the fixed and removable fluid dispensing units, such as through the provision of a fluid diverter element located at an inlet of the fixed unit and from which extends a conduit in separate communication with the removable unit. Portions respectively having different secondary electron emission efficiencies are provided on peripheral portions of the at least two apertures on a side opposed to the sample.

1459827517-192e4da8-0605-4601-a354-c87523a57cb9

A new cultivar of Clematis named Zoin that is characterized by an upright scandent habit, low to medium height and pink flowers that are suitable for use as cut flowers. The system comprises an input, a processing unit and an output. A determination is made in the computing devices as to whether an optional stop can be inserted between a pair of the stops in at least one of the delivery routes without violating a predefined set of criteria.

1459827517-26df4f21-0169-42e4-9ac2-5845e0871046

A method, system and article of manufacture for managing relationships in a data abstraction model abstractly describing data in a database. The decompression block is configured as a pipeline that may include a length module and a distance module. When soldering the silicon chip to the planar light circuit, the recessed moat is filled with solder. The smaller drop ball can then obstruct the radial port and by the increased pressure the deformable drop ball is extruded through the tool.

1459827517-41df5657-8327-4436-8ef4-7ec6a1aff7f1

A pharmaceutical package assembly includes a tether having a fold-over card mating feature, and a fold-over card configured to house one or more pharmaceutical blisters, wherein the fold-over card includes a tether mating feature. The present invention further relates to a method of inhibiting the formation of sulfur containing anions and preventing a reduction in the Eh of the oral cavity. This has created a need to maximize the area available for ad viewing. A control circuit is provided for pulsing the solenoid at a controlled rate to alternately allow oil flow and halt oil flow to the bearings for a time insufficient to cause oil starvation of the bearings. The raw material is spray-dried to obtain precursor powder, which is calcined to form ultra fine Titransition metal complex oxide and is then mixed with nano-sized carbon particles and subjected to reduction and carburization in a non-oxidizing atmosphere.

1459827517-b860e740-b6ee-4631-a13c-8947876698ff

This invention provides a polyolefin-based molded article containing microfibrillated plant fibers having high strength and high elastic modulus. Methods of synthesizing labeled compounds useful as PET tracers from labeled

phosgen are also provided. The process further includes etching the substrate in accordance with the transformed feature, wherein an etch stability of the feature is increased by the hardened surface. The first cladding includes a first coupling facet to which ends of the second optical fibers are coupled. A plurality of upwardly biased popup blocks are disposed below said cross-bar within the tailgate so exert pressure upwardly against cargo extending between the cross-bar and the popup block.

1459827518-0f011453-ef1b-4487-a434-4408a82920b3

A heat dissipating structure of an LED circuit board includes an LED circuit board having a plurality of soldering points. An extremely wide tracking range is realized in the projection system for simultaneous viewing of the reconstruction by multiple observers, which are situated beside one another. A latch system is configured to releasably retain the deployable member in its retracted position. The liner hanger can include a plurality of formations extending outward along an outer surface of the liner hanger to form interspaces for longitudinal fluid flow between the formations. The NIR includes a unified management module operable to receive and route a local management packet, sent from the host, to the first management controller via a first unified management bus and further operable to receive and route a remote management packet, sent from a remote resource via the external network, to the first management controller via the first UMB. The articulated arm includes a plurality of bearing arrangements comprising at least a pair of spaced bearings, the spaced bearings being pre-stressed such that, under an applied load, any motion of the arm is limited to axial motion and wherein the mechanical stability of the arm is increased.

1459827518-5f3073af-4347-463d-a067-f73d0e6cc041

An antibacterial liquid dish cleaning composition with desirable cleansing and stain removal properties comprising a C8-18 ethoxylated alkyl ether sulfate, two anionic surfactant, a betaine surfactant, a hydroxy containing organic acid, hydrogen peroxide, an alkyl polyglucoside surfactant, a preservative, at least one solubilizer and water. The first information includes location information and size information of a first slice of system memory where first tracing data is to be stored. The graphical user interface has an area for displaying a rendering of the design according to a first dimension specification. Further provided are methods of generating an immune response against cancer expressing a tumor antigen in an individual by administering an effective amount of the invention vector. Resources may then be provisioned according to the request.

1459827518-66be9d38-68f5-4d9b-bbf3-6e6a8546ff5b

In one example, this disclosure describes video encoding and decoding techniques applicable to bi-directional prediction. The apparatus includes a targeting device, adapted to aid in fixation of the bone fixation device to a bone of a subject. 0 or more, reacting the reaction mixture with the following compound at a halogenmagnesium molar ratio of 0. An abradable seal is also provided having an adhesive composition deposited over at least a portion of a substrate surface with an abradable sheet piece bonded to the substrate by the adhesive composition.

1459827518-b2adc8e2-e077-4b6d-a814-b02d88489e91

Color adjusting apparatus and method for a light source. A tensile specimen measuring method is also disclosed. According to the invention, the electrode path is coated with catalytic activating particles made from one or more non-oxidic inorganic metal compounds, which are reacted to form the corresponding metal oxides under gas development. The progressive separation of the load flanks is achieved by progressively changing the pitch of the load flank of the pin and/or box thread to vary the thread width. The controller dynamically connects a plurality of telephone terminals using the same codec to a media server via the distribution server.

1459827519-97244cf2-c4aa-4d65-9354-6a8b5ad9c10a

An apparatus for selective fiber optical channel monitoring and channel replication of wavelength division multiplexed signals is constructed by combining a dispersive element, such as an arrayed waveguide grating, with a multiplicity of simple 1\xd71 optical switches and either an optical splitter/combiner or a second AWG. The method comprises computing a link proximity value between any two mutually connected nodes in the network. A method for manufacturing an electro-optic device and a method for manufacturing electronic equipment that utilize the method for manufacturing an organic thin film element are described. The computer system for this system may include a PBX system and computers capable of managing phone calls to and from the PBX system to accommodate both two party and multiple party calls. The NetRAP apparatus uses the network topology, a traffic matrix, and the reliability parameters of a network as inputs and calculates the network packet loss ratio and sigma score, and provides a list of heavily congested links under non-failure or different single failure conditions. A recording of good die, partial die, mirror die, and partial mirror die information about the neighboring dies about the reference die is formed by recording step is performed by starting at the reference die and moving clockwise about the reference die one die at a time to form a stored neighborhood matrix.

1459827519-d45bb2bd-1850-43af-80f0-0970295caad4

A goniometer for use in measuring the range of motion of a patient is provided. The polyacrylamide gel for electrophoresis to be used in the method of the invention is characterized in that at least a part of the structure thereof has a structure represented by the following formula ; wherein M<sup>2+</sup> represents a transition metal ion; and X represents a linker group. The noise detector detects a wind buffet and a continuous noise by modeling the wind buffet.

1459827519-f2961871-588b-42b2-a0fb-dc447c0e75f7

An inventive system and method for collaborative commerce is presented. The battery electrolyte according to the present invention can achieve improved high-temperature storage characteristics and the life characteristics of the battery, by using a compound decreasing a concentration of HX through a chemical reaction with HX which is present in the battery and therefore causes deterioration of the battery performance. A heat spreader has a recessed inner wall and a peripheral edge which is adhered to or engaged with the mounting board in such a manner that the second surfaces of the semiconductor elements face a bottom interior surface of the recessed inner wall.

1459827520-1ffff48db-2aa2-46e6-b8e6-7cdafb8c29af

Disclosed is an image display device comprising: a pair of substrates facing each other, provided that one of the substrates is transparent; and charged particles placed in a gap between the substrates, wherein each of the substrates has a layer containing a compound having a silicone structure in the molecule on a surface of the substrates faced with another electrode. The printing control apparatus spools the print data in a memory. The soft mold may be photo-curable and formed of a material with a hydrophobic property similar to heat-curable molds.

1459827520-568f7365-48c3-4b7c-b9d0-c621ac9c5b65

A method of increasing linearity of an RF signal receive path includes measuring a signal amplified by the receive path. The system includes at least sensors for monitoring and measuring the pressure and temperature of the tire. The open/close mechanism controls flow through the outlet port. The routing communication protocol decoding module may identify incoming routing control communications and determine the quality of service level attribute of the incoming routing control communications. The present invention relates to a resin composition for forming a receiving layer, the resin composition containing a urethane resin, a vinyl polymer, and an aqueous medium, in which the urethane resin has an alicyclic structure in an amount of 2,000 to 5,500 mmol/kg relative to the total amount of the urethane resin, and a hydrophilic group.

1459827520-a2c40f0d-d072-44c8-bb49-b587718612dd

A device and methods are described for a non-invasive transnasal and transocular drug delivery to the central nervous system using iontophoresis technology. A service provider in communication with the property management system receives the tenant data from the property management system via a network such as the Internet, where the tenant data identifies a tenant responsible for payment of a utility service associated with a utility service account. Individual component maintenance times are retrieved associated with individual components of the integrated component.

1459827520-c6c7f7f9-94fb-4db6-9714-f248b4ac5113

A mounting structure is provided for an air-fuel ratio sensor on an exhaust pipe in a motorcycle in which a concentration of oxygen in an exhaust gas can be detected efficiently and accurately by the air-fuel ratio sensor. An switch system includes a plurality of switch modules each essentially including a pair of R-channel input collimators on one side and a pair of R-channel output collimators on the other side with a switching prism moveably positioned therebetween in an existenceactive or non-existenceinactive manner. The synchronization operation is performed wirelessly with the mobile device. The heater layer can be made of alternating insulating and conducting layers with heater elements formed on the conducting layers in predetermined pattern. The method is employed on individual networking devices in a distributed manner or is used by a centralized network management system to allocate protection paths.

1459827520-e3597f12-ce5b-46bd-86fc-276a4f315c79

A system and method are provided for biasing transistor switches in a semiconductor based high power switch. A stereo image pair is generated based on the depth map and an anaglyph image of the stereo image pair is displayed. The dehumidifier automatically drains condensed water in the container according to the quantity of the condensed water, does not have to be cleared frequently and is convenient. Each successive synapse has successively more post synaptic receptors according to a fixed ratio. The transistor includes a plurality of source regions of the first type of conductivity, each one of them extending from the second main surface in a body region; a plurality of channel areas are defined, each one in a body region between a source region of the body region and each drain channel adjacent to the body region.

1459827521-20a103e3-7a2b-4275-83f4-1a680de19f37

This disclosure relates generally to methods and devices for modifying biological tissue. The transform of that contour is then used to identify one or more source syllable transforms in a codebook. It has showy, pink flowers, and leaves with globose glands.

1459827521-852a925c-a2e4-40f2-b02c-c5d849392960

The invention provides a method and apparatus for transmitting signalling information to a receiver using a plurality of transmission antennas in a time switching configuration. The steps involve depositing a layer of a ceramic material on a porous or dense substrate. The housing includes an intake opening and an exhaust opening.

1459827521-858dda4c-6a7d-411a-9894-288494fdb703

\u2018SAVasalute\u2019 is a new and distinct variety of miniature rose plant primarily identified by its dark red, non fading flowers of exhibition, hybrid tea form on straight stems held above the plant making them ideal for cutting. A tubing swivel, an extension tool with protective sleeve, and an anchor may also be used. Variability in tissue absorption results in C-scan image contrast. The polyester polymer is dyeable with cationic dye while having excellent flame retardancy, and can be melt-spun like other polymers capable of being melt-spun.

1459827522-4036b2a3-a2c2-40b3-a533-172858e8756d

A contact pin comprises a plunger contacting an electric part, a bottom contact portion electrically connected to a printed circuit board, and a spring urging the plunger and the bottom contact portion so as to separate from each other, in which at least one of the plunger and the bottom contact portion is formed by press-working a plate member. 905 gcm<sup>3</sup>, a melt flow rate of 60 g/10 min, a Rockwell hardness of 107, a Durometer hardness of 84, and a melting point of 330 F. A peak detection module identifies a plurality of peak samples from the plurality of interpolated read samples. Possible other inputs to the signal processing apparatus include the input optical power, test optical power, etc. A second implementation, error corrective training, can be used to estimate option weight when a sufficiently large number of utterances are available. In this way, when radio communication is performed by using beam forming, the time necessary for finding and setting a beam direction is reduced, thereby reducing the transmission-disconnected time.

1459827522-89f60bbe-d2ac-4aa1-8f4e-fc2aa5f12b38

A wireless communication system includes using multiple antennas for simultaneous transmissions to multiple mobile stations. The body defines a lead receiving passageway extending between a proximal inlet and a distal outlet for receiving a lead therethrough for contact with the heart surface. When the electromagnetic countermeasure launcher electromagnetically generates propulsive force to propel a payload to its deployment position, inductive coupling between one or more propulsion coils of the launcher and the initiator coil induces current to flow in the initiator coil, which thereby initiates the deployment sequence. The internet protocol multi-media system then transfers call control to a voicemail screening server which plays subscriber the beginning of the voicemail message being left by subscriber and offers to route the call back to the called subscriber. CCT devices can also detect intrusions and/or tampering with cargo containers, and store a variety of collected data for later retrieval.

1459827522-9865eac5-a3b9-4aee-8037-f6cc0cd21967

A method is provided of establishing a communications session between first and second devices associated with first and second parties respectively. In the transmission power control system the base station comprises control means for controlling initiation of a balance adjustment period for performing the balance adjustment from a frame number determined on the basis of frame number of the balance adjustment period. If so determined, the display device performs filtering using a smoothing filter to smooth the target pixel. Light emitted by the light source enters into the light guide sheet via the light coupling structure and is evenly emitted to outer environment via said light emerging structure, thereby enhancing light source utilization efficiency. The connector is located at the distal end of the instrument and is arranged to be readily manipulated by a twisting action to connect the instrument onto the guide-wire for sliding movement therealong.

1459827522-c4f1ee48-2a3c-442b-be72-842119e00d4b

The invention provides novel organometallic complexes useful as olefin metathesis catalysts. The system comprises a mixing chamber connected by separate feed conduits to pressurized sources of the first and second liquid components. This positional arrangement allows the lens barrel unit to be provided as a compact retractable unit, and ultimately achieves miniaturization of the camera.

1459827522-fb44db91-22f2-46ca-8867-23255a288169

Generating a series of digits corresponding to a personal identification number of a user for unified messaging access to personal information management data. The present invention provides a substantially rigid orthopedic stabilization scaffold for attachment of one or more external fixators for the realignment of one or more

bones of a patient. A GPS antenna and receiver means provides onboard GPS position and velocity data in earth referenced navigational coordinates.

1459827523-816033ed-545c-4a59-8ce9-bb21af097ae6

A wireless communication device including a system ground plane and a retractable antenna is provided. The method comprises providing a cleaning disc, and applying a liquid polymer precursor to the cleaning disc by spraying or spin coating the liquid polymer precursor onto the disc to form a polymer precursor film on the disc. The light emission device may include plural semiconductor light emitting elements having a different wavelength ranges such as diodes stacked in a compact and predetermined order such that wavelengths of light from each diode are emitted from the light emitting elements.

1459827523-8e7c30a4-15bb-45c9-991c-6522da1bb0ca

An apparatus for use with a weather radar system having a radar antenna, the apparatus for mounting to an aircraft and for verifying terrain features shown on an electronic display, the terrain features based on terrain data from a terrain database. The method includes generating a first file of the file system referencing at least a part of the sectors and none of the further sectors, so when the first file is rendered by a playback device, the data is reproduced which is included in the part of the sectors. The acceptability of the security token is determined to authenticate the first user, and the acceptability of the identity token is determined to securely identify the second user.

1459827523-a80ab619-6beb-46ec-8aa4-3231899accb9

To achieve smooth drawing of air into a fuel cell, the air-flow resistance of an exhaust passage is reduced and intrusion of water into an exhaust duct is prevented. An LED light bulb is also disclosed. The variant may correspond to a variant of a user interface component of the CE device or a functional component of the CE device.

1459827523-f0e2ef0c-5632-434b-996a-1fa5f6bca3d1

Novel aqueous slurries capable of removing calculus, plaque or stains, adherent to tooth surfaces of a warm-blooded animal, when used in methods that are self-practicable by an individual human or practicable by an individual human on another warm-blooded animal, combine finely-divided charcoal; water; and alcohol, ammonia or hydrogen peroxide to form the slurries. A detecting circuit detects contact of the antenna with a user or decrease the electric field intensity around of the antenna, and generates a notice signal based on the detecting result. A binaural microphone may pick up ambient sound which is mixed or combined with the delayed program data for producing a combined stereo audio signal. The first supporting link includes projected parts projecting at edges of base ends.

1459827524-ae2c2f06-308c-4229-b02b-7e845a1b9383

A navigation system extends satellite navigation to divers, underwater vehicles, and surface vessels. Certain aspects can relate to creating at least one conformal absence of a non-optical electromagnetic output to limit distortion to an imaging of an at least a portion of an individual resulting at least partially from at least one distorting feature associated with the at least the portion of the individual. The base station has a GPS receiver that generates base station position signals, a master wireless modem that receives the mobile unit position signals, and the mobile unit message signals. The seatconsole may also be configured as a console in either the rear seat, intermediate, or front seat positions. An offset computation module provides first and second offset terms which are summed with the unweighted parameter estimates.

1459827524-c7e4c4d1-bce2-41a5-93ec-c71d6f6c57b3

A storage system for storing a plurality of single-serve-beverage cartridges. The infusion pump system can employ a number of power management techniques to reduce

the likelihood current drain of a rechargeable battery of the infusion pump system. The image data may include image of a tissue site and the reference color marker.

1459827524-d025eea1-8bb6-4bbb-8b0e-e6064a782fdd

A stiffener sheet for flexible printed circuit boards, includes alternately laminated polyimide layers and polyamideimide layers, wherein a molecular structure of the polyamideimide is represented by the following formula: wherein Ar and Ar' represents different substituted aromatic groups. Also disclosed is an optically-based system and method for detecting an occurrence of a failure in a CMP process by detecting surface pits in a metal film by an examination of pulse shape in a reflected probe beam pulse. Numerous dimples are formed on the surface of the cover. The item is provided to the user in exchange for a subset or all of the reward points.

1459827525-281323ac-7e84-43ae-9c65-1ebbc39e9494

Increased health, safety, and environmental awareness motivated the development of new and improved water curing technology for formulating, manufacturing, and using water curable compositions. A first detector is disposed on a surface opposing to a magnet fitted to an actuator, and a second detector is disposed thereunder. Next, the system produces a discretized representation of a well-conditioned boundary integral equation in the form of a well-conditioned matrix equation, modeling the interaction between the incident field and the object. An outer member is formed with double row outer raceway surfaces opposite the inner raceway surfaces. Preferably the ribozymal DNA contains a first recognition sequence :tagattg or ctact, respectively for CCR5 or CXCR4 and downstream thereof a second recognition sequence acttg or acgttg respectively for CCR5 or CXCR4.

1459827525-2d8aa5ec-5625-4d57-ad2d-604765a90321

In a disk drive of the perpendicular magnetic recording method, there is disclosed a servo data encoding method for recording servo data with a particularly low frequency on a disk. The line surface is surveyed by digital imaging and/or an electronic distance measuring device; and incidents of line rising from the spool are captured and reported to an on-board computer which, proportionally to such input, orders variable engaging/releasing of braking force to the brake of the reel to avert backlash. The sensor or actuator systems relate to the operating state of the fuel cell stack during normal operation and have a safety control module that is designed in terms of programming and circuitry to control safety-relevant sensor or actuator systems.

1459827525-42a8ee0f-8379-4f54-b5c9-c48d0c6bc135

Embodiments to increase the capacity of the evaporator of a vapor-compression refrigeration system are described. The polymer is a cyanate ester thermoset, a phthalonitrile thermoset, a crosslinked acetylene thermoset, or a hydrosilation thermoset. The skirt defines at least two areas of reduced thickness spaced from one another, which are configured to allow the skirt to flex when the overcap is removed from the container. The discharging drivers simultaneously turn on IGBTs of the switching circuit to discharge the smoothing capacitor when the output voltage of the power-converting power supply circuit is equal to or lower than a threshold.

1459827525-7caa9a75-c685-4ff1-87f8-84fbe2e5e390

Apparatus for assessing the condition of fruit or vegetables comprises a transducer which is brought into contact with the surface of fruit or vegetable in a tapping motion. Also provided are diagnostic, prophylactic and therapeutic uses. For each server, a collector thread is spawned to collect information regarding the server by sending requests to the server and receiving responses from the server. The processor then determines a desired modulation current for the laser using the slope efficiency.

1459827526-464cd9f2-2bde-4834-872f-61404836f5bf



A method of producing a H<sub>2</sub> rich gas stream includes supplying an O<sub>2</sub> rich gas, steam, and fuel to an inner reforming zone of a fuel processor that includes a partial oxidation catalyst and a steam reforming catalyst or a combined partial oxidation and steam reforming catalyst. In addition, the attachment may include a raised ledge that may be used to retain a customer's mobile phone, tablet, shopping list, coupons and/or writing utensil while shopping. The initial setup data is used for determination of memory operating conditions, and the status data indicates whether the initial setup data region is presently normal or not in functionality. In one aspect, the query is automatically submitted to the search engine. Video content analysis may be performed on the two-dimensional image data, and then the depth data may be used along with the results of the video content analysis of the two-dimensional data for tracking and event detection. More specifically, embodiments of the present invention relate to a pump and signal combiner capable of conveying several kilowatts of pump laser power for kilowatt class rare-earth doped fiber amplifiers without suffering thermal damage.

1459827526-8ab4b86a-c2f3-4c60-8846-34c90cd25c37

The features described herein are directed to a method and system for use in a computing environment for representing files stored in stacks by using a stack icon. In one embodiment, two substantially symmetric elements are used, each covering an opposite head and upper surface portion of the device. The system allows for the content provider to determine the license status of content and update the license status of content which was previously provided by that provider. One or more exit holes are provided in the first side wall for fastener screws. The apparatus and method vary the inertial forces applied outside the feet to affect the degree of difficulty of the exercise. The high frequency circuit apparatus comprises a multilayer substrate 12 in which direct current circuit patterns 16 and 17 for transferring direct current signals are formed on an upper substrate 121 of the multilayer substrate 12 while a high frequency current circuit pattern 18 for transferring high frequency signals is formed on a lower substrate located lower than the upper substrate.

1459827526-cc1fda8d-c87b-42e6-a749-eb841052d409

A sensing assembly comprises a forward point for mounting on a crop divider associated with a header. The invention contemplates separating C<sub>4</sub> hydrocarbons from C<sub>8</sub> hydrocarbons in an effluent from an oligomerization reactor. Shape recognition algorithms are applied at a suspected location of the human form shaped object in an image from the sequence of images to detect a shape of a human form in the image and a second feature from within the detected shape of the human form is then selected and tracked, thereby providing verification and updating of the location of the human form shaped object. A pair of locking slots are cut into the support transversely to and in communication with the axial slot so that the mounting pins can be rotated within the locking slots.

1459827526-ec101d84-0e54-421f-984c-c325ca9d53b0

A system and method for managing a spreadsheet are disclosed. In one instance, a RFID antenna is used to power a reduced-pressure pump that is fluidly coupled by a conduit to a reduced-pressure dressing. In one embodiment, the number of shards generated is based on the number of groups received. The deleted data is stored in a recovery log. If the portable information processing apparatus 10 starts dropping, the hard disk drive 14 enters the withdrawal mode.

1459827527-473dc746-41d7-4b3a-a207-378c4ee7e66d

Disclosed is a wideband and multi-band frequency up converter used in a satellite earth station. Each of the piston-cylinder units is formed of at least one piston arranged movably in a cylinder, and each is connected in an articulated manner, at one end, to one end of the stabilizer and, at the other end, to a spring-mounted wheel carrier part. Thus, the storage device according to the present invention can satisfactorily carry out recording operations even when information is recorded

continuously. A support ring is oversized in relation to the shaft so that a channel is formed between the inner surface of the support ring and the outer surface of the shaft and this channel extends over at least part of the length of the shaft. Each pulley assembly includes a dynamic synchronizing component, and the rigging preferably also includes structure adapted to avoid the usual leaning moment imposed upon the pulley assemblies by the cables of conventional riggings. In one embodiment, the pyrimidine derivative is capecitabine and the camptothecin derivative is CPT-11.

1459827527-6c8d9b2e-1d84-4eb4-a9ea-a6c81552a986

It is acknowledged that an electric double layer capacitor is markedly superior in power density and cycle characteristics to a secondary battery. The dental prosthesis, such as a crown or short-span bridge, is a prefabricated composite shell that is modified by the addition of composite material and cured on-site to form a custom-modified device. A portion of the stack gate structure adjacent a trench sidewall of the trench isolation region may include a first nitrogen doped layer. Additionally, provided herein is a cell culturing system including a substrate and a coating thereon of the composition to assess potential stimulators and/or inhibitors for their effects on various cell cultures while increasing the signal dynamic range. The system and methods include direct growth of graphene on diamond and low temperature growth of graphene using a solid carbon source.

1459827527-aec19565-a283-44f5-9a3c-54b6cfcb081b

A voice activity detection method in a low SNR environment. The driving dynamics of the vehicle are controlled by way of brake and/or engine intervention, notably depending on a change of the movement of the vehicle in the three-dimensional space and relative to the earth coordinate system and depending on the effective direction of gravity or the earth's gravitational pull. A display update is caused by transmitting a display notification to an IP telephone.

1459827527-bb6310d5-0eb0-4b9b-8e22-fb777afd055b

Novel organic compounds comprising azaborine are provided. The apparatus allows for easy attachment of cameras of varying sizes onto the scope of a firearm and along the same longitudinal axis of the scope. The variator disk having furthermore at least two partial disks which are designed as a traction disk, on which the running surface is formed, and as a supporting disk, respectively. A plurality of launch areas are defined for scenes of the presentation. And a cover substantially encloses the countermeasures system, wherein the cover is removably fastened to the mounting side of the mounting structure.

1459827529-19502c63-0626-4969-9e3e-1fe12afd5ac0

A laser depilator comprising a unit for removing hairs from the skin, a light source for irradiating laser light, and a lens for irradiating the skin with the laser light irradiated from the light source while deforming the beam shape so as to conform to the shape of a region of the skin from which hairs are removed by the hair removing unit. There are provided control tags, in a transmitted page selected to succeed a currently displayed page, for controlling display functions in said currently displayed page in combination with means responsive to these control tags for implementing said display functions. Even when each LED has a small light quantity, a sufficiently large quantity of light can be projected on the subject by the entire light source array unit, and hence, the three-dimensional measurement can be stably carried out. The system migrates the virtual machine to the hypervisor according to compatibility between the group tag and the affinity group tag. By using a central server to draw on stored information and content associated with the entities the server can broker the exchange of information between the entities and the devices.

1459827529-3022ddda-9f93-41df-b695-a6f44c4ebb6d

Particular embodiments may enable setup and signaling of co-routed and non co-

routed label switched paths of a bidirectional packet traffic engineering tunnel in an unambiguous manner with respect to provisioning of the LSPstunnel. A dynamic album may include a set of songs provided through an artist specific application installed at a user device. The method further includes conducting a lookup at the SMSC to determine the home SMSC for the originating mobile handset and sending a redirect to the mobile handset as means to facilitate a dynamic update of the home SMSC location stored on the wireless handset.

1459827529-cc7e95d4-a2ba-4154-b172-3ebb579190ab

A messaging server application system handles message creation, receipt, and response for any sort of digitizable message in any format. When it is time for a handoff from the first base station to a second base station, the first base station transmits to the second base station at least one of the sets of security information it received from the central security node. The molded polymer covering surrounding the cheek arms provide a round on the inner edge of the cheek arms which engage a wrist. There is no lightly doped region in between the channel region and the second heavily doped region. The host device will preferably disallow all further communications involving the particular identification code until the authorized user can be contacted and the transaction specific code reset or even a new set of transaction specific codes are provided. The technique is based on the recognition that there are traits of electromagnetic signals that are dependent on topography, the receiver, the location of the transmitter, and other factors.

1459827529-e75e32d0-a1c1-4d6b-b843-038bb711a7d9

A fluid collection system having an island with a central collection vessel with a splash pad filling the opening thereof and a fluid collecting surgical drape with fluid dams, and associated fluid removal ports for collecting fluids related to surgical procedures from the vicinity of a patient positioned on the drape on an operating room table. The outer leg part has: a tubular body defining a longitudinal axis and having an interior passage through which the axis extends centrally. The DMA circuit includes a data FIFO which is shared by all of the logical channels and the FIFO depth can be allocated dynamically allowing for the maximum number of channels to be scheduled and concurrently active.

1459827530-1411c693-9bab-404d-8668-1c73f322a931

An improved mass analyzer capable of parallel processing one or more analytes is set fourth. It is possible to increase the communication distance of a wireless IC chip with an on-chip antenna simply contrived for reduction of the production unit cost by increasing the size of the antenna mounted on a wireless IC chip or by increasing the output power of a reader as in a conventional way. Further examples include methods of plugging a honeycomb body with a plugging material control module. The power factor control circuit regulates the DC output voltage.

1459827530-907fc80f-8e77-48a7-a299-345884de39db

There is provided a semiconductor device that enables high-speed data read and reduces the area of a drive circuit for activating a word line. The ambassador guide improves response time, automation, and efficiency of use of searchers and resources of the search system. The global smartcard cache data is associated with a freshness indicator that is compared to the current freshness indicator from the smartcard to verify that the cached item data is current. The first lumen extends along the catheter body to pass an inflation material to the balloons to control an inflation level of the balloons.

1459827530-93ea18a8-8401-445b-888f-2238b0feb5eb

A fiber optic sensor system comprises at least one measuring sensor 1 providing an optical output dependent upon one or more parameters to be measured, e. In this configuration, when the disc reproducing means is performing a reproduction operation on a disc, the tray driving means moves the tray at a low speed, and,

when the disc reproducing means is not performing a reproduction operation on a disc, the tray driving means moves the tray at a high speed. touch, as well as by eyesight to determine wear of the brake assembly friction couple. In an equipment or a system to which the invention is applied, it is possible to flexibly adapt to deviation or fluctuation in its characteristics and to reduce the power consumption. Message senders and receivers may choose from a variety of filter and forward options that allow them to manage their communications via the universal mailbox. Additionally, the power conversion system also includes a controller that provides a self-adjusting set-point control scheme for the power converter.

1459827530-da473770-3319-4778-8666-acaf072b26fe

A resin composition having excellent impact resistance and heat resistance, comprising a poly-3-hydroxybutyrate, and a core-shell latex rubber comprising an acrylic rubber and/or silicone-acrylic rubber copolymer as a core component and polymethyl methacrylate as a shell component, or a specific thermoplastic polyurethane, is disclosed. The connecting device has a housing arrangement which forms an outer conductor. Optionally, to reduce harmonic distortions and to further stabilize the output common mode voltage of the amplifier, current is controllably supplied to the intermediate stage of the amplifier. In one alternative aspect of the invention, the switch at the switch-out end of the waveguide resonator is a plasma switch, employing at least one dielectric window positioned in the resonator guide to have minimum effect on the resonator Q. The common-mode level adjust circuit alters a common-mode level of a differential input signal to be substantially equal to a desired common-mode level and the tuning circuit provides a compensation voltage to the common-mode level adjust circuit based on a difference between the common-mode levels.

1459827531-178be359-8066-4d1e-b037-96b23bdddb3c

A method and system for allowing a vehicle dealer and manufacturer to match dealer orders and manufacturing plant shipments easily and equitably are disclosed. The new variety is an Abutilon, and naturally blooms from April to September. The phase images are then combined to generate a single high-spatial resolution phase image of the optical wavefront.

1459827531-269864bd-d459-497a-89c9-ec9fa24d826f

A medical bed for positioning the patient in the lithotomy position having a mattress pad including a flexible footrest section. In the present invention, audio advertisements are selected based on a mobile phone subscriber's profile, and accompanying SMS messages or m-coupons are further transmitted to the subscriber only upon their request. Preferred embodiments also include positioning the restricted venting away from the bulk of the capillary material in the fluid container, and providing a capillary break and capillary accumulator adjacent to the fluid interconnect port. The control unit includes a repetitive controller storing a predetermined number of the push-pull signals.

1459827531-73605e1e-a03d-4551-9e16-dde3c6377017

A scanner system analyses data plotted in a scatter plot in accordance with user-specified criteria or statistical measures from the data population, to produce a scatter plot that displays in the plotted data the boundaries for the selection of out-lyer points and/or otherwise visually denotes in the plotted data which points are the out-lyer points. The subject connector includes a housing having an electrically conductive portion and a bore therein. Its hardcoat layer has a pencil hardness of 4H to 9H. The flange is seated in a groove at the side of the bearing block and lowers the coefficient of friction at the rockshaft thrust surface interface. Using a shim, executing at each node, to monitor each of the processes, the parallel process is debugged such that neither the process or the particular message passing system implemented on the cluster, needs to know of the existence or details regarding the debugger. The controller includes a historical data recorder and a processor.

1459827531-9065c331-d6b2-4bf6-8847-b4ff271bc744

Entity disambiguation resolves which names, words, or phrases in text correspond to distinct persons, organizations, locations, or other entities in the context of an entire corpus. The monitor module is configured to receive a set of indicators from a wireless network. As a result, the alignment and spectral response of the tunable filter train are optimized. In at least some embodiments, the UID can be configured with a controller, a microprocessor, and a vector-specific actuator that includes an electrically-deformable material. The channels and the passages are oriented consistently with the airflow of the fan. The interworking interface module preferably comprises a mobility gateway and an IP client, wherein the mobility gateway handles mobility management information and the translation of control signaling information between the cellular network portion and the packet-switched network portion.

1459827531-d45d07a8-2bad-44fb-b4a9-480a9fe336da

A system for chemical mechanical planarization comprises a platen assembly for holding an object to be planarized and a polishing head comprising a puck holder assembly for coupling to a substrate for holding a polishing pad. A signal obtained during the scan may be sampled and digitized based on detector position over the multiwell plate. The first, second, fourth, and fifth internal ground electrode are connected to the respective switching regulator devices.

1459827532-386be6fa-2ca3-4f32-8b37-0706bd77d02a

There is disclosed a method of providing detailed information using a multimedia based traffic and travel information message and a terminal for executing the same. Routing information is further shared with the external protocol peers, and fault tolerance is provided in some embodiments by establishing redundant communication sessions with external protocol peers. The digital files may be stored in the electronic device, any device functionally connected to the electronic device or a combination of the aforementioned. Remote calibration is implemented using a method for remotely compensating for I-Q imbalance wherein a data packet having a known signal is transmitted to a receiver for conversion by a quadrature demodulator and compensation factors are estimated for compensating for imbalances in the in-phase and quadrature phase signals resulting from conversion of the known signal.

1459827532-b66725a0-86ff-48ba-a1fa-08f80c06065b

A system and method are for inserting modifications into an executable program at the time an operating system loads the executable program for execution. As the temperature of the critical components in a power supply rises, the output voltage from that power supply will be lowered, so that the coolest supply will have the highest voltage and thus the highest current to the load. The covered electric wire uses the flame-retardant composition as a covering material.

1459827532-d2d6bdc7-5a89-482d-869a-47a939987b5c

A method for controlling a solution process for the polymerisation of olefins is disclosed. An aqueous solution of a hindered amine selected from the group consisting of 2-amino-2-methyl-1-propanol, 2--ethanol, 2--ethanol, and 2--ethanol is used as the CO<sub>2</sub> absorbent solution, and carbon steel is used in building the members of the equipment that contact the aqueous hindered amine solution. A plasma field is generated in the plasma generation section, such that the plasma field is generated remotely from the processing section. Treatment or maintenance operations can then occur through the ports, which can be fitted with nozzles. Detecting an incoming train direction at a predictor by utilizing a second receiver attached to the track rails at a location offset from the first receiver. Air forced into the shelf board combined outlet duct 5 through the air duct 10 is exhausted through an outlet opening 5d of the shelf board combined outlet duct 5, and air curtain is formed along the opening of the storage section 11 of a cabinet 1.

1459827532-d5dd7112-6d91-4040-8793-d18f5f0d6405

The present invention is directed to a strong platelet aggregation-inhibiting agent which does not inhibit COX-1 or COX-2. In case an obstacle which blocks a smooth traveling of the vehicle is detected in the first route, a second route to bypass the obstacle is searched for. The runtime environment further includes a scoped memory area for the allocation of objects therein for access by the critical real time thread. They can also be fabricated using metal. C) Facet joint immobilization may be implemented by inserting a fastener across the facet joint and into the vertebra so that the assembled fastener expands inside the vertebra. In one embodiment, the apparatus comprises two or more interrupt vectors and moderation timers are set with different interrupt rates.

1459827533-4b3e7cc1-0148-4bd8-8fd1-fc97c0bd25ba

Apparatus and method for testing a system having a transient response that is longer than the intervals between stimulations, using a sequence of stimuli containing a small jitter. Measurement errors attributable to transistor threshold voltages are canceled out by obtaining a difference between output voltages. The storage device contains program code which, upon being executed by the processor via the memory, implements the method. In the detector the neutron reactive material is arranged so that the incident neutrons to be detected interact with the neutron reactive material essentially in the portion nearest to the charge collecting areas provided by the electrodes in the first semiconductor element to which the neutron reactive material is coupled with.

1459827533-d04f6e15-569c-4b13-9c53-b122269f992b

Embodiments of the invention provide a method associated with a RAID configuration, wherein RAID storage volumes are created by RAID controllers from a shared pool of disk drives. In one aspect, a request is received at a server for a syndicated feed from a peer on a peer-to-peer network. In the latching mechanism, the extensible lever system is locked with the spring energy store under tension by way of a support element, an auxiliary lock and a primary lock, in addition to a stop that is allocated to the primary lock. An acknowledgment is sent in response to the amount of data received from the sender meet in the expected size of the congestion window for the sender.

1459827534-07856364-c228-437f-9401-9fae04decba5

The invention relates to a method for producing special transition metal compounds, to novel transition metal compounds and to the use of the same for the polymerisation of olefins. The router utilizes protocol templates to identify the protocols that encapsulate messages sent by the devices, and to determine the format of the messages. During a burst access cycle the address is incremented internal to the device with additional address strobe transitions. For each blind hole, a through bore is arranged in the second yoke half, wherein the attachment screws are passed through the through bores and are received in the blind holes. Memory read requests to read data in a cache line that is not currently in tile shared invalid state are broadcast first to remote nodes.

1459827534-de23bb2c-7d9a-4ef8-8278-b06152102222

An optical recording medium and a method and apparatus for assigning a spare area in a rewritable optical recording medium are provided. The software application is used for facilitating interaction with a schema-defined service by a terminal device over a network. This method can also be used to complete partial metabolic networks and cell signaling networks where adequate starting information base is available. A signal having, for example, time-varying envelopes is used as an optimized test stimulus. Following patterning of the photoresist, isolation trenches are formed in the semiconductor substrate by etching through the silicon rich nitride in accordance with the pattern formed on the photoresist.

1459827534-ee4ea7a7-2f95-4910-9893-8a0471842370

A system and apparatus for cleaning a substrate is provided. In such a flat panel display manufacturing apparatus, a process gas is supplied into a chamber in an evenly diffused state to generate even plasma inside a symmetrical interior space of the chamber. For laser welding, a pocket is formed in thick parts to control the welded web thickness for fast melting and thorough mixing of top and bottom materials. Electric current of each motor is increased or decreased so that there is no current difference between the motors 13. The critical desorption pressure is determined based upon the presence of gas within the formation fluid. An engineering operations channel providing control functions is carried in AAL2 minicells.

1459827534-f3e734b5-6347-4de3-96a5-1752ded28d91

Generally speaking, systems, methods and media for implementing a firewall control system responsive to user authentications are disclosed. Also included are a sense amplifier for amplifying data of the second global data line pair and outputting the amplified data to a data line, and a write driver for outputting data of the data line to the first global data line pair during a write operation. The second meander-shaped conductor is disposed on the substrate in a second reciprocating bend manner for providing a resonant frequency band corresponding to a second operating frequency. AC power is switched between the transformer taps in response to a request for an increase in lighting intensity.

1459827535-2c58306a-9721-4f0f-96e9-857197850ce2

A flange bolt cutter for separating two connected flanges. A plug is provided for connection to another outlet for expanding the other outlet. The upper side-wall insulating layer can be etched back to expose part of the lower side-wall insulating layer formed in the bottom of the contact hole. The bearing unit is installed between the hub body and the hub axle at one axial end portion of the bicycle hub so that the hub body freely rotates with respect to the hub axle.

1459827535-71cc10c2-28b7-4622-8e50-17d0fc9f7256

A capacitor 12 is formed by laminating a lower electrode 12b, a dielectric 12e and an upper electrode 12t in this order. A spring rod has a first end mounted at a first location to the first wall of the insulated compartment and a second end mounted at a second location to the second wall of the insulated compartment. In response to a trace being evicted from trace cache, the prefetch unit may fetch a line of instructions into instruction cache. A semiconductor device is directly formed on the flexible substrate using a semiconductor process. The inlet is connectable to a fluid source and the outlets are connectable to appliances such as a shower, bath or washbasin.

1459827535-e934c2c3-224c-4162-b504-7244ad2a8505

This invention relates to the composition of metal alloy-doped heterogeneous catalysts and their method of use. Light can propagate in the portion, such as in response to illumination. The memory also includes a cumulative production value for each time window. The configurable width buffer device includes a multiplexerdemultiplexer circuit coupled to the entry pin and the internal channel for accessing the memory device.

1459827535-f9b1d473-f4b2-4c54-9596-e89cba13fc81

Provided is an information processing system capable of preventing leakage of business data from an information device for personal use such as a portable telephone and false access to an in-house system. The waveguide material is capable of propagating light generated by light emitting source, such that at least a portion of the light is diffused within the waveguide material and exits through at least a portion of its surface. A media access controller is provided with an address filter table capable of storing a plurality of entries. The antenna also includes an electrically conductive, non-planar ground reference located at and/or to a second side of the imaginary plane.

1459827536-09998f85-f7e8-46e7-b0f4-b1d6dfddaa84

A new and distinct variety of rose plant is provided which forms in abundance on a substantially continuous basis attractive double cuplike blossoms that are orange and finish to light coral-salmon coloration. An event record is stored that associates a command entered by a subscriber to a time. Also provided are methods for treating Wnt-related disease states.

1459827536-7a2c0e36-0f3a-4246-a8a7-dccd2c0e9bbd

In a disclosed embodiment, a \u201cvoice noise power\u201d is added to an aggregate voice power which is the total voice power used by all users in a cell. The plurality of terminals includes a sensor terminal connected to the sensor, a power terminal connected to at least one of the sensor and the storage, and that receives power, and a data terminal connected to the storage. The second dealer may also have previously determined a minimum acceptable commission, which may be posted on an administration environment or page maintained by the second dealer. The service gateway keeps track of client available memory and sequence numbers in messages to generate error codes when applicable. A core VM is associated with a shell VM configured to perform shell VM functions and communicate with the core VM.

1459827536-a30496d4-45e0-455f-8511-f6614d094d41

A method is performed by a computer in communication with a hardware security module. A radiation detection badge in accordance with the invention comprises a radiation detection unit placed within a sealed thermoplastic package, wherein the thermoplastic package has a geometric feature that constrains the radiation detection unit to an orientation within the package. A plurality of spacers disposed between the diaphragm and the channel plate for supporting the diaphragm on the dams. Securing means are provided on the bottom of the support for mounting the support to a surface on a watercraft.

1459827536-b8385b4e-a6b3-47ee-a56a-9565faa4a256

A printed circuit board may be used in a first mode where boundary scan techniques are used to externally program and/or test devices on the PCB, or a second mode where an internal source programs devices using boundary scan techniques. Oil and air are drawn from an oil cavity of the bearing assembly and evacuated through the rotating shaft as the shaft rotates. electric motor includes a stator housing, permanent magnet structure, and an armature assembly. The thrust inversion flaps pivotally move between a normal operating position in which they allow the passage of the secondary airflow and block the windows, and a thrust inversion position in which they block the passage and clear the windows.

1459827536-ee1dcb5-a155-4ef6-8a57-7bd4028592b7

A method is provided for maintaining the heat in an exhaust after treatment system connected to the exhaust pipe of an internal combustion engine. The chamber can receive photographs and other objects that can be viewed by persons standing at the gravesite. Use of the temporal tags allows for automatic distribution of content relevant to the recipient, based on their presence in the video, or of persons in the video of which they are interested. When located near an interior opening, the barrier element may be provided on a reinforcing member positioned around the opening or on a door which shifts to improve access through the opening during placement of forming ties or the like.

1459827537-3e98a6c9-4043-4bc4-af71-69ef1131e044

The present invention provides a method to balance a clock tree dynamically. The device may communicate the calling parameters identifier to a called device, may receive a called parameters identifier from the called device, and may communicate the called parameters identifier to the network device. The first spiral stirrup forms a plurality of pitches and axially wraps at least a portion of the steel element. The user terminal drives a game service platform associated with a



plurality of games and provides the game group creation request information and the ranking inquiry request information through the game service platform. A desired medical device is then configured from the fine grained material.

1459827537-6e201768-549d-4463-8fbb-2f8b68812d30

A specimen holder and method for controlling the same, which can mount and fasten a specimen to allow observation thereof by joining a body and a stand of the specimen holder together. The track sections are each provided with a slot 110 with which a power point connector 400 may be engaged at any point by inserting a contact member of the connector 400 through the slot 110 at a chosen point and then rotating the connector 400 by 90 degrees to bring the contact member into engagement with electrical conductors 126, 128 of the track. The radio frequency shield has a first portion, which shields the associated coil segments from adjacent magnetic field and magnetic field gradient generating coils, and side elements, which shield the coil segments or groups of the segments from each other.

1459827537-beeb0b8f-a8bd-4548-a8c1-1761da1e0ec5

A tool determines a characteristic of an installed weld fastener using a dimensional measurement device, and includes a threaded portion engageable with the weld fastener and a cylindrical portion. In one embodiment, the reversible work platform is attached to a frame assembly with a plurality of bushings and associated bolts, and can be reconfigured from a left-handed configuration to a right-handed configuration by removing the bushings and bolts from above the desk, flipping the reversible work platform, and reinstalling the bushings and bolts from above the desk. The configuration may be for specifying applicable industries and/or countries for the modeling element. It is incorporated in the packet header, and means that the same interface can be used to couple many different external gateways, and interface them with many of the gateway controllers. The loops containing the first portions of the connectors can be removably attached to separate poles on either side of a back of a chair.

1459827537-e76a08f7-0faa-4ea6-b9fe-7768597c64c1

A method is provided for determining a bandwidth allocation needed to provide a specified QOS requirement that takes appropriate account of statistical variations for packet streams in a transmission link. The frame-protector sidewalls may be connected together via a frame-protector bottom wall. In a semiconductor device including a thin film transistor, a semiconductor layer of the thin film transistor is formed with an oxide semiconductor layer to which a metal element is added.

1459827538-11281c94-480a-4ccc-8eda-8a8c8bb8064d

An improved apparatus and method for gravel packing is provided. The system and method can also allow the first subscriber to continue to make and receive calls and messages with the second subscriber's mobile device. The electrodes extend from at or about a corresponding one of the fixed contact and the movable contact toward the closer of the first end of the vacuum envelope and the second end of the vacuum envelope. The examination measurement value is compared with a reference measurement value, and conclusions can be drawn about the topographic and/or chemical properties of the object from the result of the comparison. For each range estimate, a confidence level of a range estimate is signaled, a confidence interval for the range estimate is signaled, and a confidence interval scaling factor for the confidence interval is signaled. The heat dissipation device includes a bracket attached to the motherboard and at one side of the memory chips, at least one fan, and at least one connection member attached to the corresponding fan.

1459827538-292fcea1-4012-4945-9ca1-44d81f99c17e

A film containing an interpolymers of ethylene and a 3-substituted C<sub>4</sub>-10 alkene is prepared using a catalyst system comprising a Ziegler Natta or chromium oxide catalyst. The underside of the cap is provided with a plurality of spaced shallow indentations elliptical in shape and moulded into the plastics material. The

invention is based, in part, upon the discovery that a combination of agents directed toward the various stages of the chlamydial life cycle is effective in substantially reducing infection. The heat sink structure may also include a coating of radio-frequency absorbing material covering at least a portion of the second surface. The processing unit is associated with a mixer unit having means for combining the second audio signal with the first audio signal.

1459827538-b5d89068-1ee2-44b0-b418-2ded2cff4ab9

A lock device having a key and a lock cylinder. Dynamic signal processing comprises determining the rate of motion of a dataform, for example a barcode, which is passed in front of the scanner's data collection module. The host or the server can verify the response to authenticate liveness of the input imagesignal and reject it if the response is different. Let  $L_x$  be the lossless encoded data length, and  $L_y$  be the lossy encoded data length.

1459827539-a8f97cb0-c02a-4ded-afd0-82f74c72fb79

The invention generally relates to the improved performance of the rear planetary gear in an automobile transmission. The apparatus includes a channel estimator and an antenna selector. Subsequently, the information about the predicted maintenance management is represented on a display means. The CPU 104 checks the limitation on transmission capacity set in advance for each data transmission means.

1459827539-a95646c5-52f2-4d21-84a2-d81f56abb0f3

A new method to form RF devices in the manufacture of an integrated circuit device is achieved. The present invention provides a way to transmitreceive the CSI more accurately and efficiently by setting a virtual reference resource for measuring the CSI. Also, before the operating system refers to the registry data, the rewriting data stored in the RAM is used to rewrite the registry data stored in the RAM to the registry data included in the rewriting data. Thereby, the wind turbine component is connected solely to the support structure in a fixed but detachable manner. The frame includes at least one anterior support member that extends downwardly from an upper leg engaging portion to define an anterior ankle portion which extends to a medial portion connected to a foot plate.

1459827539-f946552f-528c-4c05-a8f8-6fed55f7153f

A fuel injector for a gas turbine engine comprises a housing stem and a nozzle, the nozzle including an internal wall in heat transfer relation with fuel flowing through the nozzle, and an external wall in heat transfer relation with ambient air. The system includes a first and second manifold. The database activity monitor determines whether the database activity monitor became unavailable, and, in response to determining that the database activity monitor is unavailable, restarts the database activity monitor. The structure may be treated by expressing the melted obstruction from the structure. According to this structure, Small size semiconductor device having high reliability even after a probing test can be provided. With this construction, when the exit light beam from the first anamorphic optical element is divergent in the auxiliary scanning direction, the degree of the divergence can be controlled in accordance with the position in the main scanning direction to keep the diameter constant when the light beam enters into the second anamorphic optical element.

1459827540-253e4277-b675-49dd-a7de-bff0a8de03b9

Huffman trees may be rapidly and effectively created by sorting a plurality of nodes by weight in an insertion sorter stack, popping the two lowest weighted nodes from the insertion sorter stack, forming a branch node from the popped entries, and placing the branch node into the insertion sorter. The plate has at least one aperture for receiving the latch and at least one flute along the face of the width of the plate allowing epoxy to be placed between the plate and the door jamb. The first input device is selected from the group consisting of an accelerometer, a microphone, a camera, and a biometric sensor.

1459827540-9384a733-1bea-4c67-91a7-9cee5818bb19

A method is disclosed for determining and predicting temporomandibular joint motion and to use the predictive model to prepare improved TMJ replacement joints, improved crown, cap or bridge contouring, improved teeth alignments and placements, and improved mouth guard and dentures. In one embodiment, the requested tasks are telephone calls received by a network based contact center, and the workers are telephone agents associated with the network based contact center. The method may additionally include pivoting the second pivot axis about the first pivot axis when pivoting the second door, the second door being of a smaller size than the first door and forming at least a portion of the first door. An interlock is engaged with latch mechanism and is in selective engagement with the quadrant. According to another implementation, controllable devices are placed between wordlines and the wordline driver circuits. The technique utilizes an autonomous underwater vehicle to obtain data on water column characteristics in a seismic survey area.

1459827540-d8fe924b-bd10-40c2-8469-673d725478f9

A method for reading data from a plurality of DRAM devices connected to common command, address, and data busses. The network configures a monitoring pattern for each of multiple CCs that are configured for the UE in dependence on the received capability information. In a first operating position, the running gear is in an active position for road traffic and the packer tools are brought outside the engagement range with the ground.

1459827541-02e2d680-64dc-4382-9c00-77bfde501108

A packet analysis apparatus analyzes content of communication obtained as a result of monitoring or capturing a packet passing through a network. Each of the communications lines is coupled through the system and includes a first termination at a first telecommunications termination site and a second termination at a second telecommunications termination site. The rectilinear ultraviolet radiation source is disposed at an angle to the plane of rotation, and not parallel or perpendicularly thereto, therefore. The main piston and the damper tube at least partially define a compression chamber.

1459827541-0b4a18b5-2ad3-4f39-9538-df277e2f08c7

A powertrain system is configured to transfer propulsion torque to a driveline of a vehicle. When a signal of an -th image is applied to the signal electrode, the pixel drive circuit applies a voltage to the pixel electrode during a first duration of time in response to a signal of an N-th image stored in the first sample-and-hold circuit, and the second sample-and-hold circuit stores the signal of the -th image within the first duration of time. The service node then matches the offer and requests in accordance with one or more parameters specified in the offers and requests. An optical fiber advance mechanism be used to advance and/or retract the length of optical fiber to align it within the hollow probe.

1459827541-2ab1728c-d8ce-42ed-b86b-2f8eb7062dc2

A method for classifying a tissue sample of a biopsy specimen into one of a plurality of classes is presented. The H-switch circuit controls direction of current through the magnetic write head. A communication area of a first antenna to read out data from the representative tag group is arranged to partially overlap with a communication area of a second antenna to read out data from each RFID tag of the tag group. The desired curve for ECT warm up trajectory is used to adjust temperature in the cabin so that fuel consumption can be reduced.

1459827541-6f1538d4-4b84-447b-bbc5-5a9125b4a4bc

One aspect of the present disclosure is directed towards a new film forming paint that Bragg diffracts light in the visible and NIR spectral regions. Fluid pressure opening applies a discharge pressure to chamber for delivering emulsion explosives composition through outlet to delivery hose for charging blast holes. The swivel

base is pivotally connected with the front strut and the rear strut, and further has a vertical shaft hole for pivotally connecting and supporting the foldable upper frame.

1459827541-c7b16278-ad34-4a57-b919-bf07c34deab4

Provided are an apparatus and method for coding and decoding a multi object audio signal with multi channel. In a laser machining method for removing remaining defects on a photomask by a method of laser machining, the remaining defects are removed by using a configuration in which irradiation with a laser beam is performed from below with a to-be-machined surface directed downward, and irradiation with a laser beam in an atmosphere containing a halogenated hydrocarbon gas. The amount of filler in the paper is measured, as is also the filler concentration or the total concentration in the white water or the stock. The printer system outputs a transfer request to the network server system in response to the print request. The recorded signal is converted and analyzed by the frequency detector, and is compared to a known preprogrammed specific frequency vs. The retaining means may comprise a hole through the bar through which the retaining element, in the form of wire 30, 32, extends.

1459827542-3413b17a-fc38-4af5-93b5-f561d13883eb

The embodiments disclosed herein relate to various medical device components, including components that can be incorporated into robotic and/or in vivo medical devices. The contraceptive device may remain in a small profile configuration while a sheath is withdrawn proximally, and is thereafter expanded to a large profile configuration engaging the surrounding tissues, by manipulating one or more actuators of a proximal handle with a single hand. Spatial adjustment between the first and second portions is provided by an adjustment assembly.

1459827542-6c0b601d-bc91-40ea-806a-bccaaa21862c

A multi-floor building construction system for progressively constructing floors on load-bearing means of a foundation as the occupational need to do so arises and while sub-floors can be occupied. The HST includes a variable displacement hydraulic pump driven by a prime mover, and a hydraulic motor fluidly connected to the hydraulic pump. under a pressure of 0-3 kg/cm<sup>2</sup> to form a buffer layer on the inner walls; and vapor depositing a metal alkoxide as a barrier on the buffer layer; and vapor depositing an alkali metal alkaline earth metal compound alone or mixed with metal alkoxide as a decoking layer on the barrier. When the control mechanism is operated, it opens the valve structure to connect the ports of the rotation motor to one another.

1459827542-93723101-a114-4dd4-8a90-c160dba9322c

Provided are a method and system for reducing glitch in a switch circuit. The application server code is deployed within a distributed datastore and utilizes the datastore's data locality information to fulfill requests with minimal remote procedure calls, reduced transfer of data between servers, and shared data caches. When the computer couples with the female USB connector, the auto-detecting switch would automatically couple the converting means with the network.

1459827542-f1a46b2d-bbfd-4568-81c1-595b4ef2c7bc

Portable platform assemblies, e. This invention relates to collection of chemicals for separations and analysis. According to some aspects a frame of reference using predetermined markers is defined and updated based on a change in location of the markers and/or specific signature information. Wireless transmissions between the portable audio device and the external audio system may be, but are not limited to, optical or radio frequency transmissions.

1459827542-f7f4b4bb-ad4e-4542-9a51-93383a081523

An approach is provided for generating accurate and substantially real-time map and location-based data in a cost-effective manner. The imaging unit adds signals of

respective N pixels out of M pixels per single frame and outputs signals of MN sample points at each frame for high-speed imaging and imaging at a second frame rate greater than the first frame rate. Each gripping member is movable relative to its respective link for gripping a container by the neck of the container. The storage system also includes switch and mapping system, which in one embodiment could be an interface bridge processor, operatively linked to each of the plurality of drives. The classifying, selecting and allocating steps are repeated until allocation of resources is completed.

1459827543-1bc0ecb1-75db-4124-8cf0-c6f65baab411

An educational tool for teaching a child to read and write includes a writing board having a writing surface and a raised rim extending around the writing surface. The light emitting diode is fabricated on a semipolar or nonpolar GaN containing substrate and emits electromagnetic radiation of a first wavelength. According to the lantern detachable cap, since the lantern detachable cap has a clip part at a lower portion of a connecting portion of a moving manipulate member and a lantern attached to and detached from the clip part, the lantern can be freely attached and detached. An aircraft central processor unit is operatively coupled to the pilot sensor.

1459827543-a8f4986e-9b72-48c4-899c-5b8f1295adbb

A method for detecting precipitation in a region monitored by radar beams includes ascertaining a first average power of a first backscattered radar signal, ascertaining a second average power of a second backscattered radar signal, and detecting an existence of a homogenous medium when the average powers conform. The saddle pads incorporate a perforated honeycomb cellular structure which contours to the horse's back and/or the saddle to provide uniform load distribution. The current transformer may include a plurality of current transformers. A plurality of user-interactive mechanisms are provided on the housing. As a result of the visible light characteristic changing layer being exposed to the laser beam, a visible-light reflectivity of the visible light characteristic changing layer is changed, thereby forming an image corresponding to the image data on the label surface. The magnitude of the voltage swing between the first and second voltage levels is reduced in comparison to other voltages of the Content Addressable Memory device, or in comparison to the voltage swing of prior art bit lines, so that effects associated with power dissipation by the bit line are reduced.

1459827543-cef8e650-bd73-440a-820c-acd94b17ab38

A sensor system for sensing liquid level in a bilge, for use in automatic bilge pump actuation. According to the present invention, there is provided a diagnostic agent for diabetes which can be used safely without side effects to give accurate results immediately with less physical pains on the subject. The outboard motor has an oil pump, a suction passage, and a return passage. The second boot will cut in booting time for a specific application and will make application software small. The droplets are sized to substantially freeze on contact with the cooled surface. The device authenticates itself after having received authentication data from another device during the read mode, and the device switches permanently its mode to the write mode after being authenticated.

1459827543-ef752b8c-7d66-4d3c-a945-35569bc49cf1

Provided are a hard tissue restoration material, which is excellent in hard tissue restoration ability, extremely effective in promoting recalcification of dental enamel, and excellent in protection properties and aesthetic properties, and a hard tissue restoration method. Each cell includes a respective plurality of member stations and an access point station. The counter keeps track of the number of under-flows and over-flows the absolute rotary position sensor generates during movement of the actuation element. The module includes a second memory device connected to the signal line and the clock line such that the signal and the clock signal arrive at the second memory device at substantially the same time and after

the signal and the clock signal arrive at the first memory device.

1459827543-fbc516b8-165c-4041-93f5-1b76e865a2b9

A two-piece planet carrier for use in a power hand tool, the carrier comprising a drive portion mountable to a rotor of the tool and a pinned portion having a crank pin. The base body has a first surface and a second surface which is opposite to the first surface and receives light from light sources. In addition, the Java beans are preferably implemented as dynamic Java beans.

1459827544-62eeacce-c689-4e56-bb08-b024524af8a5

The present invention provides a process for production of a cyclic ester by depolymerization of an aliphatic polyester. When supplying an alternating current to coil with the frequency swept by impedance analyzer, the magnetic field made to be induced in coil will operate on the conductive film of wafer. The transmission is operable to provide at least one reverse speed ratio and a plurality of forward speed ratios between the input member and the output member. The object image is subjected to gradation conversion with the gradation conversion function determined by the determined values of the variables. This can assist in making navigation information more readily available and in some cases, users can use parcels of navigation information while other parcels are being still delivered. Exemplary embodiments may provide scripting language code and execute the code causing examination of at least one annotation associated with a referenced collection of code.

1459827544-dfd49290-637b-4d15-95c8-029127cdc9e1

The present invention is a unique combination and physical packaging of low power COTS electronics, real-time operating system, and custom firmware that relays data, messages, and GPS position through the Iridium Short Burst Data satellite system. The technique provides for the initiation of a collaborative session by an application server. The thrust generators are opposingly mounted to the housing and face opposite directions both when the housing is in the retracted position and when the housing is in the extended position. The die is attached to a substrate via the nanostructure bump. A compound represented by the formula :wherein each symbol is as described in the description, or a salt thereof. The rib includes an interruption providing a gap in the rib defining a forward rib portion and an aft rib portion.

1459827545-0c81d734-a95b-4fd7-a54c-ecfdc53b13b8

A system and method are provided for adaptive synchronization of timing information provided in communications messages transmitted between independently clocked communication nodes of a wireless communications network. The solid catalytic system comprises titanium or vanadium compound, a compound of magnesium containing at least one halogen, a particulate porous support, and optionally an internal electron donor. Preferably, the storage system includes a tracking system that detects, monitors, and displays to a worker the location of the storage carrier containing a particular customer's prescription order, thereby providing easy retrieval of the customer's prescription order.

1459827545-41fc9e11-910e-4a5d-8641-8943ff3cc68c

Disclosed is an optical frequency controlling device for ultra-dense wavelength-division-multiplexed optical channels in which center frequencies of optical channels are aligned. According to an embodiment of the invention, a conductive film is formed on a conductive plug connected to an active region of a semiconductor substrate, and on an interlayer dielectric film formed around the conductive plug. The terminal request is forwarded to the TGW through a tunnel from a tunnel endpoint located below the TGW. A 3D image generator generates a 3D panoramic image, when the three-dimensional panoramic image is viewed in a specified line of sight. A compound having the following structure is disclosed.

1459827545-7ef2d47f-0382-4c04-9bf8-247ae4b1e437

A support structure for a pedal of a vehicle pivotably supports a pedal assembly to a pedal bracket mounted on a vehicle dash panel. The signal generator includes at least one delay cell with a delay that approximately corresponds to a phase shift  $\frac{\pi}{2}$  rad for a given signal. The method includes immersing each drop in a gelling solution containing a reagent capable of reacting with the polyelectrolyte of the film so as to form the gelled casing.

1459827545-99f9376e-6487-4572-8345-9c90ea08f8e9

In the reception of digital information transmitted on a communication channel, a characteristic exhibited by the communication channel during transmission of the digital information is estimated based on a communication signal that represents the digital information and has been received via the communication channel. The device has a diving collar disposed around an upper region of the lure body, rather than a lower region, which is common in conventional lure devices. A dot pattern having dots on a transparent test chart sheet, facing the film, is photographed by image pickup upon reflection of the dot pattern on the film positioned on the inspecting surface. The first and second resonant cavities are separated by a sub-wavelength grating layer configured with a non-periodic sub-wavelength grating. The plurality of lateral edges of each syringe flange is coupled to the lateral edge of adjacent syringe flanges in a breakaway configuration to facilitate separation of each of the plurality of syringe assemblies from the panel.

1459827546-00880bcb-3075-40ef-a52d-9793db635d86

A chemical composition including a moiety comprising a quencher, a tethering element, and a ligand that associates with and quenches a fluorescent polymer is disclosed. The improved system may also include a magnetic circuit having second pole pieces located between the first pole pieces and the target that controls the flux directed from the first pole pieces to the target. At the same time, the present invention provides for simple assembly and component replacement. The second fundamental matrix calculating unit calculates a second fundamental matrix by multiplying an  $M \times 7M$  matrix, which has diagonal components corresponding to an  $8 \times 78$  DCT transform matrix and the remaining components corresponding to an  $8 \times 78$  matrix with all elements being zero, and a transpose matrix of an  $M \times 7M$  forward DWT transform matrix. The connection guard further includes ventilation for moisture and heat dissipation. Accordingly, a Sitemap can be created without having to manually re-enter data from the data source into the Sitemap.

1459827546-65dd1529-0cf0-42de-a96e-dae7f2d72727

A heat exchanger block including at least two heat exchangers each including a pair of longitudinal headers with tubes extending between the headers, at least some of which are aluminum cast parts. In some embodiments a Gray-like labeled QAM cross-constellation is used in wireless communication systems. The header base includes a header contact opening. In this state, a casing of the air cleaner has an opening portion to permit insertion and extraction of a filter element. This extension permits a practitioner to clip away obstructed portions of the second capillary. In particular, the disclosure teaches a method for creating representations of signals input from a slow clock domain into a fast clock domain and vice versa.

1459827546-8b463b1b-8073-4f1d-b318-dca1493ecadb

An abdominal exercise machine for providing crunch-type exercises for upper and lower abdominal muscles comprises a support frame assembly and a back support member. The amplifier chain has at least first and second amplifier stages connected in series. A portion of the fresh air induced into air pathway in the superintegrated heat exchanger is preheated by coolant pipe coil and hot surface of the three way catalyst and then is finally heated by exhaust gas through a heat exchanger unit.

1459827546-90440933-2c29-4ec7-81e0-9c855cf74759

An angular rate sensor includes a piezoelectric vibration device; and a detection section, wherein the piezoelectric vibration device includes a vibration section having a first support section, four cantilever sections supported by the first support section, and a second support section that supports the first support section. , flowing a coating gas comprising aluminum trichloride and a carrier gas through the coating retort at a flow rate of the coating gas of about 100 to about 450 standard cubic feet per hour, providing a concentration of aluminum trichloride in the retort of less than 1. A precompensation value is assigned which correlates to the count of non-transition data bits preceding the data transition to be written. The force causes the cells to cut into the end of the prepared bone. Also, methods for the preparation of such compounds, pharmaceutical compositions comprising such compounds, and methods for their uses. In this embodiment, the second gap region is wider than the first gap region to reduce binding as the door moves onto the non-vertical track segment.

1459827546-e53178fd-88fe-44c5-a669-ac117e380765

A power window system for a motor vehicle operated by a linear electric motor. Transfer of display data corresponding to an updated user interface can occur via a memory shared between an agent server and an agent client in a terminal server environment. The output is based upon frequency, i. The hydrogenated disaccharides make it possible to obtain an excellent compromise between retardation, plasticity and the mechanical properties of the mineral binder.

1459827547-260804d5-a57d-404f-b6bd-4307b824ea3b

A digital rights management method is negotiated prior to initiating delivery of a DRM encoded content item over a digital network between a client and a target server. In particular embodiments, the method can allow for tunneling to multiple data centers on devices with limited, e. The engine operates lean of stoichiometry and nitrides of oxygen in the exhaust gas feedstream are reduced on the second aftertreatment device. The dinodex may then be read to retrieve the extended attributes stored either inside or outside the dinodex. In the linear guide, the under seal has an elastic lip portion, in a portion of the under seal coming in contact with the slider main body, which has a length approximately equal to an axial length of the slider main body and elastically comes in contact with the slider main body.

1459827547-3114bc42-ee27-48f2-b7f1-565e7bc16471

A disk device having a readwrite processing device to improve the efficiency of operations between write commands that have overlapping data, and to prevent delays in execution processing of starting commands. Changes in the resonance can be brought about, permanently or temporarily, by changing the size of the micro-resonator with precision, by changing the local physical structure of the device or by changing the effective and group indices of refraction of the mode in the micro-resonator. The patient records are then analyzed by correlating selected patient data contained in the patient records with disease indicia for each of a plurality of diseases. The first RGB switch outputs fifth RGB signals. The ear piece has a fixed portion and a release portion respectively formed at an end side thereof for fixing and releasing the heat-dissipating body.

1459827547-51c549a1-744c-4142-a2a6-ddf81822282c

A process to produce ethylene polymers is provided. The tracking system may also indicate the location of prerecorded obstacles along the desired snow plowing path. The device signals to the user if the user's execution of exercise repetitions falls outside the user's pre-set requirements for speed and range of motion. The method also includes steps of etching the target material layer using the patterned hardmask feature as a mask feature, wherein one of the gases chemically alters the patterned hardmask feature and at least one of the gases chemically repairs the patterned hardmask feature so that the patterned hardmask feature retains its



dimensions during the etching. The actuating end includes a ridge portion.

1459827547-6fe4a3a1-568d-4da2-a89d-a873d6c55b9e

A flash memory device is programmed by loading first data into a page buffer of a first mat. To that end, a compiler defers emitting write barriers until it reaches a subsequent instruction in the mutator code. Restriction membranes separate buffer flow from the first flow path and the second flow path. This circuitry includes a plurality of conductive features defined in one or more levels of the cell.

1459827548-5b030f0a-554b-4f1a-afd0-fafe0a929dca

Methods, systems, and apparatus, including computer program products, for managing resources in virtualization systems, including multi-cloud systems. The grooves are longitudinally formed on the internal sidewall of the tubular member. Such feedback information increases the likelihood that the laser impinges samples and provides useful data. The refresh controller keeps the memory device in the self-refresh mode until the data processing system re-enables external refresh signals.

1459827548-862ed695-d27c-469d-a1a6-1dffb019038

A method, apparatus, and system for compensating for lamp lumen depreciation. The loading device includes a plurality of funnel elements, through which the tubes can be loaded with bulk material, whereby the funnel elements are adapted to the reactor so that a substantially closed surface can be created with a plurality of funnel elements arranged side by side when the filling tubes extend into the tubes of the reactor through the filling openings. Channel conditions are sampled to model the performance characteristic curves. The aim of the invention is therefore to create pumps or fluid motors which are characterized by high degrees of efficiency and long service lives.

1459827548-e1663766-93a7-4099-b7fa-79c097d833e0

There is disclosed a method of fabricating electrodes of plasma display panel using photo-peeling method, which can make the electrode highly precise in correspondence to high resolution. In one arrangement, a household classifier is generated and delivered to user equipment devices. This allows the memory-type liquid crystal display device to reduce power consumption while keeping its display quality. An edge movement module minimizes the geometric cost function thereby forming a minimized geometric cost function. A steel plate is fixed to a predetermined position at one side within the main body of the case.

1459827549-6eede49f-8632-474d-86b8-a76597938ba5

A system and method for portable instrumentation is proposed, comprising a server computer and a portable instrument that is wirelessly connectable to the server computer. Optical switches are provided for selectively coupling inputs/outputs of different branches to enable a routing of optical signals through the unit. Various means are disclosed to provide for a radial distribution of the produced light wherein the produced light properly strikes the collimating reflector for concentration into the beam of light. One or several characteristic variables of the force-time curves are determined for each scanning point from the real-time evaluation results and the stored digitized force-time curves and an image of the sample surface is obtained from said characteristic variables of the scanning points. The method comprises determining the effect of a candidate compound on the binding of a probe compound which binds to a first binding site on the biological substrate in the presence of a first multibinding compound which binds to the first and second binding sites on the biological substrate.

1459827549-74981812-7e3f-4c3d-9a4b-4ac2da787ed5

A method for calibrating a high frequency measuring device so as to accurately measure plasma processing parameters within a chamber. The fixture is adjustable in three axes and configurable to accommodate intake manifolds from various manufacturers. Information is transferred between mobile communication devices by

organizing the information as a script. The carried data may include an embedded code relating to data particular to that individual strip.

1459827549-96eb8d13-2183-462f-8afd-cfddee7ba0e5

A girth adjustable waist belt that easily converts to a diver's buoyancy compensator with/without integrated weight system and can also easily convert to a utility backpack and belt in which one single size will fit the general population is provided. When a request to use the content is received by a client agent controlling the use of the content, the conditions of use are checked. The freezing process then moves the AGC into a FROZEN state from the TRANSITION state, based on net change of VGA gain control codes over the monitoring time window. Also disclosed is a method for obtaining a transparent zinc oxide thin film, which is not doped or doped with a group 3B element, using the composition.

1459827549-9a6edacb-e58a-4b4a-92c2-c08990204833

Identification information is extracted from a current broadcast of a piece or music or other type of information of interest to a user, and stored in a memory or other storage device, in response to a user command. Immobilized fire fighters or others may be placed in a supine position atop the platform, their air packs entering into the contoured aperture; so that they may utilize the air supply while being evacuated. At least one switch performs a switching operation for turning on/off the peaking amplifier according to the control signal. Alternatively, the carbonaceous material has a peak in a wavelength range above 1,360 cm<sup>-1</sup> in a surface-enhanced Raman spectrum which is measured by the same surface-enhanced Raman spectrum. The floor plan of a building is determined by moving the array around the outside of the building. The media content may be received in response to the single request and the media content may be stored in a memory medium.

1459827550-6fa864cd-375f-458f-a37f-c84a8d9738fd

A system and method for automatic bone extraction from a medical image is provided. In order to increase the number of client devices that can share a public address via network address translation, the client device may be assigned a public address when the client device's expected port utilization is at or above a port utilization threshold. The conductive layer is arranged on the bonding pads of the chip as contact points. The apparatus is especially useful for surgery of tissue within a capsule, such as cataract surgery. A delay line is further included to delay the sampled incoming data and the recovered quarter clock by the detected phase difference.

1459827550-80eebf80-3ce6-4c13-9094-a5881960f719

A cap-like head backing cover includes a plurality of types of cover components. The method may be used to screen either a chemical library in order to identify a molecule having a gene-specific lethal property in the cells, or to screen a group of DNA molecules in order to identify among them one or more modulators of gene function which are synergistically lethal to the cells together with an incapacitated gene of interest. In a second configuration, the switching circuit may couple the first transceiver to the second transceiver via the second processing path. The channel is configured for receiving a removable coupling member of a flashlight. In an alternate embodiment of the invention, one or more RSJs can be used in place of the RSJ and the biasing resistor. The spray shield may be trimmed to size by the user and may be easily replaced by removing it from the adaptor.

1459827551-bdf2bf4a-9315-440f-bb04-ed890808aae

A communication device is provided which transmits and responds to differential currents. In accordance with this method, substantially no gas contained in the heat insulator is diffused at the time of cutting the heat-insulating housing, and the gas can be collected at a high concentration because it is collected by being allowed to leak out at the time of compressing. The backlight module includes a

metal frame. The IM server receives the user's selection of a graphical element that represents a remote IM instance of the multiple IM instances. In order to obtain rapid response of an actuated auxiliary pressure medium consumer it is proposed that the amplifier device consists of a proportionally controllable pressure reducing valve.

1459827551-be67f100-f6a8-4fa3-8110-bd78a5be1f57

An image with a wide visual field can be captured without causing deterioration in measurement accuracy. The knife carriers are arranged along a comminution path of the comminuting unit and have a leading longitudinal edge. The torque-transmitting mechanisms being selectively engageable in combinations of four to establish at least seven forward speed ratios and one reverse speed ratio within the planetary gearset.

1459827551-d381afe2-d0f1-4803-a9d5-828deb5f7bd2

Excellent exposure performance is achieved by disposing a shade system in the vicinity of a mask. The element comprises an imageable layer over a support. The memory device has a data latch for storing flag data and a cache latch coupled to the data latch.

1459827551-df7ad490-ea21-4581-8641-070149483392

An apparatus, method and system are provided for correlated noise reduction, in a trellis decoding environment, such as second generation HDSL, in which crosstalk impairments may be significant. A phase-change material is located between first and second electrodes for applying a read voltage to the phase-change material to read the programmed cell state. A contact region of the substrate is bounded by the trench. The method further includes constructing a token of the input text that includes the current character and the one or more next characters, the attribute of the current character and the one or more attributes of the one or more next characters intersecting with each other. The present invention also discloses a diagnostic kit for immunological recurrent spontaneous abortion, and method and kits for monitoring the therapeutic effect for immunological recurrent spontaneous abortion.

1459827551-e6e9d469-6a05-4200-be49-9ecd2c035994

This application describes designs, implementations, and techniques for controlling propagation mode or modes of light in a common optical path, which may include one or more waveguides, to sense a sample. The agricultural implement also includes a carrier frame pivotally coupled to the hitch assembly by a main pivot joint such that the main pivot joint resists substantially all lateral loads between the carrier frame and the hitch assembly. The arrangement has a detector at the shell for detecting ambient temperature or shell temperature. The packer collar embodiment includes a hydraulically actuatable packer 70. Also disclosed are intermediates thereof, and methods of making and methods of using same. Because the changes in impedance associated with the electrode-tissue interface can indicate obstruction of current flow and positional lead displacement, lead impedance can indicate the quantity of electrical stimulation energy that should be delivered to the target neural tissue to provide corrective adjustment.

1459827552-16a9e7eb-9b72-4bd4-bfb4-fd0ba4d4d378

An advanced process control method for semiconductor fabrication is provided. The MOSFET comprises an insulating substrate; and an oxide protection layer on the insulating substrate. An amount of electromagnetic radiation is applied to the target area, and a response to the electromagnetic radiation by at least some of the cancer cells in the target area is measured. The power-on reset circuit releases the reset after the expiration of a power-on reset period. A method of stroke amplification is further included.

1459827552-3bfc8dba-ac8d-4fb3-b474-c0ff0acab050

The present invention relates to anthraquinone derivatives which act as a fluorophore, to a process for producing said anthraquinone derivatives and their use as fluorophores for staining membranes in live or fixed cells. The area has a portion which is formed by removing a substance, contained in the at least one of the lower electrode layer and the upper electrode layer during formation thereof, after the at least one of the lower electrode layer and the upper electrode layer has been formed. A shaft extends through the fluid pump and the vacuum pump. In yet another position, the stop acts as a workpiece guide, especially useful for supporting crown molding during cutting.

1459827552-5da19453-1284-47c5-9fc0-f7e852156ae1

A method for forming quarter-pitch patterns is described. The device provides output in the form of a default output and variants. The translation lookaside buffer may be a MIPS-like TLB in which multiple page table entries are cached in each TLB entry. An apparatus for administering the test method described is also provided. The antenna has a full range, preferably by default, in the handheld mode, and the controller is operative, preferably automatically, for decreasing the full range to a restricted range in the hands-free mode.

1459827552-a6a6c00f-18d8-45c8-ac93-cdec96fa6b92

A voltage variable material including an insulative binder that is formulated to intrinsically adhere to conductive and non-conductive surfaces is provided. The outlets are without valves for opening and closing, and the flow of the air through the outlets is controlled by control means associated to each outlet that exploit the Coanda effect. The controller 12 has: a preliminary recording unit 13; a judgment unit 14; an extraction unit 15; a drive condition determining unit 16; and a preliminary recording terminating unit 17. The diastereomeric salt of optically active 4-amino-2-methylbutane-1-ol with an optically active reagent for optical resolution is decomposed by bringing into contact with a solvent and an alkali and subjected to solid-liquid separation, thereby recovering the optically active 4-amino-2-methylbutane-1-ol from the filtrate. When the unauthorized stop process detecting unit determines that the CPU has provided an instruction to perform an unauthorized process of causing a selected clock generating source to stop the generation of the selected clock signal, it can furnish an interruption signal to the CPU.

1459827552-ce4b1323-f340-4ff3-82d7-2295ed2d289d

A characteristic image detection interpolation unit performs interpolation processing for increasing the luminance value in low-luminance area which is partly present in an input image. The method includes gathering patient-specific data related to concentration of a contrast agent within an arterial network using a coronary computed tomography angiography scan. When the plug connector is mated with the receptacle connector, the contact portions of the first terminal are clipped between the contact arms of the corresponding second terminal to electrically contact the corresponding contact arms tightly such that ensures the first terminal and the corresponding second terminal electrically connected with each other steadily.

1459827552-dff7f5e3-3d23-4ba9-b105-976fc23e0d8a

A compound oxide powder producing method for producing compound oxide powder made of at least two kinds of metals. The chemically excited liberated carbon atoms are then enabled to traverse a surface of the reactant liquid and are directed across a collection surface. Based on the meta information, content of the documentation archive for update is integrated into the documentation application at runtime of the documentation application.

1459827553-6bb8a986-6773-4395-9f96-68dbe3cca7ab

In a receiver for receiving digital television signals with carriers near the upper frequency boundaries of TV broadcasting channels, co-channel interfering NTSC video

carrier and its lower frequency sidebands are removed from intermediate-frequency signal by trap filtering, preferably in SAW filtering used in the intermediate-frequency amplifier. The encryption device is operable in response to signaling from the file server to cause encryption of data being moved into the physical storage, and decryption of data being retrieved from storage. By so doing the test path for boundary scan testing is segregated from the operational signal path which is used when the device is performing its normal function. The request and the response are transferred between the first radio access network node and the second radio access network node in information containers that are transparent to the core network. The assembly of the device can then be completed.

1459827553-72f5e331-6f06-4b66-86c7-0b3866ab840b

The present invention provides microparticles that create permanent tissue markings, such as tattoos, designed in advance for change and/or removal on demand, as well as methods for implanting the microparticles in tissue and changing and/or removing the resulting markings. Methods of preparing these foams are also provided. The supported member defines two holes that will engage the engagement portion of the supporting member to securely retain the supporting member in desired position and support the supported member.

1459827553-bb6a4d54-ccf0-4fb9-a9e8-10e7d83529bc

A readout system for receiving return signals originating from one or more energy pulses fired toward a scene. The time slots are defined in accordance with a time base responsive to broadcast time signals. For each n-gram accepted by the finite state transducer, a frequency counter associated with the n-gram of the one or more text-characterizations in the set of text-characterizations is incremented.

1459827553-d27d0b52-4b42-4830-98a3-8e112e81a6f7

The invention relates to a blade for use on a wind turbine and a method of assembling laminated profiles for a blade for a wind turbine. A detection unit detects a required driving force of a driver. The portions of the intermediate SiGex layer outside the window are etched and the portion of the intermediate SiGex layer exposed through the window having ions implanted therein is not substantially etched to form a patterned intermediate SiGex layer.

1459827554-22d199af-6f45-4173-bcb2-d33c61cfb16a

A storage system comprises a plurality of vdisks, with each vdisk containing a plurality of storage segments, and each segment providing a specific class of service. The electronic module includes an outer wall defining a lateral housing for the assembly head of the inflation valve, delimited by a metal plate made in one piece with the electronic module, for pressing of the locking face of the assembly head, and furnished with a notch for the body of the inflation valve to pass through. The system integrates a reporting module, and also an economic module to evaluate cost versus benefit of each subsurface operation. A second terminal of the first electrical switch is grounded.

1459827554-3a229570-c60b-4951-8aba-026ad853b724

A moisturizing, personal cleansing composition with a limited number of naturally-derived, naturally processed, generally regarded as safe, biodegradable ingredients comprising a plurality of oleosomes, an anionic surfactant, a non-ionic surfactant, a lipoaminoacidic surfactant, and a humectant. A through hole is made through piezoresistive layer; a light source is arranged under the bottom of the light emitting key. This anonymizes the set of households that are selected to play an ad, by ensuring that when an STB meets defined criteria and sends a "criteria met" message or "ad shown" message to a head end, an STB or household identifier is not revealed, thus anonymizing the household information from the head end.

1459827554-ca147159-7e8f-49bb-aa19-6f023f1342d6

A method and an apparatus provide a service of multimedia data in a mobile terminal. The motor driving system outputs a driving signal containing a voltage value, a current value and a frequency value for driving a motor. The instructions are installable by the customer, and are capable of enabling dormant computer hardware resources upon installation. , guided via the SCR catalyst in a constant direction of flow and subsequently fed back to the remaining section of the regenerator. It has been discovered that this b value is substantially directly proportional to the log exposure of the pixel.

1459827554-d2f75d8e-af75-47f0-be8e-e23aba05fd49

A semiconductor memory apparatus includes a memory cell array having a multiplicity of data lines and a multiplicity of local amplifiers, each of the local amplifiers being associated with a data line. In this method, values of at least one kinematic measurement parameter of at least one thread section are measured and, based on the measured values, approximation values of the tensile force which acts on at least one thread section are calculated by means of a computation model. In addition, the processor optionally receives a predicate vector that includes N elements.

1459827555-02dd8a8f-8171-4cde-8cdf-7262f892d28e

A multi-pass type color image forming apparatus. Both a semiconductor device and method of manufacturing a semiconductor device using an amorphous silicon layer are provided. A selective edge phase mixing unit for the memory device may operate to receive the clock signal and control signals. This invention provides a process for making a pharmaceutical composition comprising combining a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The first and second steps are fluidly connected to the second orifice and substantially fluidly disconnected from the first orifice when the second valve member is in the closed position, and the first and second steps are fluidly connected to the first and second orifices when the second valve member is in the open position.

1459827555-35fc45d8-0437-4b5e-93cd-4136c50ffcc8

Disclosed is a plasticizer composition which comprises an ester-based plasticizer and an ether compound and exhibits improved workability and heat loss in proportion to content of the ether compound. Based upon receipt at the interactive voice response system of the communication, visual data to provide to the remote requesting party as part of an integrated interactive script is determined. P-ASIC preamplifier circuits are complex low-noise integrated circuits which dissipate a considerable amount of power. The frequency of the wellbore signal may be changed downhole. The first electrical harness is fire-resistant for a period of five minutes without any exposure of its conductive tracks so that the conductive tracks can carry their signals.

1459827555-d6eb028e-6e00-41b5-bd20-b40a88721942

A method and apparatus are disclosed for detecting data, such as a sample sequence read from a recording channel. A system includes a source for providing scan-in sequences of state data as input stimuli into a device under test and expected scan-out sequences of state data. These features allow the radar tracking of moving objects to be more fast and accurate. The obfuscation of a software image so as to becloud the comprehension of hackers in reverse engineering pieces of software comprising the software image is provided.

1459827555-f7a69a89-4ba7-4a1a-af75-305b3412e5fb

A collapsible and portable rocking chair includes left and right frame side assemblies collectively defining forward and rear leg portions, armrests, and back support members. The special vacuum loader and industrial dust collector has a solids-gas separation compartment comprising a tangential cyclone separator, preferably a perforated plate tangential separator, which is positioned generally alongside and laterally offset from one or more filtering compartments to minimize

turbulence and re-entrainment of the collected particulate material. The disclosure also discloses a mobile terminal. The pulsed counterforce controller calculates a time rate of change of a dynamic load value of the load object, and outputs a counterforce command signal indicating a counterforce command value for generating pulsed counterforce. Responsibility for considering interdependencies can be delegated to a video driver, such as a video miniport. The sealing joint is formed by the extension of the soundproof lining itself, extending towards the peripheral edges delimiting the opening of the partition and by such value as to enable an integral peripheral contact with a peripheral zone of the fitting to be installed.

1459827556-7c98c0b7-18df-4630-a451-af20f337eb62

A method and an apparatus for improving the gray-scale linearity of a plasma display. The new early ripening, very fertile grapevine variety is particularly characterized by an attractive berry color, a very uniform bunch and a firm berry with tender crunchy skin. An inflatable member is coupled to the elongated member and positioned in an interior of the basket assembly. The separations system is operable to separately selectively separate water and mixed butenes from the crude product such that a refined mixed butanols is produced. Once the mapping has been determined, it is stored and used by the database system to determine how to store subsequently received XML documents that conform to the registered XML schema. The modular cell design allows for horizontal and vertical scaling.

1459827556-7fd21153-2ed1-413b-b453-c4c292b7961e

A new and distinct cultivar of Nemesia plant named \u2018Pensky\u2019 that is characterized by a compact habit, dense upright spikes of blue-purple flowers and oval shaped green leaves. The ingot is then hot worked to form a billet having a smaller average grain size and a larger diameter than possible in the past. An axially moveable actuator, such as a packer cup, engages the sealing ring assembly to causes at least a portion of the sealing rings to expand radially outwardly to seal the annular space and cause the sealing ring assembly to contact the uphole stop. The trench extends beyond the intended ABS plane and in the opposite direction into the intended yoke area. The multicast policy identifies common services to be applied pre-replication, and exceptions specifying additional services to be applied post-replication to copies of the multicast packets for the one or more zones.

1459827556-ae821483-f9a8-4747-a2b8-672653282667

An overvoltage protection circuit is for a circuit of an output MOS transistor and a load connected in series between a first power supply and a second power supply. The trench may be used in combination with doped sidewall isolation regions. A termination mirror having a reflection face is so buried in the clad layer as to reflect the optical signal guided in the core layer, to the outside of the optical connection board. One common type of relays can be used to all three of these parts. A wire is connected to the bottom end of the spring and a copper pin terminates the remaining free end of the wire, enabling the insertion of the copper pin into the flat cable of a circuit tester. The Miniature Vein Enhancer of the present invention may also be attached to a magnifying glass, a flat panel display, and the like.

1459827556-e22ca978-14e1-469f-80ec-3ed30913d370

A secure database appliance leverages database security in a consistent framework provides consistent, flexible, and adaptable security using mandatory access controls in addition to user and role based security for access control and accountability. The protection system allows the user device to postpone validation of purchased tags stored in a tag table for installed software and to re-establish ownership of a tag table to recover from invalidation of a tag table identifier value resulting from revelation of a tag table identifier value. 4 millimeter, in which the external layer has a uniform thickness with a uniformity criterion C, which is less than 0. In one aspect of this embodiment, at least a portion of the

one-piece plastic shell can include an inner skin offset from an outer skin in a double-wall configuration.

1459827557-6580cfff1-20f9-4348-976e-0d2402c2f925

This invention relates to apparatus and a method for connecting a pin array and a circuit board. A sheet metal conducting member has a flat base portion that lies in the casing under said operating member, and has four upstanding plates that extend from bends at the periphery of the base portion. Each two wings received in the same receiving groove block one rear edge of the terminals. The binders described herein comprise a humic substance, preferably leonardite, combined with a polymerizable isocyanate, a polymerizable polyol, and a polymerization catalyst to make a polyurethane resin binder in situ in a foundry aggregate, such as sand.

1459827557-8dbeeb6d-5dd5-4280-a815-db301d4e10e0

A semiconductor device of the invention comprises a semiconductor element provided within a housing, a bonding wire, a sealing resin member covering the semiconductor element and bonding wire, and a sheet member. The system includes a first constraining wall and a second constraining wall. Predetermined fractions of total drawn-in air passes through the respective different filter units and thus are subjected to corresponding cleaning by the different filter units being adjusted to each other with respect to pressure drop. Other methods of recharging an electric vehicle are also provided.

1459827557-db0ac9e8-64ee-4530-b5e5-2d01d8e4733f

A motion control device 10 for a vehicle exerts braking force only on the rear wheel at the inner side of the turning direction for generating a yawing moment on the vehicle only in the turning direction of the vehicle when an absolute value of an actual lateral acceleration  $G_y$  is not more than a value  $G_{yth}$ , i. An inner lens of transparent sheet material is formed, which may have a generally pyramidal configuration and presents a plurality of inner sides. The processing element executes a first application to call a second application for permitting the user to enter a plurality of defining terms for the second application to apply the defining terms as search filters for searching and retrieving uniform resource locators for linking to contents relevant to the defining terms entered by the user. In addition, dropped connections during hard handoffs are minimized by using a special code channel and dynamically adjustable data rates to evaluate the proposed new link. Slips and books are managed using identification codes, and knowledge is managed using item data and knowledge table. A set of values is extracted from the three dimensional representation at a value of the first parameter, and a functional is applied along lines, or parts of lines, of the extracted set of values, the lines extending along values of the second or third parameter.

1459827558-282b952d-2131-492d-83c6-d1078086961b

An electronic device includes a housing, a tray, and an ejection mechanism. A data storage system may include a client computer system coupled to a first data storage device and a second data storage device and configured to transmit a first data write request. , a copolymer of styrene and acrylonitrile, B) a graft copolymer, e. A component mounting accuracy is calculated based on the image. It is possible to effectively perform a quasi-phase matching when a width of periodic electrodes is shorter than a coherence length generally used as  $\lambda_{\text{qpm}}$  of a quasi-phase matching period. Also provided are synthetic intermediates useful for implementing the inventive methods.

1459827558-441e52c5-129b-407c-a02b-ffa134ab52fb

A new and distinct cultivar of *Campanula* plant named 'PKMh02' 2019, characterized by having compact plant habit; freely branching plant form; vigorous growth habit and less need for chemical growth retardation; greater number of larger flowers per plant, and large upright pale blue flowers. In one embodiment, a



method in a data system is provided. The rucksack further includes a VELCRO releasable fastener having a pile piece and a hook piece constituting a fixed part which is provided at an upper portion of the back wall to have a predetermined area, while also constituting a movable part which is detachably fastened to the fixed part. An initial angle is set at zero and a x-minimum, y-minimum, x-maximum, and y-maximum of the polygon are determined.

1459827558-6f21052b-0a2f-4072-9d86-f2eae356d929

A fluid flow indication apparatus is provided for monitoring and giving an indication of fluid flow. Information may be written to the storage media as sequential data sets with each data set including a catalog describing the information in the data set. When the number of times is equal to or more than a certain rate from the number of optical black pixels on the horizontal line, an optical black float state is determined and clamping operation is performed in accordance with a held value immediately before.

1459827558-b49860f1-620d-4b11-a110-a00fd60910a9

A server in a telecommunications network connects to subscriber equipment of at least one type and to caller equipment of several different types via a communications medium. Furthermore, the invention of such an actuator relates to the use of such an actuator for the headlamp leveling of a headlamp. A cleaning sheet is selectively attached to the support plate for collecting dust and dirt to be cleaned.

1459827559-27ed3cdf-52ae-4738-966f-533d0b59f867

An apparatus for manufacturing high quality glass wool fibers, and more particularly to a spinner including a radiation shield is disclosed. The operational status of the pump is monitored by monitoring the condition of a switch associated with the pump which is adapted to change state when the pump piston is withdrawn into its pump housing as a proper reaction of the pump to its drive signal and return to its original state when the pump piston is no longer withdrawn. The chamber is configured to extend substantially in a second direction. The resin layer covers at least part of the film. 7 mPa, and two or more turbulence channels radiating to a nozzle opening, said channels causing a flowing liquid to rotate relative to a flow axis. In a mesh network that includes a wired border node and multiple wireless nodes, each wireless node advertises a backhaul throughput approximating the throughput between that wireless node and the wired border node.

1459827559-5185fb0e-1e18-4cea-9048-a18cc43ccf09

The family of transmissions has a plurality of members that can be utilized in powertrains to provide at least eight forward speed ratios and one reverse speed ratio. These proteins can be produced in various functional forms from spontaneously secreting cells or from DNA segments introduced into cells. The portable digital cellular devices include a liquid crystal display window which allows a user to select a desired song to be heard or game to be played. Consequently the critical thickness of strained silicon that can be grown without significant misfit dislocations during later processing is effectively doubled for a given germanium content of the silicon germanium layers. In another aspect of the invention, the sleeve is provided and disposed to cover the enlarged inner diameter portion. The guide pin translates relative to the guide member as the lock ring rotates between the first and second positions.

1459827560-671a69a7-fd32-407c-af85-75f8b29cf2d3

Continuous data protection is performed as two parallel processes: creating an initial backup by copying a data as a file directory from the storage device into the backup storage, and copying the data to be written to the data storage as a part of a file directory into the incremental backup. There is also disclosed a method for making the aerosol and methods for treatment and diagnosis using the aerosol. In addition, it is possible to facilitate the comparison of the tomograms

with one another by installing a plurality of indicating bars in the phantom so that their cross sections can appear on each of the tomograms. The auxiliary switch sub-assembly includes an auxiliary switch including an actuator, and a mount attaching the auxiliary switch to the operating mechanism of the circuit breaker within the housing thereof.

1459827560-681f3a76-0b6c-4258-8462-d45eb876f8e2

A sample analysis apparatus is provided with a structure for stopping rotation of a disc at a precise position. The built-in test signal attenuation circuit includes circuits for generating an attenuated, degraded, chopped signal. Techniques to scale relative electric-field measurements to absolute units, stabilize electric-field phase drift, and calibrate electric-field data that is corrupted when the probe is used in regions where temperature gradients exist are provided.

1459827560-8ce89508-5c2c-4278-b8e7-a634a4d479fe

A system and method of restoring material properties is disclosed. For example, one method comprises capturing a photograph of an observed geographic feature in a geographic region. The robot controller is in communication with the camera controller and the robot controller causes the robotic arm to position the camera at a first inspection point. Thus determined priority information is output to a scheduling section. The trip lever is held in the latched position by a hardened latch having a minimal surface area, which is positioned near an opening located in the armature.

1459827560-ae407828-e86d-42f8-a38c-e84d84797162

This invention provides a screening method for sterol regulatory element binding protein pathway-specific inhibitors using a mutant cultured cell, as well as therapeutic agents for hyperlipemia, arterial sclerosis, obesity or cancer containing an SREBP pathway-specific inhibitor selected by said screening method. Techniques for bonding one end of a lead line to one end of a multi-strand non-metallic braid are provided. This is facilitated by using one or more interruption controls stored in memory and associated with each guest program. An overall rating is calculated for an option with respect to the dimension as a function of the weights and option ratings.

1459827560-ba423247-d2f1-4b10-a32a-5f91c0a51d81

A multi-functional mortise lock that can be rapidly converted between different functions without opening the mortise lock case by installing blocking screws that extend through threaded blocking openings in a sidewall of the case and into blocking interference with moving components inside the case. The relocatable power tap also includes a power supply connected to the plug and configured to convert an AC signal to a DC signal, and a detector connected to the plug and configured to determine the existence of ground and polarity faults. The pivot structure includes a tube extension and a pivot rod. Data recognition for the first storage type system information is stricter than that of the second storage type information. In some embodiments, the gesture exchange device may be configured to establish a wireless communication connection with a second gesture exchange device for exchange of user data, such as in response to detecting user performance of the gesture exchange signature and/or determining that the second gesture exchange device is within a predetermined proximity. The evaluating unit is constructed for calculating the data received by the sensor unit and for transmitting a control signal to the at least one drive unit, and the at least one drive unit is constructed for driving means set up for adjusting at least one physical characteristic of the microscope.

1459827561-41120b58-b62f-4f20-af39-e81629489657

The invention is a method for direct updating, by dynamic production data, of a fine geologic model representative of the distribution, in a reservoir, of a physical quantity characteristic of the subsoil structure. When the switch

selecting device outputs a first signal, the first switching device set can deliver the gamma voltage input signals to the resistor string; when the switch selecting device outputs a second signal, the second switching device set will deliver the high voltage input signal and the low voltage input signal to the resistor string. The sleeve includes a plurality of inwardly directed protuberances providing a gap between a substantial portion of the cup sidewall and the sleeve.

1459827561-a357b28c-ca5a-4ac7-a0a7-08dd0e75368c

A liquid pharmaceutical composition comprising a biodegradable polymer, polyethylene glycol having a molecular weight of less than 600 Daltons, a pharmaceutically active agent and less than 0. The silicon nitride sintered body has a porosity of 1% or less, a three-point bending strength of 800 to 1000 MPa, and a fracture toughness of 5. The method also includes examining metadata associated with a file on the data storage device to determine an access frequency of the file, and classifying the file as a function of the access frequency. A control receives a first signal indicative of a magnetic field sensed by the first magnetoresponsive sensing element and receives a second signal indicative of a magnetic field sensed by the second magnetoresponsive sensing element.

1459827561-a7d04623-b016-4df6-b25a-de536263a0b8

In one general aspect, various embodiments are directed to an ultrasonic surgical instrument that comprises a transducer configured to produce a standing wave of vibrations along a longitudinal axis having a node and an anti-node at a predetermined frequency. The network is made up of at least one cluster containing voice servers which allow for telephony, speech recognition, text-to-speech and conferencing functions, and is accessible by the subscriber through standard telephone connections or through internet connections. A resulting URL list is searched for digital watermarking. A rotation guide extends radially outwardly from each hinge hole. The controller may display a guidance element on the display at a position overlapped with the section of the road as seen from the perspective of the driver, such that the guidance element indicates whether the road is passable based on the determination of the controller. The energy store and the additional energy store are connected in series, and the DCDC converter is provided for coupling between the base vehicle electrical system and the vehicle power supply system.

1459827561-d5e85203-1b34-4137-898c-f58144e85a0f

A monitoring and protection system is provided which is highly modular and expandable. Intake air may be obtained directly from environmental air at atmospheric pressure allowed by engine cycle operation and an approximately constant diameter retro-tube having a volume approximately equal to a swept volume of the piston movement. In one embodiment, the same erbium doped fiber type and length is used for both power amplifiers and high gain amplifiers, reducing manufacturing costs. Two radio-opaque bands placed close to one another define a narrow radio-translucent band such that when the X-ray head is rotated to a position where parallax is reduced and the radio-translucent band can be imaged, the renal artery can be appropriately imaged without being obscured by the aorta.

1459827561-f9fcdd4e-4eb2-407b-a7a9-11b635739e66

An electronic message is analyzed for malware contained in the message. The PWM-signal generation unit generates the PWM-signal based on a fundamental switching signal having a fundamental switching frequency selected by the fundamental-switching-frequency selection unit. The document clustering system forms clusters of the documents by operation of the clustering system. Good tolerance to common diseases and pests is exhibited. The frame has vertically extending positioning beams or lugs that segment the raised floor into a plurality of load-holding positions. The first core contacts the bulge when the molding apparatus is closed.

1459827562-3c8a3bbe-0f8b-4d46-a643-c2e58be25118

Drug derivatives are provided herein which are suitable for loading into liposomal nanoparticle carriers. The TCU may send multiple PID map requests for different mode and PID combinations over a vehicles communication bus, and then may append each received PID map to the already-received PID maps. The reference electronic manuscript acquisition section acquires a reference electronic manuscript used for identifying a reference position of an edit part in an edit electronic document that is an electronic document to be edited and is read from the storage section. Activation points of times of the sense amplifier enable signal corresponding to the active command signal are multiplexed depending on input/output bandwidth option information. In certain example embodiments, the coating or layer system has good corrosion resistance, good mechanical performance such as scratch resistance, and/or good color stability ) upon heat treatment.

1459827562-f42d388e-161c-43fa-8dc3-b89e78ba5be4

A non-volatile memory and a method of fabricating the same are described. The locking element is inserted through an anatomic vessel or hollow organ wall and the implant from outside of the vessel or hollow organ. The first codeword may be selected to be the minimum first codeword within a set of codeword pairs that preserves the peak luminance required by the input image data.

1459827562-f4894415-dfea-41ce-b277-d3f86d38c0a9

A recording disk cartridge is provided which includes a plurality of flexible recording disk media stacked inside a cartridge case so as to rotate integrally. A muting state is detected at a particular endpoint during the conference session and the multimedia from the particular endpoint is recorded even though it is not forwarded and rendered to the other endpoints during the conference session. An exterior cover panel of opaque material is removably positioned in covering relation to the see-through panel and at least partially separably attached to the bag structure, allowing the cover panel to be displaced from covering relation to enable facilitated viewing of personal affects through the see-through panel for easy selection and removal.

1459827563-33ec7489-5a65-4c9a-b08a-fddc597b99f5

A message analysis device is described including a storage device, display device, and a selection device. The device includes a vertical guide rail mounted to the first wall right angle corner point and to a second wall right angle corner point. The sub-networks may be structured via a hierarchically defined criteria priority, which takes into account the communication required in the operation between the individual control devices within the sub-networks and between the sub-networks, as well as the data quantities to be transmitted to the individual control devices. In another implementation, the present invention provides a packet load shedding mechanism that reduces the consumption of system resources during periods of high network traffic volume. More specifically, embodiments of the invention allow a first computer system to support a first URL scheme by encapsulating its transport information into another URL scheme that is natively supported by the first computer. In such instances, the input valves and the diaphragm valves are commonly controlled via high pressure solenoid valves, while the select valves are selectively controlled and the outlet valves are commonly controlled via low pressure solenoid valves.

1459827563-7fa271d0-400f-4254-8732-7c40ed5cdf7a

Supermolecular structures and devices made from same. The device also includes an apparatus mounted to the base to interrupt current through the conductor when a signal from the current sensor indicates a predetermined condition. The apparatus also includes a read control unit configured to select a steering submatrix from the steering matrix based, at least in part, on packet transmission instructions associated with a packet being processed for transmission. High potential is then applied at the fracture point of the formation to effect fracturing and to enable the fluid to transport proppant into the fracture.

1459827564-a7408795-5e5e-44e4-816d-d0fb99390d6d

Method and system for determining a measure of quality for images by using multi-level decomposition are presented. The activity pattern may be obtained through the user's application at the time of registration, or may be obtained by detecting the locations of the user for a predetermined period, such as for one week, using a GPS or PHS. In one embodiment, the motion detecting component detects motion of the electronic device and generates a signal to the controller indicating the motion.

1459827565-bc34c547-166e-4f3f-afa4-85f8218bc6e4

A policy integrity validating unit validates whether a system model can achieve an objective set up in a policy without violating a constraint set up in the policy when a system model is operated according to a procedure set up in the policy. Each of the plurality of stations has a station-aisle interface that provides an interaction area to the main aisle. The fuel filter is shaped so as to extend outward from a region of the fuel pump as seen from the above, and a filter housing for covering at least one of an upper portion and a lower portion of the fuel filter, front and rear portions of the fuel filter, and right and left portions of the fuel filter is provided with the fuel pump unit. Automatic methods of detecting and tracking moving objects that do not rely on a priori knowledge of the objects are also described. Upon receiving the BGP advertisement, the second CE converts the BGP advertisement and transitive IGP attributes into corresponding IGP advertisements. A second decompression unit compresses input data by a second compression method utilizing a statistical coding method.

1459827565-c4f049da-d2c2-4317-897f-0467773b2e66

A method and apparatus for detecting a change in an internal configuration of a platform. The medical device has a layer overlying the exterior surface of the medical device. The inflator has an igniter that directly ignites the main gas generant in the inflator. The thickness of the low-k CMP protective layer can be adjusted to accommodate larger variations in the CMP process without significantly impacting the effective dielectric constant of the structure. The signal generator is designed for the emission of at least two signal beams covering in given relationship to each other an area and the signal receiver is designed for the time-resolved reception of the signal beams in such a manner that the generator-receiver distance can be determined from the time signature of the signal beam reception.

1459827566-8d890a47-4f45-4681-ae91-c02b0c42d49c

An electrolytic sanitizer is disclosed for use in a dishwasher holding a salt solution, the dishwasher having a water rinse cycle. The system includes a secure data entry device connected to the public data network and a gateway device connected to the public data network and to a private data network used for transmitting messages between financial institutions. The transistor MP functions as a path transistor that connects a signal line INL to a signal line OUTL. The rotor has blades that are capable of imparting a varying obstruction to the flow of drilling fluid through the stator passages depending on the circumferential orientation of the rotor, so that rotation of the rotor by a motor generates the encoded pressure pulses. Only one occurrence of any source file in the enumeration of data files will be recorded to the destination optical media, and a data tree of files on the destination optical media includes multiple pointers to the same data file. Each inode of the set of inodes refer to the duplicate file system block.

1459827566-a38724b8-2f1e-40ff-b881-a9fe765d81f6

State of test points on an integrated circuit are encapsulated in a telemetry frame that is wirelessly conveyed to a test system. Then, a conductive polymer layer as a solid electrolyte is formed thereon and thereafter a first metal plating layer is directly formed on the conductive polymer layer, thereby forming a cathode portion. Then, the software is activated, the components ordered to save configuration data

and transaction data in a database, whereupon the components are stopped. The alarm device may be mounted onto a vehicle for preventing the vehicle theft.

1459827567-f746272a-55a1-4b46-8493-48ec25cc0fe8

An electrical contact includes an upper extending portion, a lower extending portion and a bridge portion. Joining of tungsten heavy alloys which are alloys typically made from W<sub>2014</sub>Ni<sub>2014</sub>Fe is used. The modified arthropod may be characterized as having a shortened life-span, a reduced ability to transmit disease, a reduced susceptibility to a pathogen, a reduced fecundity, and/or a reduced ability to feed from a host, when compared to a corresponding wild-type arthropod.

1459827568-3d083d36-6006-4e99-92f1-af316053a61d

An elongated strap member that is coiled in a box and is bent lengthwise as it is drawn out of the box, providing an economical, light, compact means of connecting multiple structural members without sagging or other disadvantageous deformations between the structural members. The microstructure rows are arranged on the light output surface, and the extending direction thereof is parallel to the extending direction of the first side. The expected value is a weighted average of all the measurements for a variable, in which the weight assigned to the measurement from each sensor is determined according to both its reliability and accuracy. A segment of the imaginary straight line is delimited by the first point and the second point.

1459827568-3e94f03c-b5ad-48e7-8561-bb679db2d54b

A modular sprinkler controller is disclosed. The display comprises a plurality of electrophoretic cells filled with charged particles dispersed in a dielectric solvent. Addition of the mobility-modifying phosphoramidite reagents of the present invention to oligonucleobase polymers results in unexpectedly large effects the mobility of those modified oligonucleobase polymers, especially upon capillary electrophoresis in non-sieving media. This rough topography structure may be used to align integrated circuits and wafers. The radix-4 butterfly unit of the invention uses the symmetric relation to reduce an amount of branch computation required for each radix-4 butterfly unit to a half. The queries are modified by grouping terms as phrases, correcting spelling errors, and augmenting the query with category terms that trigger query execution on certain data sources.

1459827568-a4fdd9ef-fa81-4657-8e5e-c35f082659d7

There is provided a surface treated product that moves relatively in a fluid, wherein a surface of the surface treated product has continuous dimples, each dimple having a diameter of 10 to 2500  $\mu\text{m}$  and a depth of 50  $\mu\text{m}$  or less. A gate dielectric 15 is provided on the semiconductor layer 12, and a gate electrode 14 is provided to extend from the top of the gate dielectric 15 to the top of the STI 13. The information handling system also includes a processing system coupled to the memory controller. A respective end cap is arranged on the two end sides of the main body. And, a final scale resolution is created by dividing the spaces bounded between actual horizons and fault planes, and eventual actual part of the outer boundary into one or more horizontally oriented fine layers. The module includes a memory to store management event information and a controller to operate in an active central management controller mode and in a standby central management controller mode.

1459827569-2841de57-e7b4-4471-95f3-05aa160f2d68

The present invention involves a system and method for limiting access to computers by an individual; and a system and method for rewarding an individual with computer access. A pivoting guide has a distal end attached to the entrance and a proximal end attached to a movable portion. One sensor is connected to an anode of the differential signal source, and the other sensor is connected to a cathode of the differential signal source. The abruptness reverses the electric field and voltage

potential gradient along the insulator outer surface, repels charged ions away from the insulator, and thus prevents the formation of a conductive path between the central electrode and the shell.

1459827569-4bb49c9f-0745-4e6f-a703-132f1e7d7730

Methods of calculating pixel values representative of a scene are disclosed herein. At least one N-type electrode is connected to the N-type semiconductor layer, and is exposed to an opening through the active layer and the P-type semiconductor layer. The backing bracket is mounted to a dwelling to maintain the shutters spaced from the dwelling when the shutters are in the closed position. The cutting portion also has a cam member with a cam arcuate surface and a cam bearing surface, located on different sides of a cam pivot axis. Housing-fixed shaped areas determine the ability of the actuating element to pivot by means of the interaction of said shaped areas with shaped surfaces.

1459827569-7041cb5d-0045-4ae9-af75-6196c9aff1b3

A roofing system includes a plurality of insulation boards adapted for overlying a roof deck to form a layer of insulation, and a plurality of cover boards adapted for overlying the layer of insulation. The method comprises the steps of: generating digital image data depending upon an X-ray image corresponding to at least a part of the bone; transmitting a digital image data signal comprising the digital image data; and processing said digital image data signal. As the suspension lift tab slides along the ramp, the resistance of the circuit changes. A conveyor is on the conveyor carriage in a loop around the front conveyor wheel and the rear conveyor wheel.

1459827569-ceedaf51-0948-4284-a57d-72e14276c90a

A method and system are disclosed enabling configuration of a control system for an electrosurgical generator system for creating new surgical applications without changing the underlying software system. The reservoir is approximated by a reservoir model having a plurality of cells. Thereafter, the concatenated or second data packet is transmitted to the second destination address.

1459827570-19b445e8-8c7a-4034-8413-0db09f6f8b8a

An earth boring drill bit comprising a bit body having a longitudinal axis along a path of the bit, a first plurality of cutters mounted to the body, and a second plurality of cutters rotatably mounted to the body, wherein a longitudinal axial relationship between the first plurality of cutters and the second plurality of cutters is adjustable. When more than one outstanding transaction affects the same memory location, dependencies are established to ensure the correct sequencing of the competing transactions. A second memory cell is programmed to a second threshold state by applying an initial bias voltage to the second memory cell which is function of the recorded bias voltage. Each of the pumps is connected to one of the cartridges and can be activated to draw a desired amount of liquid from that cartridge. A second electrode is disposed adjacent the outer sidewall of the first electrode and separated therefrom by the capacitor dielectric.

1459827570-37058c9a-6e5d-4faf-b425-7fdd80ea6c02

A device for decomposing the oxides of nitrogen contained in effluent compositions, such as the exhaust gases generated by automotive combustion engines, is described. A plurality of terminal slots is formed in a front side of the plug body for respectively receiving a plurality of terminals. The collet is formed as a series of individual, arcuate tangs which are joined together by a retaining collar, the collar allowing the segments to be resiliently opened within the fastener so as to allow the crests of the tubing to pass therethrough. The eccentric rotor includes a printed wiring board, a cylindrical bearing for insertion of a shaft, and a weight which are integrated to have a flat disk shape by resin molding. The docking station has greater cooling capacity than the portable computer alone to provide enhanced cooling of the high power mode of operation. A set of precursor-ions that

has substantially similar intensity ratios in both sample portions is determined to be associated with the same polypeptide.

1459827570-a1e642ce-f78b-471a-89cb-ab728f2e6fed

An exemplary embodiment of the invention relates to a method, system, and storage medium for providing a dynamic multi-dimensional commodity modeling process. Any combination of fail safe features may be used with or incorporated into the DDV such as redundant valve members, an upward opening flapper valve or a metering flapper below a sealing valve. The disc brake being susceptible to a thermal expansion and a thermal contraction and as a result the effect of the clamping force applied to bring the first and second friction members into engagement with the rotor may change during a time period that the parking brake application is initiated until it is terminated. When deformed, an elastically deformable element exerts a force on the engagement element.

1459827570-d1b56c13-21e4-4814-9e8b-a57dea4906a5

A combination lock capable of being opened by a key or inhibited the same is disclosed. In one example, a thoracic impedance threshold is modified to an adjusted thoracic impedance threshold. A sliding switch within the housing has a first position that electrically couples the first and third center conductors to one another and a second position that electrically couples the first center conductor to one of the second center conductor and the terminating element.

1459827571-1fc15a26-5572-40bf-ae05-ef7e22d71278

A system and method for encoding dynamic image information for an image generated by a computer application executing on a processor. The motor 1 in accordance with the present invention comprises a motor body A, an output shaft 3 projecting from a front end of the motor body A, and a voltage-supplying terminal 8 provided in the motor body A, the terminal 8 having an elastic force in a direction substantially orthogonal to the output shaft 3 and also having a grounding portion 14 disposed near a rear end of the motor body A. According to this invention, one of ordinary skill in the art can easily machine an actual article in conformity with the actual shop floor in the actual factory to make a metal mold. The argon containing plasma process may form a first layer on the fin structure and STI structure and an ammonia fluoride containing plasma process may form a second layer on the first layer. Accordingly, even in a refrigerator having the ice making apparatus installed on a rear surface of the door, the ice making apparatus can permanently provide an effect of preventing water inside the ice making cells from flowing out of the ice making tray due to an openingclosing operation of the door. The whole system allows for a minimally invasive pump implantation and augmentation of flow.

1459827571-288dcb1f-1c74-44b1-bfc7-776d1aedab3a

Peripheral Component Interconnect Express tunneling over Converged Enhanced Ethernet networks. An apparatus for quantitative assessment of spatial distractor tasks of a subject comprising a display device, an input device, a control device, and a tangible computer readable medium. A response is provided based upon this correlated search engine activity information. The method may further include notifying the particular user of possible undesirable content with respect to the given network information source dependent upon the indication. For example, the LPD can determine the angle of the viewing surface relative to the LPD and then adjust the horizontal and vertical scan mechanisms to return the image to its original configuration, such as rectangular.

1459827571-c67371cc-5d4c-45c1-ba97-835a41de4473

A novel operational amplifier is disclosed which is divided into an input stage, a common mode feedback stage and an output stage. This electromagnetic noise suppressor has high electromagnetic noise suppressing effect in the sub-microwave band, and enables it to reduce the space requirement and weight. If one or more are no longer available, the backup server re-uses a root tag vector entry



corresponding to one of the no longer available root hashes. Each network device includes a routing protocol having a version and a type. Active control surfaces, turbo-fans, propellers provide precision control of the apparatus.

1459827572-219ef247-4b60-4afd-ae14-bfe00cc3c058

Apparatus, and an associated method, for acting upon data signals received at a base station of a fixed wireless access communication system. Systems and methods for determining erythrocyte membrane fragility include devices for measuring the concentration of at least one cell-free hemoglobin derivative, and using the absorption properties of cellular and cell-free hemoglobin derivatives in the Soret region. The implement includes, for example, a substrate, a cover and a spacer between the substrate and the cover. In one embodiment, two sheets of piezoelectric material are connected electrically in parallel.

1459827572-51bd037f-9725-45fd-811f-32ad8b0de889

A method of distributing research data from a common database to a user of the common database is provided. The anvil surface includes a plurality of angled grooves having a variable groove width. The front forked portion of the valve-core engaging member includes a recess formed therein for accommodating a plunger of a Schrader-type valve therein to allow the forked portion to be positioned over the plunger in the valve to provide for engagement of the cooperating forked portion of the valve core. computes and transmits to the unit R a plurality of sender's quantities; and3. The circuit receives at least one electrical audio signal. The system incorporates a grinderdehydration system, waste transport, a holding container, fuel air regulator, and a novel combustion heat regulator in combination.

1459827572-c96d9291-8cc5-47e9-b5e1-0f1e67830288

A one-size-fits-all uni-hearing aid is described which is adapted to fit into either ear of an ear canal of a user to a depth proximal to the tympanic membrane. In one embodiment, the rapidly deployable mobile fogging system comprises an emergency response vehicle. In response to the storage-modifying memory access request, the cache memory performs a storage-modifying access to all granules of the target cache line of data if the partial cache line hint is not present and performs a storage-modifying access to less than all granules of the target cache line of data if the partial cache line hint is present. The front-end component conditionally calls the Wait and Signal functions depending on whether the lock is currently contested when a new process wishes to acquire the lock, and on whether any process is currently suspended, waiting to acquire the lock.

1459827572-e7f5338e-84e6-4911-8f19-b99e199e93aa

A high speed transmit driver is provided, along with methods to improve driver slew rate, decrease transmit jitter, improve termination accuracy, and decrease sensitivity to supply noise. This problem has been overcome by using IrMn for the pinning layer at a thickness of about 20 Angstroms or less. This fluid layer may be maintained by immersing the component in liquid or by using a captive couplant column between the probe and the component surface. Thus, the impurity concentration estimation means accurately estimates the impurity concentration in the hydrogen system of the fuel cell. The width from the position where the first element isolating region contacts the first gate insulating film to the top surface end of the first element isolating region is equal to the width from the position where the second element isolating region contacts the second gate insulating film to the top surface end of the second element isolating region.

1459827572-f148cdbb-fe87-46c6-8625-8fcf2d9d1ffc

A system for composing an audio-visual presentation over a communications network includes a composer system having a computer processor and associated memory and a telephone device, the composer system having a presentation containing at least one visual slide stored in the memory, and a host system including a computer processor

and associated memory. The first conveyor system includes a ribbon that forms a closed loop along at least a portion of the semiconductor device manufacturing facility. The payload calculation system may further have a processing device configured to calculate a mass of a payload moved by the work implement. After then, the device is operated in the calibrated states. The system provides for more simplified maintenance of vehicles where moving the entire vehicle to a service location might be impractical. A choke point is provided on inlet-side armature surface, and is formed by an annular, stepped prominence on inlet-side armature surface.

1459827573-146acd6b-1b61-44f7-ad41-713e6c6293f4

A method for the production of a biodegradable foamed product 7 from a base material and a blowing agent 1. The device transmits laser light generated from a laser light source toward an optical pattern rotary plate to receive its reflection light by an optical receiver. The motor control compartment further comprises a light assembly attached thereto. The write test is used to indicate an abnormal condition of a head. A catch is attached to the second plate adjacent to the second end.

1459827573-5ad7bd1c-a07c-4e82-9f7c-2559dc51d07e

Easy to attach and detach blades for overhead ceiling fans. The receiver system includes a plurality of antennas and a signal processing circuit. The image-forming equipment may include a photoconductor, one or more chargers, an exposure machine, a toning station, a fusing station, related equipment, and accessories. A controller evaluates the status signals and triggers warning signals when the status signals indicate that the bearings are in danger of being damaged by continued operation. The detection of the component video signal is made automatic by means of the microcontroller, the synchronization signal detector and the color decoder. The nozzles also include a plurality of heaters, wherein at least one heater is embedded into each nozzle body.

1459827574-51456a59-a11a-4f09-b699-1d5fc0392fe1

This invention presents a method to extract atomic parts of a graphics model using its skeleton. which has high electron and positive hole mobility and low leak electric current qualities. When executed by a computing device, the application is capable of communicating using a first protocol. The plurality of document tokens correspond to a plurality of documents which have been tokenized according to the one or more rule parsers. The outputs of the main signal path and the auxiliary signal path are inputs to a complex least mean squares filter to attenuate the IM3 products in the resulting signal. The tiled head-mounted display device can be readily applicable to augmented environments applications by simply adding an auxiliary free-form lens behind the prism with free-form surfaces.

1459827574-652ffa6d-6dde-4e29-9297-c910517f2dea

An activated carbon composition is disclosed, which includes an activated carbon and a carboxylic acid containing compound. One such system utilizes one or more electrodes to measure an additional analyte. The regulating threaded rod is extended through the middle column, for adjusting the distance between the first clamp block and the second clamp block. The BIST circuit also includes a BIST controller for coordinating BIST testing of the CAM core. The separated components having predominantly lean beef can be removed from the liquid as a reduced fat ground beef product.

1459827574-bdc228b5-23fa-4ece-9267-482d307da166

A beverage canister top that facilitates high flow rate includes a canister base, a lateral wall, and a canister top. The device may be manufactured independently as an accessory item, or it may be included in the snowboard at the point of manufacture. The duty cycle factor module is configured to determine a duty cycle factor of an internal combustion engine where the duty cycle factor represents

predicted driving conditions of a vehicle in which the internal combustion engine is housed. Using the planar grating, constantly changing glittering effects are formed at illuminating portions of the decorative object for enhancing aesthetic values. A threaded opening is located on the rear surface of the replaceable striking plate and receives a fastener to retain the replaceable striking plate on the front portion of the main body and within the recessed region and relief region. It involves the calculation of an interpolated Fast Fourier Transform spectrum of correlated signals in which the frequency lines corresponding to half-integer values of the frequency resolution defined by the FFT are obtained by a combination of both amplitude and phase values of the FFT spectrum.

1459827575-3d366553-38b4-43dd-aba6-f360beed0a8e

A connector for preventing a load from being applied to terminals, substrates, etc. These techniques may include analyzing a corpus of text to locate a first set of phrases that differ from a received source phrase by one word. One or more feeder modules deployed within the controller collect energy supply data from an energy source or feeder on the energy distribution system.

1459827575-afc2eb8a-8e68-4b33-952f-f72875f53515

A plurality of microwave introduction windows are placed at the top wall of the reaction chamber. The HSDP component dissolves asphaltene precipitates and maintains suspension of inorganic particulates before coking affects heat exchange surfaces. Six control elements may be operably coupled to each of the planetary gear sets and selectively engagable to create a set of different gear ratios between the input member and the output member. The check valve protection device preferably has an interior volume that fills quickly by relatively few cycles of the lubricant pump to reduce delay of lubricant to the injection point. In the retracted position, the both ends are located within the reservoir. The reactants are reacted in a reaction chamber located in the flow of water and the chlorine dioxide is passed from the reaction chamber directly into the flowing water.

1459827575-c4626edc-2cbe-4750-8807-1621215770df

A method and device for activating a starter, which is controllable by a driver unit, for an internal combustion engine of a motor vehicle. The signals are not read out at all, or even if the signals are read out, they are not processed as valid signals. First a layer of magnesium is deposited by DC sputtering and converted to magnesium oxide through radical oxidation. The air channel opens with an air channel window into the cylinder.

1459827576-2324227e-82eb-46e8-91ed-831ddddd22037

A system for monitoring a vehicle's contribution to the efficiency of flow and throughput in traffic includes: a computation unit that determines the fluctuation in velocity of the vehicle over a time or a distance; and a notification unit that provides a notification related to the determined fluctuation in velocity of the vehicle. The ram assembly includes a ram block for engagement with the tubular, a ram shaft for selectively extending and retracting the ram block, and a ram connector for operatively connecting the ram shaft to the ram block. The apparatus can also include an effector configured to transfer the loading force from the loader member to the work piece and is configured further to apply a cleaning force to a path that the work piece traverses to the milling region. In yet another embodiment, a first set of the coil springs has a barrel-shaped outer profile while a second set of the coil springs has an hourglass-shaped outer profile.

1459827576-2ae189cf-58fa-43c0-9915-8a5982d3e26b

A purge valve includes an aperture, a member, and an actuator. The invalid and undesirable conditions can include, for example, call looping, misrouting, mass calling, and excessive redialing. The power controller has an input and an output, wherein the input is electrically connected to an airfield power infrastructure and the output is electrically connected to a light module.

1459827576-5f4fe05a-bc0d-4f79-a673-b60d3bd729f9

An apparatus and method for lining ditches is provided. The up-conversion phosphor comprises an ordered oxyfluoride compound having a formula:

$A_3\text{U}_{22123a2}\text{RaM}_{04}\text{U}_{2212}\text{U}_{03b41}\text{U}_{2212w}\text{U}_{2032F1}\text{U}_{2212}\text{U}_{03b42}\text{U}_{2212w}\text{U}_{2033Nw}$ . The management center receives performance information of the remote location with respect to operational parameters of components of a refrigeration system of the remote location, and temperature data, at which food product has been stored. In one embodiment, the rows 6 run essentially crosswise to the longitudinal axis 7 of the brake lining carrier plate 1.

1459827576-78024f53-5db4-475e-9359-2593a6700924

An organic light emitting display including: a pixel unit to display an image, according to a data signal and a scan signal; a data driver to supply the data signal, according to a video signal; and a scan driver to supply the scan signal. The protruding portion may protrude from an upper portion of a sheet receiving surface of the movable member when the movable member is located in one position. The embodiment also includes a plurality of second communication devices with each second communication device configured to provide communications to user devices located on a different floors. Thereafter, the worker can disengage the securing mechanism to allow movement of the chalk line guide post and plate to a desired position in the slot corresponding to a desired angular orientation of the layout line. Based on a result of lookup operations on the set of associative memories entries using the generated one or more lookup words, the received packet can be identified as whether it matches or does not match the instance of the flow type.

1459827576-d1fe389f-2108-4dae-b4bf-d05e1cd27457

A data output drive transistor is rendered conductive when the potential of an internal node attains an H level, whereby an output node is discharged to the level of ground potential. In order to reduce as much as possible the displacement of the top mass, an additional counterweight can be moved by the motor over at least a large part of the path of displacement of the working mass in the opposite direction thereto. Each of the rotor shafts is positioned in a housing with each housing attached at a lower end to a distal end of a beam with beams attached at a proximal end on the right side and on the left side adjacent to the nose end of the fuselage, and on the right side and on the left side adjacent to the tail end of the fuselage. A molten resin is injected into a cavity for curing, with the upper and lower molds closed together, and with the lead frame positioned loosely without being tightly clamped between the upper and lower molds.

1459827577-03e094a6-39d5-4544-a11a-262f3c45159b

The present invention provides for fitting a multimodal hearing system to a recipient. In certain exemplary embodiments, the spinal plating systems can be configured to allow a surgeon to select a bone screw construct having a particular range of motion for attaching a spinal plate to bone as needed based on the intended use. The system enables business rules to be separated from application logic, thus allowing businesses to easily change rules and adapt and respond to competition without requiring code changes. A first protruded active region is provided in a manner to protrude from an end portion of the first active region. Other embodiments may be described and claimed. Accordingly, the time taken in programming can be reduced without increasing a unit of program in a multilevel flash memory, thereby improving performance in a multilevel program of a nonvolatile semiconductor memory device.

1459827577-29ecb057-4815-437f-b223-13d2dd5f275f

Secret information, such as seeds, codes, and keys, can be automatically renegotiated between at least one sender and at least one recipient. A communication link, coupled to the electronic device, is configured for transferring at least one onboard application program from the electronic device to

the second electronic device. The regulating means includes means for circulating a heating fluid through the platens, means for detecting the temperature of the heating fluids as it exits the platens; and means for responding to the detected temperature for heating the fluid supplied to the platens. A message is received from a distributed service from among the one or more distributed services. This is advantageous when a therapeutic agent would have widespread unwanted effects which could be avoided by confining the delivery to the malfunctioning or damaged brain tissue.

1459827577-667c3c27-258f-46ca-987c-07758a6e8f66

This invention includes an adaptor that facilitates reconditioning and charging of non-smart batteries in smart chargers. A first job is printed on the print media and a downstream finishing device in a first configuration acts on the media. The guide is provided with a coating having a hydrogen radical recombination constant of less than 0.

1459827577-9f816408-b4d1-4338-924b-4f16f73b53d1

The present invention provides a gaming device having an offeracceptance type bonus game. A mode setting device selects a mode between the first mode in which the printing device forms the image on the recording medium and the second mode in which the printing device forms the image on the intermediate transfer medium. First and second mounting flanges on the adapter overlay a portion of the channel, to cooperate with mounting flanges on a rearward end of the syringe, so that the syringe mounting flanges may be inserted between the adapter mounting flanges, and then rotated in the channel behind the adapter mounting flanges, to thereby lock the syringe to the adapter. Coefficients of the compensation filter and the gain compensation circuit are compensated on the basis of a head position trajectory obtained by actual seek operation. The invention also provides pharmaceutical compositions comprising such compounds, and methods of using the compounds for treating diseases or conditions associated with uncontrolled or inappropriate stimulation of CRTH2 function.

1459827577-c9a87111-1bc7-4625-b64c-168d2e489e60

Shape dummy cells that are designed to have the same dimensions and structures as MTJ memory cells are additionally provided in the peripheral portion of an MTJ memory cell array in which normal MTJ memory cells for storing data are arranged in a matrix. The wafer processing apparatus includes a transfer chamber which can be exhausted and has a plurality of gate valves, a plurality of vacuum processing chambers each of which can be connected to the transfer chamber via one of the gate valves, and a load lock chamber which can be exhausted and is connectable to a first gas feed line for feeding an oxygen-based gas into the load lock chamber. Define for one product-related entity a set of product-related entities referencing the one product-related entity and each other via a nested structure.

1459827577-ef73375a-385d-4c1a-a0a8-d71a1f3b63e3

An elevator installation, and a method of operating such an elevator installation, has at least one car and at least one equipment for detecting a car position wherein the equipment includes a code mark pattern and a sensor device. Also provided are a method to form an electrode that is capable of easily manufacturing such an electrode, a highly reliable thin-film transistor, an electronic circuit using this thin-film transistor, an organic electroluminescent element, a display, and electronic equipment. Upon a successful strike of the target, a ball is released down a helical track toward a rotating playing field interspersed with holes assigned various values.

1459827578-06222f81-059f-4243-a65a-e02aa6add47f

The overrunning bi-directional clutch assembly has two coaxial slipper rings and use one actuator to simultaneously uncouple the slipper rings and lock the clutch. Use of these esters also produces formulations with increased stability to ultra-

violet light, improved low temperature properties, lower viscosity and improved processability as well as reduced smoke on burning. One of the mobile station identifiers is identified as corresponding to the mobile station. As a result, it is possible to prevent a stopper from being damaged and to improve the reliability of the sensor.

1459827578-082d2e56-de5f-45ba-83d1-545816cd4cd2

A dental hygiene device for wearing in the mouth over the teeth and along gums has a flexible open-support structure and a fabric covering overlying the support structure. The measuring tube is held to oscillation in the transducer housing and vibrator, at least at times. The elongated lands have side walls between top and bottom surfaces of the cavity plate to form elongated cavities. Positive impact squares, negative impact squares and indifferent impact squares are assigned to the game playfield though the software platform based upon manufacturer and casino specified odds for each \u201cCoin-In\u201d credit level and value of game play. The load impedance is a complex impedance exceeding an impedance generated during power matching in the saturated power amplification apparatus.

1459827578-73fed3a6-0aeb-4adb-83cb-524a0cba2230

Improved methods are provided for the application of downhole oil or gas well treating agents, such as liquid corrosion inhibition agents. The first face is substantially smaller than the second face and the third face. A decoder may determine whether the PCI byte enables are combinable, contiguous, and/or active, and, using state machines, transfer a quantity of the PCI data and associated byte enables from the first queue to a second larger queue. In order to allow a MS to receive a PTM-M in an IDLE state, a unique protocol identifier is permanently assigned to PTM-M transmissions whilst other identifiers are dynamically assigned to other PDPs by the network. The invention also relates to the process for manufacturing the plate and to the device that includes said plate.

1459827578-82c6c3c3-5a70-4c34-84e8-bf11a2a4374f

The present invention includes a method of fabricating a non-volatile memory device having two transistors for two-bit operations to improve electron trapping efficiency and integration degree of the non-volatile memory device, and a method of driving the non-volatile memory device. In the method, discontinuities along a loop are identified sequentially by comparing the measured waveform to waveforms generated on the basis of a hypothesized topology. The compounds of this invention represent a potential new class of anti-tumor or anti-metastasis agents, one that has shown promising activity against solid tumors. The circuit board also comprising a strip of conductive material on the first surface, the strip of conductive material forming a perimeter around the first region of the circuit board, the strip of conductive material coupled to the ground plane, the strip of conductive material defining at least one gap wherein the trace is oriented through the at least one gap. Block statistics associated with each mode pair are accumulated by separately encoding each block using each mode pair, and selecting the best mode pair for each block according to a measured characteristic of each encoding.

1459827579-12f21f51-6be5-4979-a71f-73ea0a1397f7

The invention provides a process for the preparation of 6,6-dimethylhept-1-en-4-yn-3-ol comprising of reacting t-butylacetylene with a proton-extracting agent selected from the group consisting of an organometallic compound and metallic lithium to form a t-butylacetylide, reacting the acetylide with acrolein at temperatures between 40 C. The first set of passageways and second set of passageways being separate and permitting the warm water laden air stream to be cooled by the stream of ambient air so that water can condense out of the warm water laden air stream. The method further includes calculation of the logical relationships for the sub-systems implementing the second diagnostic method, and the transfer of the logical relationships to the sub-systems implementing the

second method and the transfer of the model to the sub-systems implementing the first method. The string object may simply be a hash key in a hash table for the server application, which stores the complex object.

1459827579-709026e1-ff9c-4e3a-bfc7-d1b1b3d8908a

Semiconductor devices, methods of manufacturing thereof, and methods of arranging circuit components of an integrated circuit are disclosed. The invention also relates to methods for producing these inhibitors. The present disclosure also provides processes for preparing compounds of Formula as provided herein, including N--5--2--3--2-oxopyrrolidin-1-yl)cyclohexyl)acetamide. The DVD subpicture bitstream is used to carry and display data channel information such as stock quotes, electronic program guide information, advertisement information, and the like as well as provide interactive menuing functions.

1459827579-cc65f6ad-3578-4601-804c-a37e14917537

A fuelair separation apparatus for separating air and/or vapor from a liquid fuel. The waterproof admixture composition can protect reinforcing steel bars against oxidation in the presence of salt, thereby ensuring excellent anti-corrosive performance and thus greatly improving the durability of reinforced concrete even in salt-damaged areas and corrosive environments and the like by inhibiting the corrosion of the reinforced concrete. Additional aspects of the invention include c-di-AMP activity modulatory compositions, e. The handle has a bend and may be rotated 180 with respect to the base member to achieve different effective handle angles.

1459827579-d62e09a5-262e-4038-91ae-a9f9ad00babf

Structures with improved solder bump connections and methods of fabricating such structures are provided herein. The resulting coated particles have highly uniform, adherent coatings that allow easier production of good quality quantum tunneling varistor devices. Other methods, systems, and apparatuses also are disclosed. 8 to 25 micron from an infrared light.

1459827580-44332afa-828f-4237-9605-cafaad92866a

A system and method for a compressor may include an inverter drive connected to the compressor that receives electric power and modulates a speed of the compressor by modulating a frequency of the electric power. The invention also provides an agent for remarkably enhancing the above-described effect for promoting the proliferation of hematopoietic stem cells and hematopoietic precursor cells, comprising the MK family in combination with known hematopoietic factors such as IL-3, IL-6, G-CSF, GM-CSF, M-CSF, SCF, and EPO. The device also includes a swimmer connection mechanism removably attached to the fuselage by a locking mechanism whereby the swimmer connection mechanism connects a swimmer to the device, and a control mechanism attached to the fuselage and the propulsor. The message hygiene stamps allow the filters to determine whether the email message has already been processed by the filter within the email infrastructure. The first computing device generates a first key component based on the first random value.

1459827580-50bdf2e6-d3ac-4c2b-9542-26bb3d07afb5

A Roman shade includes an upper rail, a Roman shade assembly attached to a lower side of the upper rail that is pendent and foldable, and a rolling shade retractable in the upper rail and retained at the backside of the Roman shade assembly. The method of this embodiment may also include generating striking voltage and steady-state voltage for at least two lamp loads. The sensor element senses at least one physical property of a medium to be measured.

1459827580-816dd6c4-de34-4cd1-a417-167b6c8f4236

A method to facilitate a network-based commerce transaction commences with the recording of a transaction agreement between a buyer and a seller. The power supply device supplies to the electrode chips a preset welding current until the

spattering is detected. 5 weight percent to 10 weight percent of a functionalized rubbery polymer, and from 0. A user, such as a system administrator, interacts with the control nodes to logically define the hierarchical organization of distributed computing system.

1459827580-a3c8ab61-d91e-4b2b-8036-012c18b2c8f3

A fixed station and an on-board apparatus are constructed to carry out a short range communication. The dispenser is pistol-shaped, formed of a generally cylindrical body and a downwardly extending handle with a trigger. In a state where the long bodies form the shoulder sections for clothing.

1459827580-b89cfd39-ebff-403a-b8bb-d935b6d972da

A toothbrush and toothpaste combination assembly includes a housing that has a top wall, a bottom wall and a perimeter wall attached to and extending therebetween. The frequency-variable oscillator includes: a voltage-to-current converter circuit for converting a voltage level of an input signal into a current level within a predetermined range; and an oscillator circuit for varying a frequency according to the current level from the voltage-to-current converter circuit and oscillating the varied frequency. The matching names are propagated to at least some higher-level cells in the hierarchical design, in place of the original names. 49%, by weight, of the combined weight of the plant sterol and the soy protein material and/or the isoflavone.

1459827580-f592b772-c6ca-497e-bc23-a43d0e3e088f

A liquid crystal display device having two pieces of liquid crystal display panels commonly using a source driver is provided which is capable of displaying a different image in each of the two pieces of liquid crystal display panels. An adjustable hanger rod assembly includes a rod with oppositely oriented external threads at opposite ends thereof. The transaction sticker includes a first account identifier linking the transaction sticker to an account or record configured to track a value available for use toward a purchase of goods and services.

1459827581-80722ab1-34ba-480e-956c-c90c677c0b22

The present invention provides a reagent for analysis of immature leukocytes comprising: a surfactant which can damage cell membranes of erythrocytes and mature leukocytes, a solubilizing agent which can shrink the damaged blood cells and a dye for staining nucleic acid, wherein the reagent has an osmotic pressure of not lower than 10 mOsm/kg and lower than 150 mOsm/kg. Some or all of the switching blocks produce more than two block output words in response to each block input word. Billets are disclosed that notch the billet leather to receive a connecting strip to connect the billet leather to the tree webbing, thereby reducing the thickness of the billets. When a read or write operation is performed for the banks located farthest from the data pads, the repeater on the GIO line buffers the GIO signal, and thereby reduces the load of the GIO line, decreases the delay of the GIO signal, and improves the slope of the GIO signal.

1459827581-8356e23d-d755-44e3-a8d7-2ee709e49c80

Various systems and methods are provided for monitoring patient physiological data without the need for adhesives or wires to be connected to a patient. The computer worm detection system then determines whether the anomalous behavior is caused by the computer worm and can determine an identifier for detecting the computer worm based on the anomalous behavior. A vessel which forms a space around the structure is filled with inert gas to cause inert gas to enter the gas purge space, purging the gas purge space with inert gas. 0.2 to 2 parts by weight of a peroxide; and 0.

1459827581-adfffd6a0-5842-4efd-8557-70c7e1725644

Methods and systems for x-ray detector and x-ray source arrangement in cone beam computed tomography systems are provided. The possibility is decreased by controlling a power source so that a voltage drop of a Zener diode maintains a



Zener breakdown voltage. Preferably, the repeater autodetects and/or autoconfigures some or all aspects of repeater operations, such as detecting and/or configuring in response to appropriate or approved cable-type connections. The chassis is configured to provide the proper configuration for alignment of either an original or replacement set of operating components mounted on the chassis if the chassis and set of operating components are mounted within the interior volume of the housing. In some implementations, each of these solutions may have a corresponding recommendation score relating to the expected efficacy of the solution to solve the challenge. Furthermore, each drain passage connects the track directly to the exterior environment to avoid the possibility of one drain passage becoming blocked and urging water back into another track.

1459827581-d3d7c0d2-2bc5-460f-8903-9628ec7fd4c9

A computer method and system of caching. The method uses solution-based components that are mixed and dispensed into regions on a substrate for drying and/or heat-treating. A control unit of the patient-monitoring system includes signal analysis functionality that is configured to determine that an alert event has occurred, in response to the first sensor signal. According to one embodiment, at least one sublithographic gap is a slit or line that traverses the width of the gate conductor structure.

1459827582-11e6b512-64db-4457-b1ab-42351141ead0

The collect cellular call identifies the cellular telephone carrier and called party cell phone. The assembly comprises a truck bed floor portion and a cargo bed door portion. A saddle is slidably mounted on the shaft between and pivotally connected to the handles. A CPU controls the locking mechanism to inhibit the disk unit and the main body from being locked together while the removable hard disk is in operation.

1459827582-30cea3ba-6476-4866-a7d8-c9c5d69d6756

A semiconductor memory includes a core array including a plurality of memory cells, and a redundant array to be substituted for a substitution object area having a defective cell in the core array. In one aspect, the invention includes a brick tie that interfaces the masonry veneer and interlocks with an anchor plate mounted on a structure. The method and system use crowd-sourcing to build and refine the wireless AP fingerprints. The invented cartridge need not seal to the pressure vessel, because the cartridge neck protrudes outside of the pressure vessel to seal directly to a filter head.

1459827582-b6634b71-d1d3-472e-9df6-b9810c1b7969

A method and a device for compressing a gas-phase medium, particularly hydrogen or natural gas, in a single-stage or multistage process using at least one piston compressor, wherein the medium may have a water content up to total saturation with water. A query for a set of Matching XML documents is received. Based on the information received from the other nodes, each node determines whether it is the leader. The invention also provides compositions comprising vesicles that, during culture of bacteria of the invention, are released into the culture medium. Any of several hierarchies of the connections in a storage enterprise may utilize such wireless connections.

1459827582-ddaf4c81-4645-487e-bed1-e20f603aace8

A connector for differential transmission is disclosed. The catalyst has a high performance when used for the production of compounds by various reactions. A user operates a remote control for sending a sending to the drive motors to regulate the speed and direction of rotation of the spinner independently from the tire rotation. The stoichiometric condition is maintained by controlling the amount of fed oxygen to the amount of fed fuel.

1459827583-0f30b73d-c91f-401c-94ac-ab79076deb65

A method, system and computer program product for controlling information gathered by data collection agencies in an electronic transaction. A voice code conversion apparatus demultiplexes a plurality of code components, which are necessary to reconstruct a voice signal, from voice code in a first voice encoding scheme, dequantizes the codes of each of the components and converts the dequantized values of code components other than an algebraic code component to code components of a voice code in a second voice encoding scheme. The featured content items stored in the database may include any type of data, such as text data, hyperlink text data, markup document data, computer code, or other types or combinations of data related to a particular topic. Adjustment indicators and status indication elements disposed in or on portions of the housing are configured to enhance readability and recognition, which facilitates safe and efficient operation of the device. The photographs are cataloged in the server according to the identifying data and can be subsequently ordered using the server which is typically an Internet web-site.

1459827583-68570c5d-63ed-4965-a6a0-933f13e0fe9e

An axial bearing unit made up of a cage and races is in which the collar located at the outer peripheral edge of the race is extended by a first flange and a protruding rib is formed in an area made up of the collar and the flange. The fiber-optic sensor device is capable of sensing a change in physical quantity by using two fiber Bragg grating units arranged within an optical fiber and a fiber-optic sensor unit arranged therebetween, thereby implementing a low cost fiber-optic grating sensor having a simple structure without requiring a reference FBG. The outer sleeve has a distal anchor engaging end, a proximal end, and a central passage extending from the distal end to the proximal end. Connecting a filter network with an inductor and a capacitor to the output of the comparator and deriving the feedback signal from the filter network, results in an output of the comparator which is a DC output with a superimposed ripple. The methodology includes calibration of a known pattern to the area array image sensor, equations to map the physical points to the image sensor, algorithms to determine a best estimate of the coordinates of occluded points, and techniques to merge the computed coordinates from different sections of the object. These characteristics include the spectral emission characteristics of the plasma, the spectral absorption characteristics of the plasma, the physical dimensions of the plasma, the angular distribution of the light emitted from the plasma on the coating and the geometry of the coated surface.

1459827583-e81042f6-1650-4f1e-b5e8-81fe3673dd07

A method and system for real-time monitoring voice mail during an active call includes generating a duplicate of a calling party voice stream being recorded by voice mail for a called party on a call with a previously connected party. The ceramic mold provides an insulation layer between the molten metal and the steel die, and prevents welding between the molten metal and the die. One or more errors are selectively introduced during synthesis of a polymer in response to the signal. The display shows the value of the voltage or current supplied by the power-supplying device.

1459827584-7b75260d-e8ce-48bc-8c75-3d809ed64e1b

Described are devices, methods, and kits for non-invasively measuring glucose. An integrated circuit device can include a first raised sourcedrain structure having a first height above a substrate in a first region of the integrated circuit including devices formed at a first density. The first wireless communication module receives a video signal through a first wireless communication system.

1459827584-9bb15b93-b4ad-4900-98ca-a197d5e3c389

A method for manufacturing a hot-rolled sheet attains grain refinement of the steel sheet whose grain size is extremely fine. The terminal device has a network connectivity subsystem enabled for data connectivity with a wireless communications network. The compositions are formed by solution or melt blending of the components

and may be formed into shaped articles.

1459827584-bc0f5d32-2e2a-46a1-b952-08838fbd9e91

A system and method for switching between input clock signals from different clock sources without losing lock by providing a supplemental correction signal to the loop filter in a phase locked loop circuit. The barrel is covered at one end thereof with a transparent board. An example assembly includes a sensor and a tire pressure controller that causes a decrease in a pressure within at least one tire of a vehicle in response to a first condition detected by the sensor.

1459827584-f9b35ae7-52fb-450c-ab43-78b2df10f64c

A thin film semiconductor device such as a photovoltaic device is fabricated on a lightweight substrate material which is affixed to a layer of material which is in turn supported by a carrier. A carrier for refrigerated goods is held on each telescopic extension by an adapter that bridges the space between the carrier for refrigerated goods and the telescopic extension, the width of the space being at least equal to the width of the telescopic extension. The system is a part of a fuel cell power plant. Thereafter, the memory information written into the memory cell thereof is made unrepogrammable to thereby disable rewriting of the post-shipment memory information. Another wind instrument, includes: a hollow tube having an open lower or distal end; a mouth hole formed in an upper or proximal portion the tube; a first finger support attached to and extending away from the tube; and a second finger support attached to and extending away from the tube. The method determines, when comparing a selected line segment or concave vertex i with another line segment j, any significant parameter value associated with a point on selected line segment, where the locus at that parameter value describes the skeleton.

1459827585-6032015a-0768-4e2c-a170-4b453c917df0

An integrated circuit is provided with a power supply terminal and an external circuit connecting terminal which is DC insulated from an internal high-frequency circuit and is connected to an external circuit. Several such applications are detailed. In addition, the elastic body has a bulk modulus lower than a bulk modulus of the mold body. The R-string sub-circuit is coupled to the switched capacitor circuit and the pair of differential input ends of the operational amplifying circuit. The supersonic external-compression inlet also includes a subsonic diffuser section arranged to receive flow from the supersonic compression section and to diffuse the flow to a subsonic condition.

1459827585-9a011173-b77d-4eed-8b50-701da4fc1baa

A oral care brush device is described for use primarily for massaging and stimulation of sensitive gums and teeth. A mating surface of the flex-circuit has a signal conductor portion surrounded by a shield conductor portion. The receiver unit receives a signal and identifies a transmitter station by its signature. A user can selectively switch, through operation of an operating section, between the issuing of the image writing reference position signal based on the circumference of the image carrier and the issuing of the image writing reference position signal based on the detected reference position.

1459827585-f8c7914c-74fa-4523-a35a-196c7559f653

There are provided an engine disposed between right and left front side frames provided in an engine room, a radiator disposed obliquely such that its upper end is located forward in a disposition space in front of the engine, an air cleaner disposed above the radiator, and an electronic control device disposed in a space above the radiator and below the air cleaner. The imputing system includes an inventory database, a data engine, a search engine, and a loop engine. In its simplest sense, a quantitative assessment profile of visual motion discrimination by psychophysical responses is generated on a tangible computer readable medium. If one of the control processors fails, the other control processor uses the same

bandwidth on the same facility to continue forwarding packets for a network connection. Standby times are significantly increased, resulting in longer periods of operation before battery charging is required, while keeping minimal the probabilities of missing incoming data packets when the interface is turned off. The length of the floating gates and the thicknesses of the control gate lines can be made less than the minimum resolution element of the process by forming an etch mask of spacers.

1459827585-fb3a1a1d-e675-45d3-b8f7-3dee78992a75

A document migration system that controls release, from a source enterprise content management system, of batches of documents and metadata and loading, to a target enterprise content management system, of batches of documents and metadata that have been released from the source enterprise content management system. Fabricated in the form of an integrated circuit, each such motor driver circuit has a parasitic transistor unavoidably created between two neighboring transistors. The additional opening acts as an exit or entrance for the fluid. The first and second portions are formed of a unitary construction and form an L-shaped configuration. Moreover, in the present invention, a biometric technique can be integrated with a cryptography technique. In addition, an optical code reader may also include an optical device to rotate an image as it is projected upon a stationary tilted image sensor array.

1459827586-38fb8150-db92-4828-aaa1-e51da7629a3a

The present invention relates generally to cutting blades for shredders. First stage rotor blades in the low pressure turbine are oriented oppositely to the rotor blades in the high pressure turbine for counterrotation. The diagnostic module reports a coking value to a user based upon an amount of compensation performed by the throttle control module. A first connecting branch with a first diode connects the first potential point and the potential point between the energy storage devices.

1459827586-832c9f23-90a0-4065-9942-6983d4997d83

The present invention provides in some embodiments, a portable device for massaging and treating a person's muscles. A pivot assembly is provided between the mirror head and the mounting bracket. Further still, a band storage including a motor driven control drive arranged to change the length of a variable length storage path for the at least one fiber band, wherein the band storage is arranged between the creel and the at least one feeder roll. Responsive to a determination that the IPC object is not an IPC shared memory object, a kernel handle that a process wants to be used for a new IPC object is registered. A retaining plate abuts a retaining ring, within the bushing, and a fastener through the retaining plate draws the hub and shaft tightly together during assembly. Located between the red and blue device structures is the green device structure.

1459827587-1b4cf7f1-6088-47d8-966d-a2a0d29a888f

A testing environment and a method for telephone number identification and/or verification. The distal end of the outlet tube is in flow communication with the desired component. The header is indicative of a tunnel that is used to support traffic from the first network to a second network over the backbone. The retaining plate 9 is thus freed allowing the foot-retaining part 1 to separate from the suspension part 2. The warning unit generates the warning notifying the user that the vehicle is in a situation inappropriate for the user to leave the vehicle when the door opens under a situation in which the charged device has been determined from the detection of the first switch as being set at the charge location. A groove for an optical path, through which the received light passes to be guided to said light receiving element and a first protective groove formed around said groove for an optical path to block said adhesive resin from intruding into said groove for an optical path are formed on said semiconductor substrate.

1459827587-3ec30fc0-cf86-47b1-9ba9-d64fc1ce73b0

The environment and growth of vegetation within a soil embedded culvert system is improved by directing artificial or natural light onto the vegetation within the enclosed passage defined by the culvert system. Certain novel coated substrates, such as diatomite porous substrates are disclosed. The evaluated system is the system from which the mobile station must retrieve parameters. This transfer belt can transport an attached wet paper web, and release the web smoothly to a next stage in the papermaking process, over a long period of use. The method includes receiving a data packet, calculating a time stamp difference value, determining whether a maximum token bucket value has been exceeded by the time stamp difference value and determining whether there are enough tokens to transmit the packet. Precise machining of a small corner interface of the base plate where a stator is typically seated and aligned with the base plate is made unnecessary.

1459827587-61b0db21-aa2a-4b3b-bf0f-ea790ce6b192

A control surface for an audio processing system that performs surround sound panning includes a touchscreen in combination with one or more other input devices. In some embodiments, tickets may be used to provide access to an enterprise resource without separate authentication of the application and, in some instances, can be used in such a manner as to provide a seamless experience to the user when reestablishing a per-application policy controlled VPN tunnel during the lifetime of the ticket. The second dielectric layer includes a higher refractive index relative to the first dielectric layer, such that the first and the second dielectric layer create an optical waveguide. Upon execution of a message rule, the rule is decompiled using a copy of the code library and translated into server specific for executing the extended rule on received messages. The second transistor has a control terminal connected to an output terminal of an opamp. An outlet pipe is fluidly coupled to the fourth opening.

1459827587-e5ab5025-84c0-4b98-81ec-5657493bfd9a

An embedment tile for producing a tactilely detectable surface in a pedestrian walkway. The system operates by first receiving a request at an application to provide content to a user. The receiver also includes a bias current controller for generating bias current according to an output of the super-regenerative oscillator, and a pulse width controller for receiving a predetermined clock and controlling a width of the clock according to the output of the super-regenerative oscillator. The apparatus has a first element which sets the nodes to clusters.

1459827588-20220606-5b92-4e75-a157-e004f96ddf62

A method, system and computer program product are disclosed for compressing encrypted data, wherein the data is encrypted by using a block encryption algorithm in a chained mode of operation, and the encrypted data is comprised of a set of N encrypted blocks, C1. Also, a container with hand hole reinforcement provided by the partition set. The fixing strap and the auxiliary fixing strap are connected with each other in a vertical direction by a bent piece. The reference sample ions are introduced to and trapped in the ion trap. The optical bodies are generally constructed such that the at least one of the L\*, a\*, and b\* color scales of the polymeric core differs from the L\*, a\*, and b\* color scales of the metallic layer.

1459827589-20126de7-f31e-4ded-8cbc-ab20645acf24

A mode-locked laser employs a coupled-polarization scheme for efficient longitudinal pumping by reshaped laser diode bars. The device also repairs those leaks with an on-board repair component. Each branch instruction is identified and evaluated to be one of true and false. The server stores the data and transmits the data to a data processor.

1459827589-884b7fd1-c61f-4255-acfd-a25dcf8a8019

An exhaust arrangement for a multi-cylinder internal combustion engine of a vehicle which has a row of cylinders. The discontinuities can be longitudinally extending

strips of material in the cable jacket. The second data processing unit stores the personal data of the new member in correlation to an existing member when the existing member confirms the new member. The insulating housing includes a base portion, a tongue portion extending forward from the base portion and passageways extending in the base portion and the tongue portion to receive the terminals. An environmental sensitive electronic device, a display apparatus, and a manufacturing method of a barrier functional film are also provided.

1459827589-cad16a32-de4c-4a68-afd9-2895034c2915

A film treatment device has a cutting device for cutting a plastic film web. The spiral-starting portion of the centrifugal wall comprises non-stepped portions formed along curves of 1-1 and 2-2 respectively, and a stepped portion formed along a curve 1-2 that provides a thickness increase area encompassed by its upper-side curved surface and its lower-side curved surface. The jaw extension members also include an outboard end.

1459827590-126b4454-88e5-4caa-9d3d-bc95cda67c17

A system for acquiring digital images for a device having an integrated camera includes an Application Program Interface. The pipe or liner has enhanced resistance to the permeation of hydrocarbons relative to polyethylene. By controlling the position of the tape guide, the tape can be caused to move a direction perpendicular to the primary direction of travel of the tape.

1459827590-2f91ca3d-2f44-4f03-b091-37610fe0c52a

A color filter substrate including a substrate, a black matrix layer and a color filter substrate layer is provided. The image is provided to the client device, the image associated with a first geographic coordinate. 5 to 20, and \u2014Y represents a hydrogen atom or a cation, selected from the group consisting of an alkali metal, an alkaline earth metal, ammonium, an alkylammonium, an alkanolammonium, and a glucammonium. Furthermore, the breaker units positioned at the two ends are connected linearly to each other by a communication bus. The shared scan cells are coupled in series.

1459827590-31946371-662d-470f-9b34-b1ef1f533038

The invention discloses a wastewater ballast method that includes the steps of collecting wastewater, treating the collected wastewater, storing the treated wastewater, and discharging the treated wastewater during ballast operations. In the case of producing the crosslinked acrylic moisture absorbing fibers by applying a crosslinking treatment and a hydrolytic treatment to acrylic fibers, acrylic fibers made of a copolymer containing from 1 to 5% by weight a comonomer having an acidic group as a comonomer component are used as the raw material fibers to be treated. Each of the plurality of ballast holders is connected to no more than four panel support members, each ballast holder perpendicularly connected to one of the upright portions. In one example, the cached entities are session locks and the object is a file system object.

1459827590-e99192a9-44d3-4a61-99ac-13a208781d4a

A touch screen driver that can be used with a resistive touch screen includes an input/output module that supplies at least one input signal to at least one of a plurality of input/output ports of the touch screen and that generates at least one output signal, in response to the at least one input signal, and in accordance with at least one control signal. The display module has a polarizer. The spectral filter assembly permits a very high degree of elastically scattered light rejection and excellent stray-light reduction and management, while permitting a high level of optical throughput to maximize the signal of the weakly scattered Raman signal.

1459827591-0058da45-03ca-4b19-85c9-70056ede002f

A plasma etching apparatus for etching semiconductor wafers. According to one aspect, the architecture enables wire-speed execution of any Packet Handling

application, at any packet size. Alternatively, the trays can be positioned as components of the green roof system, filled with plant growing medium, and planted following their installation. The first error syndrome can be used to check the integrity of configuration information during subsequent error checking.

1459827591-4e7add10-a7a5-42b1-93f4-67a72b2fb95e

Various techniques for manipulating data using access states of memory, access control fields of pointers and operations, and exception raising and exception trapping in a multithreaded computer system. The surgery automatic suturing and knot tying apparatus comprises a positioning board, a threading module located on the positioning board, and two thread drawing modules and two needle threading arms located on the positioning board. If the destination port is not capable of receiving data, the transfer controller waits until said destination port is capable of receiving data.

1459827591-c3e42b62-086d-49fa-a6b3-29c6f856dc60

A method and apparatus for providing load balancing of subscriber session in a multi-slot gateway employing utilization counts are disclosed. The pipe may include a plurality of spray delivery devices to spray cooling fluid from the pipe to the inside of the wedges. Accordingly, the present invention reduces the frequency of breakdown or malfunction of the switch units and increases the using period of the switch units. The sintered supporting layer has a plurality of posts arranged in the flattened pipe to vertically support therein. A non-application server specific MBean exposes a set of attributes about the application to the sub-agent and hosts the non-application server specific MBean in a dynamic MIB. The engagement member 21 can be removed from contact with the spool 11 by sliding against the biasing effect of the legs 24 so as to engage with a step 27 in the elongate opening 20.

1459827591-ee171a18-7bf4-410e-90d5-71c72918785e

An apparatus method may comprise, a multi-layer reflecting coating forming an EUV reflective surface which may comprise an inter-diffusion barrier layer which may comprise a carbide selected from the group ZrC and NbC or a boride selected from the group ZrB<sub>2</sub> and NbB<sub>2</sub> or a disilicide selected from the group ZrSi<sub>2</sub> and NbSi<sub>2</sub> or a nitride selected from the group BN, ZrN, NbN, BN, ScN and Si<sub>3</sub>N<sub>4</sub>. The support portion extends along a principal axis thereof. The rigid connection member provide an interface between hoses disposed inside the patient chamber, and hoses disposed outside. Then, the measuring results are corrected with corrective values. The method includes applying a relatively high pressure, in addition to a relatively high temperature, to cure the adhesive material. Preferably, the combination of and provides a synergistic effect.

1459827592-6818a531-815a-45c0-a6f1-5aa0bf0f94cd

A method includes determining a position and length of a non-zero run in a row of a pixel map. In one embodiment, the information that is collected is defined by a configuration file. The closing system has a clamping mechanism housed inside a body that can clamp a bag placed inside the body with the opening of the bag disposed about the clamping mechanism. Retention members, operably engaged with each of the first and second portions and spaced apart about a laterally outward surface thereof, are adapted to engage the body, after insertion of the collapsed assembly, second portion-first, into the cavity, and subsequent lateral expansion of the first and second portions, so as to retain the assembly substantially within the cavity.

1459827592-785db038-d8f1-4495-890e-cce3d261685e

A data model for navigating data. The holding apparatus is slidable upward and downward along with the spindle of the EDM and maintained within the midsection of an electrode tube for reducing the deformation of the electrode tube during its movement. The toggling of the flip-flop is controlled by comparing the capacitor voltages to the reference voltage, such that the toggle frequency is proportional

to the time charging the capacitors. Thus, a board is connected with the connector at four corners of the board, and the first unit has long connecting slots that are used to circularly form a square frame.

1459827592-a56df18d-f541-4c9a-9e80-e0a000d9fc1f

A method of determining a location of a network condition within a wireless mesh network is disclosed. The system includes a pair of superimposed antenna radiating elements, each of which is connected to an associated feed network. A second capacitive insulator on the second semiconductor substrate electrically isolates the primary and secondary side circuit while permitting signal transmission therebetween. A determination is made of whether the particular trading order is an outlying trading order by determining whether the particular trading order differs from at least one comparison price by more than a threshold value.

1459827592-b3259792-fbf2-4dcf-8a6d-c57bc5354535

An object of the present invention is to provide a liquid crystal display device making it possible to lower the power consumption thereof when a still image is displayed. The impedance control circuit includes an impedance comparator which is formed equivalently to the resistive element and the plurality of sets of circuits, and which performs an impedance comparison with each of a plurality of replica circuits to form an up signal that increases the impedance and a down signal that decreases the impedance. The mobile device may be localized without information regarding the positions of the magnetic signal sources. Intermediate voltages that lie between the ground voltage and the base potential can be tapped at respective node points between each two immediately adjacent Zener diodes. A single measurement point on the outline of one spark gap definition portion is selected as a reference point.

1459827592-c81cfd1e-120d-4a36-bd18-2a82129d898a

A method for controlling a hybrid drive of a vehicle is described, the hybrid drive including as propulsion motors an internal combustion engine and at least one electric motorgenerator, and the output shafts of the propulsion motors being operatively linkable to a power train of the vehicle. The solder jet apparatus is a continuous mode solder jet that includes a blanking system and raster scan system. A yoke layer is disposed in contact with the above-described main magnetic pole layer, and the width dimension of the yoke layer is increased stepwise or continuously toward the rear in the height direction and the width dimension is increased stepwise or continuously from an upper surface toward a lower surface.

1459827593-024714eb-e977-4045-a2ef-db5620f69dc1

A radial type light-guiding plate comprises a light source, a light-guiding plate, and a reflective component. The component-specific configuration data is extractable and processable at each component receiving a broadcast of the distributable multi-component configuration file. When a current value of one of the hoisting machines reaches a current set value, which is set in advance during acceleration of the car, the elevator control device applies the speed command for that one of the hoisting machines, whose current value has reached the current set value, to the other hoisting machine as well. The actuation handle serves to release the striker assembly from the latch mechanism and also to allow the first and second striker bars to toggle between the first and second latched positions. A light guide with a body that, in a preferred embodiment, is cup-shaped as shown in FIGS.

1459827593-91787079-7852-40a6-a89e-d69af7731ec1

This disclosure presents an application model generation device and method based on hierarchy structure. The form is rendered in accordance with the data and user interface elements of the loaded form template. This improves fuel consumption by simplifying the oil supply passage of the cylinder head, reduces power loss of an oil pump, and decreases the size and weight of the cylinder head.



1459827593-a166233b-1a94-488b-8d08-7a377b797f05

A well system can include an accumulator in communication with a wellbore, whereby the accumulator applies pressure to the wellbore. The signal beam impinges upon the object and reflects back toward the beamsplitter. To produce a specific output document, a particular workflow template and selection parameters are input.

1459827593-f02f65ff-35df-4b4f-8bb6-9c184ef1d92f

The invention provides a sensing system for a self-service terminal and a media cassette for use in such a self-service terminal. The inner sleeve is located in the outer housing. Second data are obtained on the basis of the front surface shape data obtained through the first measurement operation and the back surface shape data obtained through the third measurement operation. A torsion adapter may also be used to attach a prosthetic foot of the present invention to the remainder of a prosthesis. The NAND string includes one or more memory cells, a first selection transistor coupled to the memory cells, and a second selection transistor coupled between the memory cell and the first selection transistor, wherein the second selection transistor has a process defined threshold voltage. The vibrating arm transmits an energy beam, and a laser incidence area where incidence of the energy beam to the inside of the vibrating arm is allowed, is disposed in a position of the other main surface on the opposite side of the vibrating arm overlapped with the second weight portion.

1459827593-f264cbf1-25d6-4003-bca6-7b9f9274eeb2

An apparatus and method are provided for reducing the width of a plurality of longitudinal slots or other openings spaced circumferentially around a slotted tubular member. The timing control circuit controls the IO switch timing signals that each IO switch timing signal remains activated until associated one of the plurality of banks gets out of a row active state after once the each IO switch timing signal is activated. In particular, GGP can be used for the treatment of wrinkles, fine lines and visible discontinuities of skin, for the treatment pigmentation disorders.

1459827594-0943593b-276f-4ec8-bae4-864af0aca399

An improved process for providing an individually customized fresh brewed coffee beverage on demand by a consumer, in a wide range of variety and strength. The pushbutton is shielded by way of a rotatable collar that extends over the pushbutton and shields the pushbutton, so that a thief may not defeat the pushbutton lock mechanism by attempting to rotate the pushbutton in order to allow operation of the latch mechanism. The image compression apparatus performs image compression with a first segmentation for a first plane set that includes at one bit plane in block image information in the original image information. The display trolley assembly and display module are configured for during ejection and retraction in a blade enclosure so that the display module folds flat and retracts into the blade enclosure to reduce damage during shipping.

1459827594-be92d0cd-6ac7-4296-bc86-0116097c7496

Provided herein are systems, devices and methods for the correction of spinal deformities with the use one or more implantable rods configured to apply a corrective force to the spine. The actuator can include a button and a spring coupled to the marker. The modulation at frequency  $f_{mod}$  shifts the signal to side bands about the modulation frequency. The compressed high-humidity air and the regenerating air are guided to dehumidifying-and-regenerating components of the dehumidifying-and-regenerating unit by a shunt rotor of the air distribution unit to complete the dehumidification of the compressed air and the regeneration of the dehumidifying-and-regenerating components. The wires are guided towards one another, by way of the torch tubes, wherein at the outlet and in the region of the electric arc, the electric arc of the electrodes wires, which is arranged in the contact region of the wires, is arranged in the region of the flow of the

discharged process has, referred as the main gas arranged transversely to the main transporting direction of the wires. Each of selected ones of the elongated elements comprise a first conductive element.

1459827594-c5619fc2-de26-4881-a3e0-16b5c8694cdd

To provide a mobile communication system capable of easily performing selection of an optimal transmission mode. In forming the capacitive element which uses a polycrystalline silicon film and the tungsten silicide film as a lower electrode, the tungsten silicide film is re-crystallized by heating using an RTA system before forming a silicon oxide film used as the dielectric film. A vertical stem is in contact with the semiconductor layer through the window and a ledge is a lateral epitaxial overgrowth of the vertical stem on the insulating film. Eventually, a particular change record is located which contains a complete copy of the data object. Fluid storage and dispensing systems achieve zero or near-zero headspace character, and prevent or ameliorate solubilization effects in liquid dispensing from liners in overpack vessels.

1459827594-ffdc77aa-bd3a-445b-9675-947f443686ea

This separation wall for an aircraft cabin comprises: a rigid and fixed vertical panel, a section movable between an opened out position in which the movable section projects beyond the contours of the rigid and fixed panel and a retracted position in which the projecting portion of the movable section is retracted at least partially in relation to the contours of the rigid and fixed panel. The thickness of the speaker is minimized while maintaining the sound quality and increasing strength. In accordance with one method, a request is received to display object information from different network resources. If exchanged account information is changed in one relay server, the account information after the change is notified to the other relay server. The machine enables a method of cutting rumble strips close to obstructions on narrow shoulders while driving the machine in the direction of moving traffic. Wagering game developers can reward users who create the most popular wagering games, and develop proper versions of these user-created wagering games for deployment in wagering game establishments.

1459827595-ec4f79c8-7abe-4428-bbdf-1b079aa36368

A conjugated polymer compound is disclosed. Impurities left remaining in an oxide semiconductor layer are removed without generating oxygen deficiency, and the oxide semiconductor layer is purified to have an extremely high purity. the number of alarms of fixed targets erroneously declared as moving targets in the radar images of two- or multi-channel MTI radar devices, wherein the suppression of fixed target echoes over the moving target echoes within the main antenna lobe occurs through a space time adaptive processing STAP filter. As the pump body fills with liquid condensate, a high liquid level position will trigger the respective pump mechanisms to allow motive gas into the chambers, pumping the liquid out of the pump body. A sealant surrounding the blocking dam and having a third height is formed. The deposition film contains sulfur in a range of not less than 1 mol % and not more than 5 mol % as a ratio to carbon.

1459827596-2287ffaf-3305-4d0a-be87-7bb6f4d4bcfe

An electrical connector has an insulative housing and a plurality of subassemblies. An enhanced irrigation system which is adapted for disinfecting agricultural irrigation water system-wide includes apparatus for continuously feeding chlorine to the irrigation system and apparatus for monitoring residual chlorine at an outer field point for the purpose of achieving chlorination disinfection system-wide. The desiccant reversibly absorbs moisture, and in response thereto, heat is released and absorbed by the desiccant to effect a thermal management of the roof system. A second transistor has a gate coupled to the first word line.

1459827596-7bbc812e-ee70-4712-bafd-17875f5bbefe

A server system receives messages from client computing devices. Nervous states

enforce locking of selected information based upon the confidence of the security of the information under sensed external conditions. If the download is interrupted, the system uses the recovery state information to resume the download at an efficient location in the data stream.

1459827597-4671b6b6-c910-4625-8c66-43084f0c75cb

A photomask having a machine-readable identifying mark and suitable for manufacturing integrated circuit devices and a method for forming the photomask and identifying mark are disclosed. The method involves connecting the USB Flash Memory device with the data processing system and storing the driver of the USB Flash Memory device in the BIOS of the data process system. , they produce an opposing torque or force when angular displacement or translation is applied upon them, due to shear stress developed within their elastomer parts. A vacuum pump creates an air flow that flows from the gap between the suction hole and the mounting side surface into the suction passage through the suction hole. In various embodiments, for slots of the first type, broadcast transmission requests have priority over peer to peer unicast transmission requests.

1459827597-a47f3e47-3ebb-4457-96cf-9a4e26666470

A transceiver includes an optical waveguide and a first filter optically coupled to the optical waveguide and operable to filter a first optical signal in a first wavelength band propagating downstream. The transmitting path further comprises a first transmission protocol path and a second transmission protocol path configured to receive a first data signal and second data signal, respectively, from the DAC. An activation unit, which is driven at lower power consumption than the measurement sensor, activates the control unit when a physical quantity having a correlation with the physical quantity of the measurement target has satisfied a given activation condition. An optimal selection of final pairings is based on the relative values of the pairing metric and other priority conditions which may include quality of service requirements.

1459827598-6f5376d2-f17c-4bc2-9d25-bb85e1c0b9f2

A converter having an exterior shell with a central axis, at least one gas inlet and at least one gas outlet. The correlation estimates may optionally be improved using pilot symbols for a plurality of antennas and for a plurality of pilot signal ports, and across a plurality of subframes. A plurality of fixture blocks is provided, with each fixture block having a hole therein and including a plurality of striations for cooperatively engaging the striations in the lower flange of a deck slat. A sidewall is disposed generally along at least a portion of the perimeter and has an edge for engaging an external mounting surface. In one embodiment, speed is improved by utilizing a parallel loaded buffer register which receives parallel data from the high speed shift register and holds that data during the write operation, allowing the shift register to receive serial loaded data during the write operation for use in a subsequent write operation. The inventive process comprises the step of contacting a calcium carbonate containing mineral powder with a solution or emulsion or dispersion of a binder.

1459827598-c27d8d8a-6662-4523-baad-0dbbc78a153a

A device for conveying packaged goods and/or bulk goods from and/or into a transport device includes a boom. The first drive unit is operated so as to cause the first transmission member to reciprocate, thereby causing the ejector pin to reciprocate. An incrementing mechanism using the \u201ctime stamp\u201d indicator generates a tweak which separates different contexts over different times such that the effect of \u201cType 2 replay attacks\u201d is mitigated. In another aspect, the methods comprise assaying for the presence of elevated levels of an antibody that binds to or is immunospecific for a CEP adduct in the bodily fluid of the test subject. The collector rings are made of dissimilar metal materials respectively. It further relates to an article comprising said composition and a method of removing target metal-ions from an environment comprising contacting the environment with said

composition.

1459827598-c416e4f3-21d1-49dc-9abf-bc1397c197ed

A control circuit and associated method for dynamically controlling power to one or more heating elements are provided. An optical connector is provided with a splicing section for securely supporting an incorporated optical fiber securely supported at a ferrule and an optical fiber of an outside optical fiber cable in an end-abutting condition. The bone plate has a flat portion for engaging a second bone segment and a barrel portion having an internal bore for slidably receiving the lag screw. In another example, the magnetic field can be rotated. An isolation barrier hermetically seals the fuel injection pump from the engine. Separating the chain module into module members and linking the module members together by linkages distributes the chain tension across the width of the chain module, and thus the hinge pin joining adjacent chain modules.

1459827599-7644fc72-124f-43f1-b35c-23715a8d41f0

Apparatuses and methods for manipulating droplets on a printed circuit board are disclosed. A base member of the mechanism is fixed to the apparatus body, has side wall sections at both sides, and has a linear rail extended along the pulling direction and at least one circular rail extended from the linear rail on each of the side wall sections. When the outputs of both of the data judging units are different from each other, a signal Early indicating that a clock phase is too early or a signal Late indicating that the clock phase is too late is outputted. Experimental results show that we have modified the precursor in such a way to reduce gas phase component of the deposition when compared to the unmodified TDEAT-NH<sub>3</sub> reaction.

1459827600-40e6666b-46b4-4a4e-87a4-9b5fd8911ba9

Drug delivery compositions for specific delivery of a drug to a tumor are described. Examples of methods include methods of water-wetting an annulus in a subterranean formation having an oleaginous-external-aqueous-internal fluid disposed on at least a portion of one or more surfaces of the annulus. Preferably a securing mechanism holds the exhaust stack pipe in proper orientation with the muffler stub pipe. The purge trough extending axially toward the suction side of the airfoil, aft of the leading edge, to channel a purge flow.

1459827600-7d7fffd4-ad89-47b6-a8b1-73ea97b56453

An apparatus and a method for measuring signal decay of a magnetic recording medium using an approach in which a control track and a track of interest are located on one track are disclosed. In particular, the present invention relates to a system that integrates digital video content with object-oriented script to provide object specific marketing, including potential channels of distribution, such as internet shopping. The system also includes unicortical screws having a reasonably large head adapted to seat against the outer surface of the bone and a threaded shaft adapted to engage in the screw holes, and pegs adapted to engage in the peg holes. The gateway transmits the packet from the physical interface on the Internet side to the Internet. The at least one MIM capacitor is fabricated on at least one of a face of the first integrated circuit die and a backside of the second integrated circuit die. In this manner, the integration of a semiconductor device can be improved and an area occupied by the semiconductor device can be decreased without causing degradation of junction voltage resistance and increase of a junction leakage current in the semiconductor device.

1459827600-bc9ac42f-b602-4d1a-96b0-487bd5d73959

Compounds are described that are active on PDE4. A system and method can provide for the storage of volatile memory contents of an application upon shutdown of a mobile device, and restoration of the contents upon startup. In order to reduce effects from drift, the reference image is at this time measured within a shorter time than the essential observation image. Apparatus for and a method of printing

books on demand with such double laminated covers is also disclosed.

1459827600-efa72b99-f896-4550-9942-d5db86ce1b07

The problem of the present invention is to provide a carbazole derivative which has an excellent heat resistance and can be formed into a film without crystallization. An air flow sensor is associated with the main body and configured to measure the air flow created by the patient's one of at least inhaling and exhaling air. The structure type of the second zeolite is different from the structure type of the first zeolite. The pair of semicircular beams is pivotally attached to the top and bottom braces in which the pair of semicircular beams defines a perimeter of an imaginary sphere between the top and bottom braces in which the semicircular beams are locked in place to the top and bottom braces with the pair of bolts and nuts. Preferably, the dose of drug is administered at dinnertime to a patient in the fed state.

1459827601-dec0dfa2-eb2d-4924-b2ac-0b9aa486b24a

Disclosed is a skin treatment device for personal use. The system includes a power circuit configured to provide power. Based upon determining that the wrap number stored in the trace block is one less than or equal to the master wrap sequence number, the method includes reserving space in a buffer associated with the trace block and storing the wrap number stored in the trace block as an old wrap number and incrementing a use-count of the trace block. The two pressure drop values are compared, and once occlusion is detected, an alarm is generated, and the ventilator responds to protect the patient from over distension. The energy or power in each frequency bin is then multiplied by  $f_n$ , where  $f$  represents an estimate of the frequency of the bin, and  $n$  is an exponent which is used to normalize the frequency content of the data. Other aspects and implementations are contemplated.

1459827601-eeec383e-6a8d-4ca0-93b6-3c8060e367c6

An active matrix substrate includes a gate electrode, a gate insulating film, a semiconductor layer, a source electrode and a drain electrode, which are sequentially deposited on an insulating substrate. A flow structure is at the bottom surface. At least one coupling is between adjacent stator segments and shaped to allow movement of adjacent teeth in a so-called loose tooth design. Accordingly, the cooking apparatus can be easily designed.

1459827602-0a978ae1-a829-472d-98a9-9abfe7334669

Provided is a photodetector that detects missile launches from an above-flying surveillance platform through clouds. A page of data of the memory block having a first address is replaced responsive to a generated multi-page copyback program command. The displayed patient information includes scheduled medical procedures for each patient and a visual cautionary indication in a consistent position relative to each patient in the worklist for whom cautionary information is stored. In one example, a potential torque increase at high speed and low airflow that may be caused using electronically actuated valves is compensated for using multiple paths of the transmission.

1459827602-f3c02457-6900-493e-8a97-5c0be13c166d

The present invention relates to a fresh gas supply system for an internal combustion engine, in particular of a motor vehicle. This is achieved by providing for channel assignment messages to be sent over the paging channel of a plurality of base stations, which increases the probability of one of the messages getting through. The surface of the front panel 2 is provided with an exterior sheet 4 covering the touch panel 3 in the recessed portion 24. Therefore, the sub-bobbins are mounted in two extended assembling troughs of the main bobbin, the first coil is wound on the primary winding area at the outer side of the main bobbin, and the first coil is separated from the second coils not only by horizontal distance but also by the assembling troughs.

1459827602-f47285dc-a8da-4cea-ab3f-cb2e01cbc5b1

A method for is provided forming a thin-film transistor on a flexible substrate. The shell may cover the entire inner face of the patch, or a substantial part thereof, and a peripheral edge of the patch and the shell cooperate to form a flush interface with no sudden surface steps on both interior and exterior surfaces of the implant. The multi-heel connector is adaptable for accommodating a riser key to adjust the rafter contact surface pitch, and a joist spacer to accommodate a joist having a cross-section smaller than the multi-heel connector loop portion cross-section. The method can further include comparing the natural frequency of the contact element to a predetermined frequency limit to detect a defect. A no hinder turn restriction may be combined with or may replace other types of turn restrictions and may be utilized for both left and right turns and for streets with single or multiple lanes.

1459827603-1f00ea16-1962-4f23-b139-eebadad4ac60

A method of displaying heterogeneous information includes executing an application program to process one or more activities. The subject polypeptide and nucleic acid compositions find use in a variety of applications, including research, diagnostic, and therapeutic agent screening applications. The outer faces are returned in to a position of minimum distance between these faces by return means, when the fluid feed to the expandable chamber ceases. Further described is a method of performing maintenance on a wind turbine, including the steps of halting a rotation of the shaft, operating a lifting arrangement to raise the shaft, and removing a bearing pad of the wind turbine main bearing from the bearing housing of the wind turbine main bearing. Third, an incremental portion of actual subsurface illumination is generated using the incremental portions of actual survey data, to incrementally generate actual subsurface illumination at the data processing location. Such lithographic apparatus is in particular suited for the streaming of subsequent double exposure jobs.

1459827603-587c5e85-3ea6-4a27-828e-010ed2f6a9a1

A process whereby scrambled data of the stream are, in parallel with their recording, descrambled so as to extract therefrom additional data corresponding to information required by at least one function of the special mode or \u201ctrick mode\u201d. The radial configuration includes a graphical timeline spirally disposed about at least one axis point in the graphical user interface. The portable phone sends a re-size instruction to the digital still camera.

1459827603-6ed74fba-82d4-4b6b-8d0c-11d41f844b2d

In an audio-information encoding apparatus, in order to encode an audio signal containing a white-noise component, an index  $i_L$  indicating the energy level of the white-noise component and an index  $i_R$  designating the start index of a random-number table are introduced into a code train. The method uses a complement states grouping technique that comprises the steps of finding the state distances between complement states; forming the reduced-state trellis by grouping the complement states with state distance no less than the minimum free distance; and by keeping the complement states with state distance less than minimum free distance unchanged. This process can be carried on throughout a hierarchy of windows as the user browses for a destination window for the drag operation. The system also computes and displays object trajectories from the computed flight characteristics which account for the characteristics of the object and the atmospheric conditions.

1459827603-ef7b25dd-6b32-448c-ad67-9aa2b1445152

A system, method, and apparatus for the authentication of the physical location of a target node are disclosed herein. The apparatus includes a portable housing configured for standing on top of a flat surface and a window on the portable housing. The surface of the optical path control sections 31A comprises first to M-th planar portions 32A1 to 32AM. In another embodiment, the oysterbreak comprises a plurality of growth layers of regular polygonal-shaped members made from a material

capable of inducing aquatic sessile organism attachment and growth that when stacked, form a relatively portable, breakwater module. Additionally, image pickup control unit 37 switches sensor control unit 31 to the still image shooting mode while mechanical shutter 21 is closed. The present invention is useful for biomedical diagnostics, chemical analysis or other evaluation of the target sample.

1459827604-3fa5eebb-72da-464f-ab15-67894fb833a6

The invention relates to an arrangement and a method for the identification of parameters in a nonlinear model of an analog-to-digital converter and the use of this information to reduce the nonlinear distortions of the ADC. The plurality of spread-spectrum signals are radiated by a plurality of antennas, with each antenna preferably spaced by one-quarter wavelength. Each data processor in the first set can authorize access to file systems directly accessed by more than one data processor in the second set. , based on GPS or other location data. A contact sensor is also included to indicate when the optical navigation device is no longer in contact with the transparent layer.

1459827604-4ac2a99f-bc11-455d-9f23-d05fcf84950a

Flexible polyurethane foams are prepared by reacting organic and/or modified organic polyisocyanates with a polyetherol mixture and, if required, further compounds having hydrogen atoms reactive toward isocyanates, in the presence of water and/or other blowing agents, catalysts and, if required, further assistants and additives, by a process in which the polyetherol mixture consists of. The operating point data includes a first voltage at which the microprocessor may reliably operate at a frequency and at a first temperature, and a second voltage at which the microprocessor may reliably operate at the frequency and at a second temperature. Each of the plurality of display surfaces may face a different direction. The security status determines the security level of operating the computer system. Recycled glass is reformed to provide glass microspheres of sufficient quality for use in a projection screen. After receiving the wager input, the objects to be revealed are randomly selected.

1459827604-53cf4ed3-82c2-4b1b-adbe-aacdd8f0eaa0

Ridge vents and methods of their use are provided. Each player is dealt seven or eleven cards, all concealed from view with only one card revealed during play. Further, the inventions relate to compositions and methods for delivering active ingredients simultaneously with a top dressing composition to golf course turf. The control circuit generates a current able to reset the magnetic core of the reactor. Movable contacts corresponding to fixed contacts formed on a printed circuit board are formed at the tips of the first and the second extending portions. The end-effector is comprised of: a micropump fluidly coupled to a microtube; a piezoelectric sensing structure disposed in the microtube; and a processing circuit electrically coupled to the sensing structure for determining the force of the fluid flowing through the microtube.

1459827605-01650db2-19d1-416f-be79-ca9e690796bf

A switching signal input device for use with an electronic apparatus is provided. Light is captured by at least one collector. The method then compares a first address, incoming at the input and associated to an information packet, with said first set of numerical strings according to a longest prefix match criterion and using a binary search for performing the comparison. Upon re-pricing the leg order, one or more additional queue holder orders will be placed in the market. At the first EDF gain section output, the combined amplified signals and residual pump signal are decoupled, the amplified signals being attenuated in the VOA while the residual pump signal being routed around the VOA. The object of the present invention is to suppress a dew condensation at the first evaporator to prevent a freeze of the dew condensation water even if the temperature of the air for air-conditioning introduced from the outside of the vehicle is low.

1459827605-93efdaef-c070-4a1e-89c6-9561cfa3ff88

A film storage unit is disposed vertically above a film transfer cylinder, and an unwinder device and a rewinder device are disposed vertically above the film storage unit. The shell includes an end wall defining a receiving slot and a sidewall perpendicularly extending forward from a side of the end wall. The line neutral conductor is connected to the line ground conductor at a termination point in the electrical distribution system. A mobile network access point is directable to within a communication range of the second communicator of the remote station when the remote station is outside of an existing communication range of the second communication network and the first set of signals includes a resource request for the second communication network. The second assembly module is operable to access the mailer template file and for each client and create corresponding client mailer data comprising the common data, the selected client account data specific to the client, and the advisement data and store the corresponding client mailer data for each client in a mailer file.

1459827605-c03ab09a-8377-4442-bb5b-23a74a55a6dd

A method and related system of filling therapeutic gas cylinders. Methods for making such devices are also provided. A set of predetermined possible synchronization patterns is detected in a received signal. Further, input is received from the first communication device over the short-range wireless network specifying a telephone number for a telephone call using the second communication device. The plurality of driving electrodes are formed on the other side of the one of the at least one planar piezoelectric layer.

1459827606-6e98d166-e63f-4c91-b0e8-5b9f9809e158

A receiver transponder to be used in an optical add and drop multiplexer connected in short haul type networks receives light signals from two opposite directions on input fibers. A waveguide according to the present invention includes a first conductive channel, and a second conductive channel disposed generally parallel to the first channel. Printed instructions can be included with the tray. The cooling-cleaning unit is used to supply a high-pressure gas, which flows through the distance measurement unit to perform cooling and cleansing operations.

1459827606-b6bf084b-157e-410a-ae5d-9d46f3126e63

A squelch circuit with an adjustable reference level, having an input level comparator with a first, a second, a third and a fourth current input terminal, a first and a second input terminal, and an output terminal. The system and method create a heuristically generated routing selection list based on a history of previous routing transactions. The reaction is promoted by a salt of formula  $MX_1-4$ , M representing a transition metal such as Zn or Fe and X representing a mono-anion, or by  $BY_3$ , wherein Y represents a fluoride or a phenyl group optionally substituted. A system control and debug unit and a trace cache operably connected to the system bus can be used to diagnose and store errors conditions.

1459827606-c5d61d0f-6329-40fc-8e3e-c3857faba95f

A potentiometer, used in particular as a position sensor or position transducer is disclosed, which has at least one wiper path and one wiper that has at least one contact element, resting with a contact face on the wiper path and electrically contacting the wiper path; the wiper and the wiper path are movable toward one another. A tube is pivoted to the pivotal block at a first end; the tube has a down facing cavity at a second end. The invention also relates to plants and varieties produced by the method of essential derivation from plants of DLL1344 and to plants of DLL1344 reproduced by vegetative methods, including but not limited to tissue culture of regenerable cells or tissue from DLL1344. Any node may have defined for it one or more actions which are triggered whenever the node is reached. An image data processing unit performs predetermined image data processing including processing of receiving for each pixel the 1-line output image data in the main scanning direction output from the preprocessing unit, and converting the image



data into binary data. The ignition element is embedded in the material of which the bottom wall is made.

1459827606-c9168897-67ee-4540-8b97-d3004d23d043

The invention relates to a hand tool machine with a torque limiter enabling a user to set a maximum torque which is transmitted by a motor drive to a tool carrier. The formatted text comprises at least one text sample having an associated text sample format description. The invention works in conjunction with a conventional reject pocket located further downstream in the note path for the collection of notes identified as rejects during the subsequent main detection function.

1459827606-fe4e5232-c9cf-4329-aa62-a71c2ff3902f

Reducing virtual memory power consumption during idle states in virtual memory systems comprising tracking the topology of the system memory by the system hypervisor and operating system running on any selected virtual machine hosted by the system hypervisor. In an embodiment, a method includes the steps of creating a list of requests issued by an application program, associating an indicia with the list indicating whether the list contains a request, querying the indicia to determine if the list contains a request, and adding a new application program request to the list when the indicia indicates that the list includes a request. The optical transfer function from the light source to the light detecting element is enhanced, and the efficiency in utilizing light is improved. The outer flow path may be configured to direct a flow of an outer layer around the inner layer.

1459827607-4d5ca9db-3f31-4f49-b4cd-b0e944bfe540

A method of analyzing nucleic acid sequence data produced by automated sequencer comprises scaling the data according to a map of relative heights of homozygous base data. In addition, a vent 34 is also positioned within the housing opposite the fill cap 38. The valve element has a piston which is reciprocable in a cylinder containing gas. Furthermore, when the fuel cell system is used at home, an additional space for installing the nitrogen container is not required and the fuel cell system can be easily installed. In another aspect, a process for forming the electronic device can include patterning an insulating layer.

1459827607-c00f4391-8e0a-480d-9ff6-509913065f15

This invention provides a novel processing technique from customer authentication to order price claim in online sales of commodities and the like. The invention also pertains to a method for the preparation of such an ink jet recording medium and to methods for the preparation of a coating composition and a dispersion useful in the preparation of such an ink jet recording medium. The base is made of a resin whose coefficient of linear expansion is adjusted in accordance with a coefficient of linear expansion of the semiconductor element mounted on the capacitor element. Further, fragmentation of the plant root material may be minimised. The particular user's responses to the set of questions are indicative of whether the particular user belongs to the group.

1459827607-e1eea10f-029c-4e43-9d1f-b38124ced89e

A lighting module for a vehicle headlight for producing a lighting beam of the type having a cut-off. In particular, the method according to the invention is used to match two telecommunication systems using different encoding methods between the transmitter and receiver. The compounds produced thereby are useful as thrombin receptor antagonists. If the statistical threshold is exceeded or the selected criteria is met, the current map may be abandoned in favor of a different map. The torque transmitting mechanisms are selectively engageable in combinations of at least two to establish at least eight forward speed ratios and at least one reverse speed ratio between the input member and the output member.

1459827608-867e180b-bae5-47de-b0c8-125ccbf94c67

\u2018LMV200\u2019 is a distinctive variety of *Lomandra hystrix* which is

characterized by the combination of an arched foliage habit and the presence of light yellow to green leaf variegation. A folded heat sink is attached to the exposed top emitter pad of the MLP by a soft solder attach process. The player's selection of which progressive award to play for is based, at least in part, on a relative probability of the player winning the selected progressive award compared to the relative probabilities of the player winning the non-selected progressive awards. In some embodiments, the energy transfer element transmits intense ultrasound energy in a frequency range of 1\201330 megahertz, and the fluid acoustically couples the energy transfer element to the bodily organ, and the fluid also cools the energy transfer element. The prosthetic valve assembly is compressible about a catheter, and restrained from expanding by an outer sheath.

1459827608-bf23ccd9-d7b5-4f62-ae13-2c04665196d1

A projector includes a light-source device, a discharge duct having an air intake port facing the light-source device and a discharge port, an axial fan mounted between the air intake port and the light-source device in an outer casing. Designing the mask can be costly and time-consuming, which means that the testing of a circuit involving a transistor can also be costly, time consuming and a barrier towards efficient circuit development and testing. Additionally flexibility according to the device design requires that the nanowire at the substrate may be either InN or GaN. The noble metal particles are carried by the second particles in a larger proportion than by the first particles.

1459827608-fbf3a576-0733-4c2d-bbb1-4368be39c62d

A system and method for providing an input attribute collected in an area while harvesting a crop from the area is described. In an embodiment, a circuit includes first and second samplers to sample a data signal and output data and edge information in response to a data clock signal and an edge clock signal. The side panel web is attached to the chassis web and has fasteners thereon. When a predetermined number of whitened symbols are accumulated for one of a plurality of gain configurations, an arithmetic mean is calculated and used an offset value. The modified exchange key is then encrypted using the content key to render an encrypted modified exchange key, and the encrypted modified exchange key is then hashed with a nonce to render a bus content key. The tread belt has at least a pair of belt layers, and one layer comprising inextensible reinforcing cables inclined at substantially zero degrees relative to the circumferential direction of the tire assembly.

1459827609-566a2a7e-7df3-46b8-a5dd-a68bc809147e

A fastening element is adapted to cooperate with a tie member to exert a compressive force on first and second components. The spinal implant defines a first transverse dimension and a different second transverse dimension, and is initially inserted into the intervertebral space while in a first operational configuration wherein the first transverse dimension extends along the height of the intervertebral space. The hydrofoil may have various configurations and be detachable, while the motor may be electric and have an associated battery that is situated underwater in use.

1459827609-84eddbba-1e50-4c28-81f3-ab98a1b834e5

An exemplary light emitting diode assembly includes a cover, a substrate, a LED unit, a first electrode terminal, and a second electrode terminal. The light-emitting units are arranged with the light-exiting surfaces of their respective lightguide plates being substantially flush with each other. Electrode surfaces are in metallization layers among the ceramic layers. A pair of actuator assemblies is rotatably couplable to each of the mounting brackets. The apparatus includes a monitoring unit that may be mounted on the water heater, and a display unit that may be mounted either on the water heater or remotely therefrom.

1459827609-de925071-250d-4e6d-8403-8a24a2180592

The multifunctional portable pneumatic exercise device is a muscular exercise and training device that may be used for a multiplicity of exercises and with a wide variety of muscle groups. The method comprises creating a node for recording a current radio access technology that the client uses for communicating with a core network of a wireless communication system in a management object tree corresponding to a workflow for the device management. The method includes: instructing the second repeater to cease issuing transactions to the first repeater; synchronizing an arbiter within the second repeater with an arbiter within the third repeater; instructing the second repeater to begin issuing transactions to the first repeater; and instructing the third repeater to begin issuing transactions to the first repeater. To improve the corrosion prevention properties and the durability of the surface protection, an end region of the pressure tube which starts from the piston-rod-exit end side is excluded from the surface protection.

1459827610-420bfe4c-29cc-439b-81d8-7495a02e3e1c

A method of forming a metal wire in a semiconductor device includes performing a first etching process on an insulating layer formed on a semiconductor substrate to form a trench and an insulating layer pattern, the insulating layer pattern defining the trench. The second end portion of the braided aluminum lead wire is joined to the magnet wire after the step of brazing. The supplemental gutter support bracket also requires no additional mounting points to the eave or gutter while remaining invisible to the viewer on the ground after installation.

1459827610-6467583d-790e-4f00-8797-262e8c529705

A power transistor is arranged between an output terminal and a power supply terminal. The output spectrum of the semiconductor laser is narrowed and stabilized by an internal grating to provide high spectral brightness. The tachometer reading unit includes a register configured to store a value indicative of a maximum stretching duration. The mobile body is a trolley or cart for negotiating an aircraft aisle. The exterior framing in total defines an integral launch box for the jacket. Portions of leads 3A, 3B protruding on a reference surface side are placed on one side surface side of the heat radiation block 2 on which the semiconductor laser chip is mounted.

1459827610-66e85a1e-77e1-4ad8-a45d-5ee2c4caa0d4

An automated system for continual transdermal extraction of analytes present in a biological system is provided. If a device is properly configured, operating the device in a transmit-mode to transmit functional operability data. The output device mixes the audio signal component having the frequency characteristics corrected with an audio signal of the right channel and an audio signal of the left channel to generate mixed output audio signals, and outputting the mixed output audio signals as a right channel output audio signal and a left channel output audio signal. The second segment size represents a maximum segment size that can be transmitted. Also monitored are the data replication activities in the network. One embodiment of the invention relates to the deletion of the transmitted image data.

1459827610-c562d7b9-6429-4727-a5d4-b38358428620

A process including: magnetically energizing susceptible magnetic particles; and accumulating the resulting terahertz lasing mode output of the particles. In this way, a user can quickly see the watch face in the proper orientation so that the time can be quickly and correctly determined. The metrology arrangement comprises a reference element, the reference element being mechanically connected directly to the first imaging arrangement component. The apparatus may include systems for gas pressure sensing; chamber pressure equalizing; and microprocessor control, for controlling the displacement of the diaphragm and the pressure equalizing device by a signal input from the pressure sensing device. The revised, and more accurate, transcript may be used to train the acoustic model, thereby producing a better acoustic model than that which would be produced using conventional techniques,

which perform training based directly on the original non-literal transcript. The second MTF is an MTF at a spatial frequency of  $\frac{1}{2}$  of the Nyquist frequency.

1459827611-196446af-8899-4158-8efe-96d1b427f08f

An apparatus includes an antenna having multiple conductive portions. A network, network device and network server that can implement various aspects of this method are also disclosed. The second semiconductor region is disposed on a bottom part of the gate trench, and is surrounded by the drift layer.

1459827611-98cfd4a4-8204-49a0-ab74-b7fb7da7a99e

A vehicle trailer backup assist system and method includes a hitch angle detection apparatus and a target monitor controller. The system includes a discharge assembly and a composite formation device operatively linked with the discharge assembly. Each lug group preferably includes three separate lugs, each lug having a substantially flat outer surface lying in a different plane than the outer surfaces of the other two lugs.

1459827611-a22e009c-54cc-46f4-96e9-66c522a6a8b7

An outdoor illuminating device and illuminating method using LEDs as light sources to reduce a load on the environment and effectively function as a crime deterrent to contribute to environmental design for establishing safe and secure communities. The carton comprises a bottom panel, a first side panel, a second side panel, a plurality of flaps at a first end of said carton, a first side end flap at a second end of said carton, and a second side end flap at said second end of said carton. The mobile nature of the stand also provides a hunter with the option of using a gun support lanyard, which can be attached to the upper part of the stand or its supporting member. The pair of reflective elements is remotely adjusted, in tandem, for driver rearward viewing when the car is in forward motion and only provides a split view during backing. Another method includes introducing a quantity of liquid into a container and covering at least one predetermined internal surface or component with the liquid to mask the surfaces and keep the hyperpolarized gas away from the predetermined internal surface, thereby inhibiting any depolarizing affect from same.

1459827611-c830bc0f-fd8d-4b1f-98fd-d38121b72bbb

The present invention discloses a USB memory card such as an intelligent stick, of which a control of data encryption is included to enhance data security and meet the data security requirement. The tobacco extract or slurry is treated and modified prior to being subjected to the foam fractionation to enhance the extent and efficiency of protein removal. The invention also provides pharmaceutical compositions and methods for treating diseases, for example Alzheimer's disease, in mammals comprising compounds of Formula I.

1459827612-1512cab3-160e-4598-b8ad-ae1e386ed818

A handheld gamma camera or PET system with a disposable detector head is provided. A clock signal is used only in the AND-plane for pre-charging the product term lines. If desired, the predetermined number of unused codes is always the same in each implementation. A cost function value  $J$  is computed for each point in the grid by applying a phase adjustment of angle  $\theta$  and a frequency adjustment of frequency  $\omega$  to the input signal; performing one or more iterations of the K-means algorithm on the samples of the adjusted signal; generated a sum on each K-means cluster; and adding the sums. When the sample outlet is thus opened, fluid sample flows from the sample collection cup to the test compartment. In other words, the first end system may not send loopback cells, and instead rely on the determination of the other end system.

1459827612-2c27183d-3add-418b-a26c-d81e5d2e2aff

A storage system configured to be applied to a broad range of access forms to the file and improve performance of file access control processing. When the operating

object appearing in a virtual three-dimensional space is selected based on an operation by a player, the viewpoint location data corresponding to the operating object is read, and a viewpoint location is set. At least one second anticlimber extends along at least a portion of the front face at a second position that is vertically different than the first position. The invention may also comprise a flared lamp shield attached to the housing, which is capable of protecting the lighting fixture from damage.

1459827612-aa8954b3-ba1e-42c6-9ac8-ffdc1b9f639f

An electrical steering system for a motor vehicle, having an electric motor having a worm gear which is made up of a worm and a worm wheel, coupled to an input shaft, having a ring gear, worm wheel forming one of the two coupling parts, that are to be coupled to each other, of an elastic compensation coupling whose other coupling part is connected, rotatably fixed, to the input shaft. The method comprises the steps of: forming a pinned ferromagnetic layer on a connection layer; forming a tunnel barrier layer using a semiconductor film on the pinned ferromagnetic layer; and forming a free ferromagnetic layer on the tunnel barrier layer. An image index file for individually accessing the image renditions is modified to include a reference to the corresponding image quality flag file record entry. The document processing system may optionally compare selected document metrics against preselected document metrics in a similar manner, either fixed in a media or electronically, i.

1459827612-b2efe2bd-2059-43a8-8433-039dcffba8c9

The present invention relates generally to the field of prothrombin time reagents for determining dysfunction in the coagulation system and more specifically to reagents made from native thromboplastin or purified or recombinant tissue factor and phospholipids from a natural or synthetic source. Hereby, a leading end of the medium, after pulled into the dimples once, is transported in the pulled state. The strings of the guitar press upon the cylindrical tube. , according to factors such as telescope type, power and configuration, location, weather conditions and altitude. Methods for determining the FSR index of each ring-down event are also provided.

1459827612-f4ee08-9797-4a9c-9ae7-3c80ec890584

An Enhanced Reverse Link Encapsulation packet for a MDDI system combines and improves upon the functionality of the Round Trip Delay Measurement packet and Reverse Encapsulation packet. Each has an associated cache storing a subset of the data for access by that processing unit. A process step is then performed on the plurality of MEMS dice while they are secured in the holder and may be performed simultaneously on all of the MEMS dice secured in the holder. The sensor assembly may also include associated structure to cooperate with a reference location element to place, align and secure the sensor assembly to the patient's skin at a desired location. The efficiency of production and maintenance of various rotatable warning light configurations is improved by reducing engineering, production, maintenance and inventory costs. An XOR comparison may be used to determine if the design cell features match the corresponding master cell features.

1459827613-5ce8db92-45e2-4a8a-855a-b6388aea0877

A Three-Dimensional Structure Memory allows for physical separation of the memory circuits and the control logic circuit onto different layers such that each layer may be separately optimized. In each of the semiconductor chips, an optional circuit is formed. The frame is formed by integral molding by casting. The first and the second dielectric layers are formed on the surface of substrate and the surface of the capacitor components respectively such that the capacitor components are secured in position in the hole of the substrate. In this way, off-leak current may be reduced and noise on a power line and/or a ground line may be reduced. Examples of these include inflammatory and allergic respiratory complaints, inflammatory diseases of the gastro-intestinal tract and motor apparatus,

inflammatory and allergic skin diseases, inflammatory eye diseases, diseases of the nasal mucosa, inflammatory or allergic conditions involving autoimmune reactions or inflammations of the kidney.

1459827613-9254df4e-7293-4a95-9a73-c155ebe7fc67

The invention relates to a method and device for reducing the wake vortices of an aircraft during the approach/landing phase. The digital TV broadcasting data frame according to the preferred embodiment of the present invention comprises a data frame which includes at least one data field which has 313 data segments. The Internet access activity includes access of at least one Internet protocol from the group consisting of newsgroups, file sharing programs, file transfer programs, chat rooms, peer to peer chats, and electronic mail activity. The imaging optics are for optical devices, particularly in ophthalmology though the invention is applicable to other ophthalmological devices as well as to optical devices outside of this field. To control pronation and supination of the shoe and user's foot, the hardness of the medial stabilizing pod may be greater than that of the lateral stabilizing pod. The bowl receives one of two differently sized baskets.

1459827613-c2f0a8c7-3193-4388-a2c7-94df3e172fc7

The present invention relates to novel fluorescent dyes, novel fluorogenic and fluorescent reporter molecules and new enzyme assay processes that can be used to detect the activity of caspases and other enzymes involved in apoptosis in whole cells, cell lines and tissue samples derived from any living organism or organ. A visual display system includes a projector having a light source with a fixed spectral output, a display screen receiving the output of the projector and emitting a diffused output, and a color correction contrast enhancement filter positioned between the diffusing screen and a viewer. The edge may present a profile and may present a closed section. The separator roller also includes a recoil mechanism.

1459827614-38e4b572-3dbb-40e1-9509-5dd1f6cdf57a

A method and system for adjusting and controlling the plasma uniformity in a plasma processing system is described. The FMM software may describe the normal modes and natural frequencies of a mistuned bladed disk using only its tuned system frequencies and the frequency mistuning of each bladedisk sector. The projections are formed at positions near the outer edges of the plate, which are distant from the center of the plate at which no projection is formed, and which are at equal distances from the center of the plate. A wiper plate 22 and an orifice plate 24 are disposed inside of the housing. However, the force required to sufficiently deflect the wires is high enough so as to minimize nuisance alarms.

1459827614-52d9e1cf-e1d6-4a90-8f5f-8c0da19b28d3

A reflective semiconductor optical amplifier includes a substrate, a waveguide with a buried heterostructure formed by sequentially laminating a lower cladding, an active layer, and an upper cladding on the substrate, the waveguide including, sequentially, respective straight line, curved and tapered waveguide regions. The respective successive pawls are mutually coupled by means of at least one link plate. Also provided are methods for enhancing the transmucosal absorption and bioavailability of bioactive peptides and proteins using such compositions.

1459827614-765fbd91-475c-4433-873d-ab47bc39a408

A chemical sensing probe comprises an optical fiber or may be mounted on an optical fiber. The cap includes a first attaching member and a second attaching member that are detachably assembled into one piece. Evaluation means evaluates the corrected frame image using a motion blur evaluation function. A mold is used to sandwich the plug within the trunk. A manifold can be used to maintain a vacuum source for the catcher throat and the additional channels, while pulling the unprinted ink back to the fluid system. And at least an OTA for determining a cut-off frequency, out of the plurality of OTAs, is controlled so that transconductance thereof is variably-

controlled according to the pseudo-random values, and the cut-off frequency is variably-controlled based on the input setting value.

1459827616-47e1bd87-90a7-458c-890b-a42ebf2e747c

A structure includes holes formed in a layer of tape. The oxidizing catalyst includes a solid acid, including a strong acid ion and an inorganic oxide, and a platinum-based metal. The node tree is scanned to identify one or more conditional logic constructs that are sources for creation of inferred latches. The transcoder is capable of receiving a request identifying a media file from a first client and, in response to receiving the request, retrieving the media file from the content store in a first format. 5 wt % C, from about 40 to about 60 wt % Co, and incidental impurities. In one embodiment, the present invention relates to formulations designed to render herbicides, fungicides, pesticides, insecticides and/or phytotoxins easier to identify upon application to one or more types of vegetation.

1459827616-8ee7dfb4-e039-496e-b86c-edeb2b18e704a

Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Also disclosed are methods of preparing such NO-donating compounds, pharmaceutical compositions and medical devices containing such compounds and methods utilizing such compounds in the treatment of various medical conditions. This compound also has little, if any, calcemic activity and therefore may be used to treat immune disorders in humans as well as renal osteodystrophy. The value of the preferred shares will be based on the value of underlying shares invested in separate account funds.

1459827617-66ec5c92-13c6-46a4-aaf6-6e79cdb63636

Techniques for the display of a signal with a wavelet transform of that signal in a wavelet transform viewer are disclosed, according to embodiments. Each sub-network agent manages its sub-networks via its own management protocol, and collects the sub-networks' information. The detection unit is configured to detect a write region in which additional information is to be written, from the original image.

1459827617-a83810a2-d841-4c0b-94cc-84e9b8c7643d

A fusing member rejuvenating method and apparatus for cleaning and rejuvenating an external surface of a fusing member of a toner image producing machine. A phyllosilicate substrate, for example vermiculite or montmorillonite, acts as an inexpensive support to a thin layer for a polyvalent metal sulfide, ensuring that more of the metal sulfide is engaged in the sorption process. A magnetic field is established and the magnetic component and/or magnetic field is manipulated to drive the implant through tissue. Two diced first piezoelectric composites are interdigitated and joined to form a second piezoelectric composite of reduced volume ratio and finer pitch. The system also includes at least one storage container disposed in fluid communication with the reclamation element surface and configured to store moisture and moisture-borne material collected by the reclamation element.

1459827617-f9a44152-e5f4-40d0-a64f-3d9687069e5d

Methods and systems for providing fine grain call admission control into a communication network are disclosed. Which is covalently linked by a hydrolytically stable bond to a first polymeric textile softening species and optionally emulsified with a second polymeric textile softening species. A completed instance of the process object may be created for the product. In other example embodiments, the device includes a mount to which the housing attaches in multiple positions, with the mount having a frustoconically concave back surface in one embodiment and with another embodiment additionally including mating cylindrically convex and concave surfaces of the mount and the housing. By maintaining increased decoder buffer levels, future rate reduction of the video data may be avoided or applied to

a lesser degree.

1459827618-4b333bb2-c8e2-45b4-83ab-8fb20c3ba8ad

The present invention relates to compounds of Formula ,and solvates, hydrates, and pharmaceutically acceptable salts thereof, wherein ring A, R1, R5 and R6 are as defined herein, useful as FLAP modulators. The signal is filtered with a matched filter as in conventional methods. The delivery catheter is advanced within the patient until its distal end is located adjacent to the desired insertion site, which is preferably the junction between a coronary artery and passageway formed in the myocardium between the left ventricle and coronary artery. An image processing unit performs an image process based on the image data in the rectangular areas read by the reading unit and the image data in the reference areas stored in the second storage unit.

1459827618-a91790c1-fd20-4a0f-85ee-d88aa9daeb80

A tool which includes a substrate which has a first surface and a second surface wherein the first surface and the second surface intersect to form an edge. A plurality of pixels are each provided with at least two sub-pixels to emit different color lights, wherein one field has at least first and second subfields divided and driven independently. The base includes a first portion that includes a non-magnetic material and a second portion that includes a magnetic material. The received PN clock signal is recovered by providing PN phase adjustments of the received PN clock signal.

1459827618-ad50e680-9077-4907-ba3a-5626eb00d73a

A field distribution correction element for positioning on an examination subject in a magnetic resonance system for local influencing of the radio-frequency field distribution during a magnetic resonance acquisition has a system of electrically conductive dipole strips essentially running in parallel, arranged on a carrier element. Lubricating oil is circulated by means of a pump force of the hydrodynamic groove. The screen is connected to the shaft and includes a second capillary medium suitable for receiving the liquid drawn by the first capillary medium and distributing it over at least a major part of the screen where it evaporates.

1459827618-c6de1aab-e12f-451c-ba55-e5ecc4f31cb3

The present invention relates to a process for preparing a surface treated mineral filler product, and to its preferred use in the field of plastic applications, and in particular polypropylene - or polyethylene -based breathable or extrusion coating film applications. The vacuum head may initially pivot to bend the edge of an individual page up away from the book, to aid in page separation, and then subsequently differently pivot to help peel the same page gently away from the vacuum head and flip it over onto the opposite side of the book. The sensor is configured to generate a signal indicative of a temperature of the power consuming device.

1459827618-ebbcc3ad-6374-4c72-8260-b5c5ff5d6d0c

A method of testing and an embedded probe-enabling socket are provided for implementing debug and testing functions. The assembly includes an elongated body having a proximal end and a distal end and a first lumen having a sidewall extending between the proximal end and the distal end, a first distal opening disposed at the distal end, and a first guide wire opening disposed proximally of the distal end and co-planar with the sidewall. In one embodiment, volumetric isotherms are calculated. When utilized with mechanically-driven percussive bit assemblies, where air is only needed to remove debris from a rock face, separately-provided air is delivered to the bit segments of the present invention as described above to clear the gaps of debris. A similar formula, based on both distortion and bit rate characteristics, is used to select the particular quantization value within the quantizer set for each video signal value being coded. The control device may operate to control an output power of the generator concurrently with



controlling the output power of the prime mover.

1459827619-3980c501-b4e2-4d2c-9eb7-3dbe03a76079

Disclosed is a wave powered electric generating device for generating electric power from wave-driven water body in a fast, easy, inexpensive, and efficient manner such that the set up has less configurational complexity, involves easy installation and maintainability. The plant displays good vigor and good tolerance to diseases, particularly with respect to Black Spot. With a sheet feeding apparatus, an image reading apparatus and an image forming apparatus constituted as described above, even in a state in which the document is set in the document tray, the set state can be easily canceled by operating the document regulating plate. A long term average of pathloss estimates is determined. A second aperture is also located on the top panel to accommodate a filling assembly.

1459827619-7416f2c4-2bed-4c3c-a608-b9af0b8b2503

A leak detection system for a pressurized pipeline used in conjunction with a fluid control valve having an electric actuator or with an alarm signaling device. Accordingly to the electrode apparatus, it is possible to prevent leakage and/or diffusion of hazardous or harmful substances into the ambient environment in the event of breakage of equipment, such as a waste disposal landfill, by setting the electrode apparatus around the equipment and by capturing the hazardous or harmful substances, or rendering them harmless by their redox reaction. Therefore, in consideration of peripheral traffic environments such as existence and absence of the preceding vehicle, the awakening degree of the driver is determined, so that determining accuracy of the awakening degree is enhanced more than that of a conventional method. A compensation unit may include a second modulator to generate a compensation signal proportional to the estimated frequency variation and modulated with a second modulating frequency. Once fastened thereto, the valve can be opened to provide for fluid passage between the first and second receptacle.

1459827619-909b23c3-734c-4081-8125-bcaa62c223a3

A method for improving a downlink signal received by a listener on a phone is disclosed. The packet's characters are sequentially selected and analyzed against the backref-NFA until a match or no-match between the packet and pattern is determined. The invention further relates to genetic complements of plants of variety CH675395.

1459827619-e79b532a-0126-4e66-ab8e-dd7844d1f1e5

A method and system for reserving a communication channel in a mobile telecommunication network. The clamp has a link pivotally connected to the handle and to a plunger. At least one of the elements is a reflective element that has a rotationally-asymmetric surface positioned in a path of the radiation.

1459827619-f98302b1-d977-416c-bb02-3babf655c9f4

According to some embodiments, systems for an integrated pump and cold plate may be provided. The prime mover of the invention provides substantially reduced drag in a flow of fluid, and an increased torque output, compared to prior art prime movers. The data is used in the inventors' model to compute a SPS porosity and an absolute permeability at a reference SPS pressure and a reference sorbed gas composition. Responsive to detection of a TLB purge during the set up or execution of a data movement operation, the claimed invention aborts the operation, and then enqueues corresponding completion status information to notify processors of the event. The rotatable axle of the lifter arm may be located above the upstream V of the log cradle member. An inspection device to be lowered in the borehole and then to be retrieved.

1459827620-5a3c67f0-57a1-4778-a9cb-7eeb4e9394da

Methods, systems, and articles of manufacture for managing possession of a financial card product are disclosed. The semiconductor device includes a

relatively highly doped substrate and an epitaxial layer formed over the substrate. The source address may indicate where the first routing protocol packet originated. Different wetted bow sections and retractable plates are used for starting side cavities. These extensions may be in the form of one or more of an operation, an event, a dataset or property code. Between the light receiving part and the measuring object is placed a polarization-state selector part which permits polarized light of a specified polarization direction to pass therethrough.

1459827620-609e632a-865d-4519-8879-ceefa2240c00

Nuclear matrix proteins which are characterized by a defined expression in tissue are provided. A front sight coupled to a forward end of a gun includes a top sighting point and optionally lateral sighting points. In the tray, by increasing a flutter occurrence speed, although the optical disk player has a high recordingreproducing speed, occurrence of flutter can be prevented, and accordingly it is possible to reduce error in disk reproducingrecording and prevent noise occurrence and wrong operation. The lateral section includes a microphone and a battery assembly, and is dimensioned to avoid occluding the ear canal while it is at least partially laterally suspended therein.

1459827620-75a85d3b-13a9-4f93-825a-7af8fd9aced9

A method for operating an amplifier module of a communication satellite involves saving at least one configuration parameter of the amplifier module in a non-volatile memory designed to store the configuration parameter when the amplifier module is not energized. The fan holder includes a plurality of separated brackets located at sides of the heat sink. The vapor phase growth at a low temperature yields a uniform crystal layer, and the ensuing vapor phase growth at a raised temperature yields a uniform crystal layer with good reproducibility in conformity with the first crystal layer. The air flow downward from the outside of the cylindrical blade portion is prevented by the annular base portion.

1459827621-4e0269a0-057a-461f-ba00-64224bdb1b85

A method for the control of flows particularly within an ATM switch transmission network with a distributed architecture. The signal paths on either side of the differential amplifier are made equal with equal loads along each path. The maintenance liquid contains water and at least one water-soluble organic solvent of alkanediols having a boiling point of 250\xb0 C.

1459827621-b2090c63-75a4-4340-9dfd-4118aa2f8aea

A radio frequency filter includes a substrate, first and second dielectric layers formed on first and second portions of the substrate, a ground plane formed on a third portion of said substrate, a carbon nanotube array, and first and second electrodes. The tubing may feature a formable outer section, and the expansion of the tubing may be achieved using a compliant rotary expander. Forward error correction comprising Turbo coding and puncturing achieves a smooth functional relationship between any measure of performance and the effective coding rate resulting from combining the lower rate code generated by the Turbo encoder with puncturing of the parity bits.

1459827621-bb3f9399-f209-483f-bec1-2fb230c71fe3

A composition for disinfecting an animal product comprising an electro-chemically activated, anion-containing aqueous solution. The seat ring of the control valve of the present invention is preferably fabricated through the use of a direct metal laser sintering process. The position of the plurality of cells includes a first dimension coordinate and a second dimension coordinate. The calibration may be updated after evaluating the calibration set for best calibration based on inclusion criteria with newly received reference analyte data.

1459827621-e0f884e1-5422-4201-a07b-6ba6037a1881

Embodiments of the present invention relate to methods and systems for making a

call. The dispenser includes a tape holder and a reservoir for storing drywall joint compound, wherein when the dispenser is placed on another dispenser of substantially the same configuration, at least one of the respective tape holders and reservoirs nest with one another. The method includes the step of providing a web server class library and a virtual machine class library.

1459827622-8c8ee285-dbd3-4b6c-8c5f-3783f05c137d

An orthotic insert assembly having a stationary heel post with a guide slot and an unattached rigid plate member with a depending peg that is received in the slot. Etching is performed to pattern the bottom electrode and barrier layer using a fluorine-based recipe resulting in the formation of a first fence clinging to the sidewalls. 70 Btu\inhr\inft2 at 73\in0 F. Further, a series circuit of the switching device Q1\ue2032 and the clamp capacitor C1 may be connected across the terminals of the switching device Q1. The effect effectively and exactly reading configuration information at a power-on stage is accomplished through the method.

1459827622-954dbf52-cf1a-48d2-9304-a25b44f34e1f

A network device is disclosed, in accordance with an embodiment of the present invention, which includes a transceiver adapted to transmit and receive information and an internal antenna and an external antenna connector coupled to the transceiver. The first-conductivity-type substrate has a first surface for light incidence and a grounding terminal. In a typical embodiment, the modified dielectric surface is created by treating an exposed dielectric layer of the interconnect structure with a gaseous ion plasma. A U-shaped lower tether is disposed in an upper portion of the interior of the protection portion; vertical direction dividing portions of the lower tether extend to the upward side from portions that correspond with both knees of medium-bodied occupants.

1459827622-a5b95235-b49d-4f99-899d-4ee3e6ea861b

As changes are made to a document, each change may be assigned an extended identifier comprising a globally unique identifier component and an integer component. Also provided are the seeds of soybean variety XB29K13, cells from soybean variety XB29K13, plants of soybean XB29K13, and plant parts of soybean variety XB29K13. A sum of absolute transformed differences value from a motion estimation of a signal being compressed using H.

1459827623-2647f773-a555-4691-a91f-0925cd2b74aa

A semiconductor packaging technique provides for a semiconductor device with improved electrical and thermal performance. The chemical delivery assembly is comprised of a chemistry housing that has a first receptacle and a second receptacle formed therein. An actuatable electrical switch arrangement is also disclosed.

1459827623-3007315f-cae2-4958-ac52-02e87419594b

A position measuring method and a position measuring system using the same are disclosed. The pitch material is useful as a binder material for various applications such as clay pigeons. The container has an opening at an upper end thereof and holds a material inside. Specifically, the dielectric material has a Qm higher than that of a so-called low-Qm material.

1459827623-a6d4c0c1-2d11-49dc-b46d-014bbac75870

The present invention relates to variants of parent Termamyl-like alpha-amylases, which variant has alpha-amylase activity and exhibits altered properties relative to the parent alpha-amylase. A hand-held vacuum shield has at least one vacuum inlet connected to a source of negative pressure. The first and second supporting surfaces each have lips. Another embodiment places annular conductive structures on the female receptacle.

1459827623-b87a97a3-4ff3-4d31-947a-6952f7513756

A processing chamber comprising a reaction vessel having an electro-reaction cell including a virtual electrode unit, an electrode assembly disposed relative to the electro-reaction cell to be in fluid communication with the virtual electrode unit, and an electrode in the electrode assembly. The device includes a heat-conducting substrate disposed in thermal contact with a high temperature region. The frame substrate accommodates z-interconnect ball pads arranged to align with corresponding z-interconnect pads on the substrate of a package. The valve body is capable of rotation with respect to the piston pump assembly to dispose both the first channel pathway and the second channel pathway each to two operative positions to receive the liquid, gel, or slurry and to two inoperative positions blocking fluid communication with the liquid, gel, or slurry. A well is associated with the base, into which water is received from the base before being circulated into the bowl.

1459827624-28f55d9a-3e11-44c5-a51e-e63dbdf0b112

A scaleable network monitoring system is discussed. Thus, the flow control valve has a simplified construction and is made easily, thereby decreasing costs of fabrication. The body structure may have a variety of shapes, including planar, cylindrical, conical, and the like.

1459827624-58ebea49-1534-4614-bf41-78e3cb63afe9

An image capturing lens assembly includes, in order from an object side to an image side, a first lens element, a second lens element, a third lens element, a fourth lens element and a fifth lens element. This hybrid power output system is compact in structure, can increase the power efficiency and reduce the fuel consumption, and can realize multiple drive modes. Each set comprises first electrode lines at the opposite boundaries between the lens area and adjacent lens areas, and at least a first pair of electrode lines disposed between the opposite boundaries and symmetrical about the centre of the lens area, wherein each set comprises at most six electrode lines between the opposite boundaries. A Web site is provided for users to access the programs.

1459827624-f61c6ceb-7946-4064-8011-dcea8775250a

An electrosurgical forceps includes a shaft having a pair of jaw members at a distal end and movable about a pivot from a first position and disposed in spaced relation relative to one another to a second position wherein the jaw members are closer to one another for grasping tissue, a movable handle that actuates a drive assembly to move the jaw members relative to one another. A sense current flows to substantially a lamination layer direction of the lamination layer structure portion and the lamination layer structure portion has disposed thereon a high-resistance layer which crosses a path of the sense current, whereby an element resistance can be increased and a magneto-resistance change amount can be increased. A control path is implemented using processor components to increase resource efficiency. In addition, the shelving unit can be folded into a smaller volume and reduces the cost of packaging, transportation and storage of the shelving unit. The present disclosure further relates to methods for preparing the copolymer compositions and shaped articles comprising the copolymers.

1459827625-5efd98e5-db12-432b-89aa-5638a2f18073

A pivotable bracket is provided such that a constant moment of friction is present at the hinge. The reservoir, which is capable of containing water and compressed gas, has a horizontally sloped bottom wall and a trough located at the bottom of the bottom wall. The member is placed into the said tube, fixed with adhesive tape to the hinge. Each such implanted device is configured to be monitored and/or controlled by the SCU via a wireless communication channel. The binding member includes is comprised of a pipe, a bar or a rigid block.

1459827625-c7647963-aa29-4d2d-9f8c-6e8752be7ef6

A control method adjusts fuel injection into an engine having a variable

compression ratio. A capability is provided to automatically compensate for torque disturbances caused by a photoreceptor belt seam crossing a mechanical device in a photoreceptor belt-based transfer subsystem in an image forming device. 0.5 to 1 megg, a neutralizing agent content of from 0. The tooth defines a blind cavity having a second predetermined configuration and opening to a rear of the tooth. For example, the methods and materials relating to the use of cAMP inhibitors to treat liver conditions are provided. First and second power supply networks electrically connect the power supply with the first brake component and the second brake component respectively.

1459827625-ea40b064-a661-4aa9-a827-639b4646be26

A fastening spider and a method of fastening a wear-resistant lining element to a support surface, over which wear-resistant lining element material in the form of pieces or particles is intended to move. A narrow stem comprises a plurality of holes running throughout the stem. Each of the sub-pixels includes a first electrode, a second electrode opposite to the first electrode, and an organic light emitting layer between the first and second electrode. On an interconnection circuit pattern of the assembly substrate are formed stud bumps. The active layer carrier concentration, mobility, and interface with other layers of the TFT can be tuned to predetermined values.

1459827625-f2285d8f-b840-4c70-97e9-829397d9b0bd

A convertible gas piston conversion system for the AR-15, AR-10, or their variant rifle platforms is provided to convert the platform from a direct impingement gas system to a piston driven operating system. The channel system has a channel having at least one entrance for supplying a cooling medium to the interior of the channel. The different pitch values can be multiples of the minimum placement resolution of a production tool to be used to produce the Bragg grating. The second set of edges is positioned outside the first set of edges by a pre-defined distance. The present invention, therefore, provides for a higher quality and more efficient spotting of movable mold cores than is currently possible. A memory address translation data structure may be accessed, for example, in connection with a memory access request for data in a memory page, such that attributes associated with the memory page in the data structure may be used to control whether data is swizzled, and if so, how the data is to be formatted in association with handling the memory access request.

1459827626-9f8e72ed-9f32-4e6a-94c0-fdf3da2b1768

A silicon-based photovoltaic cell is disclosed having a red light conversion layer that absorbs ultraviolet rays, blue-purple or yellow-green light of the Sun's solar radiation and converts the absorption into a red, dark red and near infrared subband radiation. The fiber optic network also includes a fiber distribution terminal including a terminal housing, a terminal termination region and a terminal pool. The server system sends the location to other mobile systems in accordance with the permission criteria, with or without a request from another mobile system for the location. The cooling water also flows through the interior of a duct tip at the forward end of duct.

1459827626-aabbfa18-4dbe-47cf-9108-ec7c899df73b

The method that is disclosed enables specific information network traffic flows to retain packet ordering in a packet network in which multipath techniques are used. The compounds of the invention are useful for treating immunological conditions. Each inkjet print head ejects ink from a corresponding ink supply in droplets as needed and aimed on a media. A tax lot is created for the identified at least one security to identify a total value for the at least one security, and the method determines whether the virtual portfolio complies with the asset allocation model. An illustrative embodiment of the fluid meter includes a meter housing having a housing interior, a rotatable paddle provided in the meter housing and a counter coupled to the paddle.

1459827626-b77bf992-4008-4760-8087-854ea11be4c8

An array substrate of the present invention includes a storage capacitor that has a storage-on-gate structure. To prevent formation of a burr to an inside of the recess during formation of the mating surface, an entirety of at least one edge segment of a peripheral edge of the recess opening on a circumferential end surface of a semi-cylindrical member as an unprocessed body of the bearing main body, the at least one edge segment intersecting with an axial direction of the member, is chamfered. Delayed electromagnetic wave, which is generated by particle beam, is summarized with the optical field, which is transformed on said structure. The dynamic optic, when activated, provides the additional needed optical power for the wearer to see clearly at a near distance. Solder connects the bypass diode, the conducting portions, and the photovoltaic cell. A computer device reads the digital output and calculates the absolute value of the capacitor based on the counter value.

1459827627-4124c5d2-f638-472f-a020-88a965ec8956

A speech recognition system for processing voice inputs from a user to select a list element from a list or group of list elements. The reduction of noise is done by non-conventional methods of connecting hardware shielding techniques. Each of the notching devices is movable, so that the relative position of the two notchers is variable.

1459827627-b9c94ad7-33cf-434d-baff-d1b58743412c

An image sensor includes a pixel array, a bit line, supplemental capacitance node line, and a supplemental capacitance circuit. The pressure fluid device includes a pressure fluid supply in the interior of a movable drive translator. At least one embodiment of the CSA system and method allows a single analog-to-digital converter and single RF demodulation chain to be used for an arbitrary number of sensors, thereby providing scalability and eliminating redundant data acquisition hardware. In addition, a first conductive layer is arranged longitudinally in each of the capacitorresistor regions so as to contact the left and right edge portions of the unit cell. At this time, after wiring lines connected to the defective device are cut off, the repair device is electrically connected to portions of the wiring lines, the portions of the wiring lines being located at positions nearer to the drive circuit side than the cut-off positions of the wiring lines.

1459827627-baf5200f-8743-4b23-9c37-e6efd5c3cc66

A display device has a driver including a level converter formed of polysilicon MISTFTs. The contents are divided into a plurality of content groups. The said communicate system can dynamically allocate the available bandwidth to thereby serve subscribers with more control channel and/or control channel bandwidth and/or communication channels and/or communication channels of greater bandwidth as the need presents itself.

1459827627-e5281c7a-74e7-41d8-bdbf-de747690b9e8

A device having three evaporation sources and a unit for moving the respective evaporation sources in one chamber is used, whereby it becomes possible to increase efficiency of use of an evaporation material. The longitudinal frame component is formed at a first length when used on a first vehicle type and formed at a second length when used on a second vehicle type. Calibration logic provides for setting an operation value for a parameter of the communication channel, such as by executing an exhaustive calibration sequence at initialization of the link.

1459827628-a1a182c2-1bfb-426d-baea-5e4df3655db2

A device for testing pneumatically operated brakes of a first vehicle and of a second vehicle being connected and having interconnected brake systems. Elongated bores, interfaces, or terminations packed with elastic material provides relative movement between the devices to allow spinal flexion and extension. Such logless

component can avoid logging at a middle tier, and exploit logging that is already performed at a client side and/or various end point servers.

1459827628-bce8ba90-2da7-4ec5-a5f0-31aaecc0cb2a

A method and apparatus provide an integrated circuit package with improved heat dissipation and easier fabrication. The present invention solves the above objects by providing a porous crystalline saccharide having a number of pores, a process for producing the same, comprising the step of keeping hydrous crystalline saccharide at an ambient temperature or higher in an organic solvent for the dehydration, and the use thereof. The stacking unit is raised by the raising unit and is lowered when the sheet storage unit is drawn out. The dynamic bias circuit can include an error amplifier, the error amplifier generating the gain stage bias voltage responsive to the current source feedback voltage.

1459827628-c2104024-9975-4ab0-8d6f-ab5bc306e135

The present invention is an improved bow holder. Therefore, even though a high frequency clock signal is inputted, the word line is disabled and precharged when a cell node is charged enough. Configuration information is imported to the network device.

1459827628-c7c3ef2a-31ab-444d-a3c5-b262efa6567e

A portion of a traffic channel message is detected and decoded to determine if a rapid handover procedure may be used. When processing a read or a write command, a scheduling arbiter examines a bus schedule to determine that a read-read conflict, a read-write conflict or a write-read exists, and allocates an available memory space in a read buffer to store the read data causing the conflict until the read return data transmission can be scheduled. The interior hollow has a large diameter portion, a medium diameter portion and a small diameter portion. The method comprising exposing the concentrator to the biological and/or chemical materials in an environment and activating the superlattice structure optically or electrically followed by the detection of the biological and/or chemical materials. In a third embodiment of the channel autocorrelation tracking technique, the present invention reduces the phase change that can occur at receivers. To achieve this, the stack is dynamically loaded by the host to a reserved memory region, and a vector of the target is set to point to that reserved memory region.

1459827628-f8ac02e7-dc0e-4b5f-a9e6-951ab7fd83e8

A deck support system for supporting cargo in a freight compartment is provided. An N-type memory transistor and a P-type memory transistor are formed over a substrate. Between the first and the second EDFs, a variable attenuator is arranged. The present invention has some advantages in that it prevents the cutting of the Al layer on the concave corner of the second metal pattern layer and the exfoliating of the second metal pattern layer from the first metal pattern layer. Because output power generally scales with output area, this increase in output area results in higher possible output powers.

1459827629-167466ca-baf0-4c0d-a688-427b2b812d9a

A metal coordination complex of a biologically active moiety and a metal is disclosed. The interface may contain one or more different types of gateways, including a PSTN voice gateway, an analog modem gateway, and others. The spring segments are configured to flex to exert spring forces on the component contacts, and to compensate for variations in the size or planarity of the component contacts. The device can be configured as an illumination angle variation device.

1459827629-287e7a2c-8b74-47ec-bb32-3d622716caf3

An elevator car comprises a cover extending over at least a portion of the top surface of the car. The wireless telephone and the vehicle have corresponding mating units. The optical fiber of the back plane includes a terminal end. At least a portion of i) an extension field of the data packet and/or ii) a padding field of

the data packet is set to the checksum trailer value.

1459827629-4d7946f9-386b-4073-9df5-9015a282c328

An antenna includes a dipole feed, a first dipole element connected to and extending outwardly from the dipole feed, a transmission line extending from the dipole feed in an opposite direction, and a flexible electrically conductive sleeve surrounding the transmission line and connected to and extending outwardly from the dipole feed. The expansion joint construction permits position changes of the building parts with respect to one another. As a result, it is possible to control the apply pressure of the first clutch or the second clutch and thus rapidly execute a shift. A terminal monitors full paging channel only after a quick page message has been received on the quick paging channel.

1459827629-bc58f403-3aae-4b96-9a69-4558689ff7bb

A high level Operational Support System framework provides the infrastructure and analytical system to enable all applications and systems to be managed dynamically at runtime regardless of platform or programming technology. A motor and a generator accelerates and decelerates the flywheel for storing and retrieving energy. Each simulated player is dealt a hand of cards pursuant to a predetermined card game selected by a game player. The selection screen may cause a user to select a print setting from among the actual print condition. Accordingly, the cutout can provide clearance for the rotation of the hangable tab beyond the hinge connection.

1459827630-45b4983f-59df-40c3-b375-4d1db745b066

A method, apparatus, system, and signal-bearing medium that, in an embodiment, receive cues, one-time passwords, and a presentation order. Data transmission on the forward link is time multiplexed and the base station transmits at the highest data rate supported by the forward link at each time slot to one mobile station. The housing assembly also includes a metal sleeve located within the interior region of the plastic enclosure, and a magnet structure located within an interior region of the metal sleeve. The thermosetting monomers may advantageously be employed to produce low-k dielectric material in electronic devices, and the dielectric constant of the polymer can be controlled by varying the overall length of the arms. The epicardial patch is dimensioned and compliant to substantially avoid impeding myocardial functionality when affixed to the area of the epicardial surface. sec to produce a microstructure that provides a strip having a yield strength of at least 200 MPa.

1459827630-772b0821-2cc1-4414-808f-039a9ee81846

An apparatus generally comprising a circuit and an interface device is disclosed. The laser slab has a trapezoidal cross-section in a direction perpendicular to the optical-quality interface. Time points on the waveforms are marked with pointers so that users can easily visualize the relationships between different signals. Each of the plurality of times slots are capable of having an on value or an off value.

1459827631-76a35d33-f222-4a5f-ad98-743f2bf00772

It is analyzed whether print data includes first image data common between pages and second image data different between pages. According to the invention, in order to correct a wavefront deformation, at least two optical elements each have an optically active surface locally reprocessed aspherically. However, prior to the deposition of the second metal layer, the protective layer is exposed to air. Information may be retrieved from or delivered to the removable device.

1459827631-9853463e-5a1c-4d5c-99b9-893fb818669e

The invention comprises a system, catheter and method for measuring the cross-sectional areas and pressure gradients in any hollow organ, such as, for example, blood vessels. A given mailbox in the system can be shared between telephones on multiple ones of the networks in question. The knife blade is pivotally retained in



a retainer housing that is secured to the carriage.

1459827631-b18dbb98-4291-4fe7-b5d1-67a07ebd7a2f

Graphic User Interface for Data Processing Device A handheld data processing device has a touch-sensitive display screen and interface means for generating a graphic user interface on the screen, the GUI having one or more image elements, each representing an input. The bookmarking apparatus includes an intersecting first path and a second path, a sheet bundle conveyance device, a cover sheet conveyance device, a first and second path cross-over unit, and a joining stage. Therefore, the hybrid architecture of low complexity can be attained.

1459827632-31837495-9250-424e-9f22-12b21b8c45f8

A circuit is described for operating an auxiliary unit for starting internal combustion engines via a starter battery. The blanket belt travels about guide rollers which have a lesser mass and/or a lesser diameter than the form cylinders which offset the colors onto the blanket belt. A first photoresist layer is formed to cover the logic region, and expose an inter-metal dielectric layer adjacent to the second conductive layer in the memory cell region. A fastening element, which, by a contractive force in the mounted state, connects the wall section with the protuberance. The bearing and pressing device includes a spring unit, being supported against a receiving part mounted to rotate about a rotor axis. Thereby, four chip packages are provided with this design, the layout of conductive traces formed within at least one of the flex substrates is meandered to compensate for length differences with respect to the other flex substrate.

1459827632-546b19a3-cf76-4655-9f5c-b9f7c6872c8e

A monolithic integrated circuit includes programmable processing circuitry. The ferroelectric memory structure includes a substrate, an insulating layer formed on the substrate, a plurality of oxide electrodes formed on the insulating layer, a ferroelectric layer formed on the insulating layer and the plurality of oxide electrodes, and a plurality of metallic electrodes formed on the ferroelectric layer and corresponding to the plurality of the oxide electrodes. According to one embodiment, systems and methods are provided that analyze various parameters that are derived from the unified data collection system to calculate a QA score for the radiologist. Moreover, the flash memory storage apparatus further includes an extra ground lead electrically connected to the ground lead or a protrusion on the substrate, such that the ground lead first electrically connects to a host when the flash memory storage apparatus is plugged into the host.

1459827632-68c52805-d9b1-4c89-8fdd-6acaefe60a70

A cleaning material is applied to a surface of a substrate. The method includes adhering a first base member having the pattern region and a second base member with an adhesive material, and sealing an exposed portion of the adhesive material by a metal film. Through the method and the communication node, lossless bandwidth adjustment in a point-to-multipoint OTN asymmetric bandwidth carrier system is implemented. 55 gram per cubic centimeter of volume.

1459827633-9e235492-5908-4cf7-b4a9-1a2dc605ae2d

A system and method of managing traffic flow in a communication network is provided. A description is likewise given of a process for decreasing the content of unbound glyoxal in glyoxal-treated polysaccharide derivatives. The unit includes an array of radio opaque fiducials arranged for use in image calibration for an imaging system. The base burners operate along with vertically firing hearth burners and optional wall burners in the upper portion of the firebox. Increased flexibility for design and operation of the power station is achieved in that an electronic decoupling apparatus, which decouples the two operating frequencies from one another, is arranged between the generator and the consumer.

1459827633-f1210b16-7085-4553-b3b5-aa2a8e264e1e

With first, second and third current exchanger circuits cascaded, a current in proportion to a difference between an ambient temperature  $T_a$  and a reference temperature  $T_r$  is input to the first current exchanger circuit. A non-venting pulser is disposed in the drilling fluid in the supply line, and the non-venting pulser is adapted to generate pressure fluctuations in the flowing drilling fluid. Embodiments of the invention are comprised of elastic fabric to provide a cooler, better fitting garment, that holds ballistic armor inserts and trauma plates securely in position, enhancing the comfort and security of the wearer. The second stage includes a DC-to-DC converter connectable to a battery.

1459827633-f1b67904-a965-4d92-a6e5-e563f093ade8

Even in an apparatus connected to another apparatus which periodically transmits a command, a mode transition such as transition to a power saving stand-by mode can be performed. During operation an input block of size  $K \times 2032$  is received. The bone plate incorporating internal sliding elements containing a threaded receiving hole for bone screws that have a correspondingly threaded screw head. A monitoring device measures a suitable parameter, such as impedance or temperature, and indicates when the tissue between the electrodes has been fully ablated. The ratio of the total sense current and the switch current will be independent of process variation and temperature.

1459827634-5038bbef-9b90-4593-b67a-e26bc6966fbf

A system, method of automated testing and control of networked devices is provided. The auxiliary section has guides for fitting an advertising support. Most preferably, the HTI device includes a casing which contains the dual modal propellant and a nozzle through which combustion gases generated by the ignited high burn rate propellant may be discharged thereby entraining ignited particles of the low burn rate propellant. In response to the extracted communication information, the decision maker decides whether the other transport channel should be enabled, and provides to the physical layer an indication of its decision. Upon detecting a buffer underflow, a fill operation is performed on the buffer and the playout delay is modified to provide a sufficient number of frames to be played out. A hoop may be fitted and compressed around the segmented casing.

1459827635-25cc1cf7-115d-43c2-baaf-b075efcb493c

A new method of process control for fusion welding maintains a controlled weld pool size or volume, for example in some applications a substantially constant weld pool size or volume. The apparatus includes a housing member for positioning the ignition assembly on a lid of the drum. These constituent features are provided in a layer configuration to realize high portability and ease of development. Other aspects relate to enhanced position determination, adaptive coverage enhancement, local mobile networks, open access femtocells without a backhaul, and local broadcast of media through utilization of femto enabled devices. The movement of the specimen under the beam of incident electrons may be continuous, and data for multiple image pixels may be acquired in parallel using a time delay integrating detector. The invention includes, for example, prosthetic heart valves, annuloplasty rings, and grafts, having enhanced biocompatibility and biostability.

1459827635-8c9a5a5e-f42a-4429-acf6-ccf937ed8a66

A network device and its mode of operation. Decentralized storage and multi-access paths provide complete sets of data without dependence on a specific or pre-defined data source or access paths. Each pin has a head against one of the end plates, and each pin has spaced apart grooves thereon extending from the other end plate. This arrangement allows the studs to move independently of the sole and of each other to provide greater traction capabilities to the article of footwear. Thereafter, the data is analyzed to reach conclusions regarding the material samples.

1459827635-9b2a7ec7-94c6-4c1d-adf2-bbc9982caf27

The subject of this invention is the presentation of a three dimensional glass

sculpture depicting realistic subjects such as flowers, leaves, birds, animals or abstract shapes in a decorative window. The use of such a shape enables the power threshold for forming self-maintained electron avalanche discharges to substantially increased and satisfactory filtering properties to be obtained. The parts are welded to each other on the periphery of the projecting part and receiving opening. This translated location may in turn be passed to an application executing on the device. The compositions may be utilized to treat or prevent disease in aquatic animals such as farmed fish or crustaceans.

1459827636-bf0b401b-009e-4d2c-828d-2fbf4d004434

The present invention provides a novel compound having FGFR inhibitory activity or a pharmaceutically acceptable salt thereof, and a pharmaceutical composition containing the same. The first m-sequence and the second m-sequence are modulo-2 added to form the I branch of the primary scrambling code. In order to reduce computations related motion metric derivation, the motion metric is based on sub-images corresponding to a current frame and a previous captured frame instead of full-size images. The picking member has an outer surface section that includes a high friction portion axially adjacent to a low friction portion.

1459827636-eb41c241-cf20-45ff-bf68-ca731f666085

The invention discloses a novel MOSFET device fabricated by a gate last process and its implementation method, the device comprising: a substrate; a gate stack structure located on a channel region in the substrate, on either side of which is eliminated the conventional isolation spacer; an epitaxially grown ultrathin metal silicide constituting a sourcedrain region. A header analyzer separates a header from a packet received via a network and outputs a lookup sequence. The spacer's front end may be curved. The support brackets are coupled to one or more flexible bands and utilized for clamping the duct between the support brackets and the flexible bands. In some embodiments, the method receives a command to switch from running the navigation application in the foreground to running another screen view in the foreground.

1459827636-f49da805-b321-43da-90d8-8aa5775389a6

The present invention relates to a high-voltage electric double layer capacitor, and more particularly, to an EDLC in which a surge voltage and an operating voltage are enhanced by improving the structure of a unit cell. The transistor also includes a first conductivity type contact region provided in the second conductivity type channel diffusion region, and an electrode wiring connected to the first conductivity type source contact region and second conductivity type source contact region. The nanocomposite mat includes a reflectance-enhancing coating conformally disposed around an outer surface of the fibers, having a refractive index different from the reflective fibers, and which increases a reflectance of the substrate in the visible spectrum. The SIOS instruction set allows the execution of both simple and complex operations, which speed up application development since programmers need not be concerned with the microprocessor-specific details, and can concentrate on developing intelligent operation routines according to the requirements of the problem at hand. One end of the shaft member is fitted into the second hole.

1459827636-f4de5a28-ebc7-4c30-a241-e39c47146073

The present disclosure relates to facilities, systems, methods and/or catalysts for use in chemical production. These novel compounds inhibit the processing of amyloid precursor protein and, more specifically, inhibit the production of A $\beta$ 2-peptide, thereby acting to prevent the formation of neurological deposits of amyloid protein. The suction tube extends to the upper end of the sealing cuff and opens into a recess on the outside of the tracheostomy tube through a side opening oriented at right angles to the radius of the tracheostomy tube. The securing member is coupled with the utility bed adjacent to the rear seat.

1459827637-0e766941-d3e4-4fed-868e-649e6864ff31

Methods, systems, and media to improve the manufacturability of cells and structures within cells of an integrated circuit are disclosed. A rear end portion of the cam groove is open at a rear end surface of the cam ring to serve as the accommodation section, and the cam follower is disengageable from the front cam surface in the cam groove against a biasing force of the biasing device when the cam follower is engaged in the accommodation section. The pneumatic tire of the present invention is obtained by using the rubber composition for the tread rubber. The sensor employs a thin film of photoluminescent copolymers, which is stable in air, water, acids, common organic solvents, and even seawater containing bioorganisms.

1459827637-1f1027fd-7898-4699-a243-6ac1e3269314

A switching control circuit for a switching power converter utilizes an oscillating signal that causes reduced electromagnetic interference by the power converter by way of modulating the frequency of the oscillating signal within a specified frequency range. The method defines a routing graph that has several of nodes on plurality of layers, where each node represents a sub-region on a layer. A component is disposed in the process chamber so as to be heated by the plasma when formed. The input sampling rate is based on a first clock signal and the output sampling rate is based on a second clock signal, wherein the first and second clock signal are independent of each other. A method of making a fluid pump for pumping a volume of fluid under pressure from a fluid source to a fluid dispenser.

1459827637-93d1c59a-93a9-4701-bcf1-d17ac16c7a89

In a method and apparatus for influencing transverse dynamics of a vehicle, for a chassis intervention is carried out when an intervention condition is met. A focus can be scrolled through the rows of the display and a row selected. The invention is designed to provide a report with test results. The pre-call message is played to the one or more intended recipients during the ring back period in response to determining the incoming call is from the one or more intended recipients using the identifier. The pharmaceutical composition can be administered to a patient as a liquid, and gels after administration into a sustained release drug delivery system from which the biologically active botulinum toxin is released over a multi-day period thereby localizing the drug as a depot and controlling release to enhance the therapeutic effect per dose.

1459827637-dc459b31-1441-4b21-9f35-72d76820e0e4

Methods and apparatus are provided for providing PCI Express support. The amplifier can be operated at a low or no power level during an integration period of a photodetector to reduce power dissipation. In general, the light modules are adjustably coupled to the luminaire via a coupling structure that provides one or more adjustment mechanisms for adjusting the orientation of the light modules for adjusting an output directionality of the luminaire, while substantially maintaining the spatial profile of the luminaire. The image fixing unit includes a magnetic flux generator, a heat member, a magnetic flux adjuster, and a controlling member. In many cases, the copying costs are eliminated too.

1459827638-1338df78-cb96-4429-8ca6-efc2e090ebf2

Embodiments are directed to providing access to a resource over a network. Depending on a context, the wireless device changes its operational behavior in accordance with a defined profile, when a context parameter changes. Additionally, in the case where, from the detection unit, a signal of the same rotation direction is continuously inputted twice or more times, a determination that an internal combustion engine is in a stop state is cancelled. A determination is made, based at least in part on the screen data, whether any video assets in the video mosaic page should be blacked out. The first and second connecting members cooperate in the open position to fixedly connect the lid to the body so that the dispenser is stably placeable on a horizontal surface in the open position with the body

sidewall being angled to the horizontal surface. The polypeptides can be used to prepare vaccines against mycobacterial infections and for serological diagnosis of mycobacterial infections.

1459827638-5adabef2-1145-481c-bf32-7cd00002fc65

A point-of-sale self-checkout terminal includes a code reader device for automated entry of a product identification code present on items for purchase and a customer input device for receipt of data from a customer. The 100-yuan banknotes recognized by the recognition unit are transported directly to the to-be-bundled money stacking section through a transport path, bundled into a batch by the bundling device, and stored in the bundled money storage chamber. The method and device are useful for rearchitecting the spine. Said conical recess is provided with slots at its sides for connecting with a socket. The mobile base includes wheels and a foldable frame carrying the juvenile seat. Each recess is configured as a slot which extends in parallel relationship to a circumference-proximal side of the permanent magnets.

1459827638-f9308e32-875d-4549-8efe-db150501774c

An ink jet ink including a self-dispersible pigment, a salt, a polyoxyethylene alkyl ether and a water-soluble organic solvent. The ultrasonic detecting element detects an ultrasonic wave. The system determines whether an entry in the buffer contains valid information. Thereafter, the changes in magnetization are detected by a pair of solid-state magnetoresistive sensors arranged in gradiometer mode.

1459827639-41a762a5-d41f-44d1-804a-d70bfae07e84

A photonic guiding device and methods of making and using are disclosed. When a single tester channel is to access multiple IC pads, the probe card provides a branching path linking the channel to each of the N IC input pads. The internal combustion engine drives the generator device. A second capacitor is coupled between the third conductive path and the second conductive path through the first inductor to provide a second series inductor-capacitor circuit that shares the inductor of the first series inductor-capacitor circuit. The supporting unit 360a supports the rod integrator 300 by pressing of the screw 362a along the direction of the diagonal of the rod integrator 300 via the supporting member 361a. The zinc salt may be zinc nitrate hexahydrate, the first additive may be benzyl alcohol and the second additive may be urea.

1459827639-5572b006-3fd0-4d83-a3bd-f02502a4c29c

A nesting chair includes a self-supporting base with a pair of leg members. The animal control device is deployed such that the target pest animals in the protected area will be attracted to touch the device and so will contact the electrodes, receive an electric shock, and be frightened from the area. The fiber optic module can be hot inserted into a module cage which has guide rail slots for mating with the guide rails of the fiber optic module. If the optical element is not cleaned within a predetermined time after the warning, a kill command is executed to prevent the player from cheating. The memorabilia system and method are operable to accommodate at least five generations of infant home journeys. Receiver circuitry receives and separates an upstream signal from the subscriber line into an upstream voice signal and an upstream data signal.

1459827639-aaaa9359-d370-496f-98f2-a9a49d159810

A thin generally rectangular package for containing a farinaceous product such as dry mixes, cereals and the like including a portion that is removable from the carton with out opening or destroying the integrity of the package. A plurality of OELDs have the same shape, and gradation can be implemented by controlling the number of OELDs that emit light. In addition to authenticating the good, the system may also authenticate the user and provide different information to different users and/or limit information that is provided unauthenticated users. Finally, a master controller for controlling the operation of the card transport mechanism is

installed. Alternatively, the silicon carbide layer may be deposited by reacting a gas mixture comprising hydrogen or argon and an organosilicon compound in a plasma. The cooking utensil retaining apparatus includes a flat elongate member with a plurality of bends designed to be releasably attachable to a user and accessibly holding certain cooking utensils while working.

1459827640-039c0214-724e-43de-95d7-b851dbff703d

A system and method for aggregating services within a VoIP network. The black matrix divides a plane surface of the transparent substrate into pixel or sub-pixel unit to form a light-shielded area and openings above the plane surface. Accordingly, an existing drive or apparatus for recording and/or reproducing data on and/or from an information recording medium can smoothly record and/or reproduce data on an information recording medium that is of a higher version than the existing drive or apparatus.

1459827640-5f116951-32b4-47e1-a9ac-adbc43998675

An inlet air dynamics characterization control system for an internal combustion engine includes a first module that estimates a future firing event manifold absolute pressure and a second module that determines a MAP cycle difference based on the future firing event MAP and a previous cycle MAP. The transistors include a gate and diffusion layers. The spectral estimation determines a dominant frequency component in the frequency response estimates and derives the measured arrival time based on this dominant frequency component. One of the three-terminal regulators is configured as a voltage regulator. The thermoplastic elastomer composition comprising.

1459827640-d73cd58f-2ad5-4185-ad86-a66df0db4480

An electrical generator is driven by gravitational force provided by a plurality of pairs of water tanks. A total magnetic field is measured during a calibration routine prior to a drilling procedure. The pipeline register stores a data validity flag and a WRITE control flag to control writing data into a general purpose register unit. The method also includes heating the suspension from a side of the suspension opposite to a side of the suspension in contact with the photo-thermosetting adhesive with a heated gas-stream. However, in response to detecting that the prediction is incorrect, misprediction behavior is inhibited. The flux of light emitted from the light source is entered into a deflection surface of the deflecting means at a limited angle in the sub-scanning section and, by setting parameters in a manner that satisfies a given condition, the pitch unevenness can effectively be reduced in the optical systems.

1459827640-d8708966-fc5a-41ea-ace5-9386cb61cf4b

Compounds of formula I are provided: wherein each of R1, R2, y, m, n, and Ar are as defined, and described in classes and subclasses herein, which are agonists or partial agonists of melatoninergic receptors. Said pairs of rails each consist of two U-shaped rails, an upper rail and a lower rail. By means of signal recognition electronics of the circuit arrangement, the output signal is transformed into a recognition signal representative of the signal class. The pores formed inside the carbide-derived carbon can be expanded during the activation process in the preparation of the carbide-derived carbon-based anode active material.

1459827641-872bd45c-1854-4cfb-80c8-cd071ea42ced

Embodiments of an invention for inter-processor attestation hardware are disclosed. The fiber laser system includes a focusing optic configured to focus the output beam of the system so that it propagates through an elongated slit formed in the bottom of the housing. In one or more embodiments, the birefringent layer alters the polarization of the light reaching the viewer's eye if the user is wearing polarizing glasses or lenses so that less light from the display is blocked. Wireless stations are load balanced across APs so that user bandwidth is optimized. Thus, the metal oxide having a superior step coverage and a high dielectric

constant may be formed using the organic metal compound by an atomic layer deposition process. The semiconductor memory device further comprises common data bus line pairs each connected via switch transistors to the corresponding memory blocks, a readwrite amplifier for performing a data readwrite operation through the common data bus line pairs on the memory blocks, and an SRAM cell electrically connected via switch transistors to each common data bus line pair.

1459827641-96d664ec-cfa3-439d-a8b3-c4839b6d7bbc

A communications system may include a first wireless communications device communicating based upon a first wireless communications protocol, a second wireless communications device communicating based upon a second wireless communications protocol different from the first wireless communications protocol, and a wireless base station. The coating composition may be applied by a spray coating technique or a roller technique. This step is repeated for every independent parameter.

1459827641-cd458fc6-2b79-4570-94ee-d0eacbc3c2ac

A bale transporting apparatus includes a frame, and ground engaging apparatus mounted on the frame for supporting the frame above a ground surface and permitting movement of the frame across the ground surface. The tester records a specific magnetic pattern onto a magnetic disk in a magnetic transfer method. The magnetized magnetic layer or a polarized electret material provides a predetermined magnetic or electrical field pattern. Additionally, the top blade has an outwardly tapering shape, such that upon completing a cutting operation a remaining portion of the severed railroad rail may be held and clamped by the jaw set for transportation or further processing. One of the plurality of register stack frames is a current register stack frame. The present invention relates to a method of manufacturing monodisperse spherical metal particles characterized by passing liquid metal through a porous membrane so as to disperse the resulting liquid metal particles in a continuous liquid phase.

1459827642-3c7c05c8-8a2d-4674-9816-c5e79a07fcbb

The present invention provides an apparatus and method of reporting logged measurements in a wireless communication system. The parallel-to-serial converting unit converts parallel signals into a single-ended signal. The relay controller is configured to open or close the first relay or the second relay in response to a power requirement indication. ELISA plates are described that permit the detection of anti-lipoidal antibodies and that permit the co-detection of nontreponemal and treponemal antibodies in biological samples.

1459827642-97721dbd-59a4-41eb-ab2e-87a3b3d4ae1a

When a storage capacity of a file server is expanded using an online storage service, elimination of an upper-limit constraint of the file size as a constraint of the online storage service and reduction in the communication cost are realized. Pivotaly attached to the first and second gripping arms are separately formed first and second link members each having first and second ends. The combination determination unit compares the detection information of the mobile object sent thereto from each of the mobile object detection unit with a predetermined condition to determine that a target mobile object is detected-when the detection information satisfies the predetermined condition.

1459827642-b290531c-6da5-4731-b753-247f95f5e36f

A system for identifying digital content related to a portion of a block of text receives, automatically or via input by a user, an indication of one or more words included in the block of text. The belt loop cover is preferably attachable to and detachable from a belt loop and provides a decorative element for clothing. The y-direction stutter count provides the estimate of pixel stutter from pure statistical data variations. A user display preference based on one or more of the header attributes is received and the e-mail message is displayed on a display

device in accordance with the received user display preference.

1459827642-caff849d-0adc-40fb-a802-9b0946220858

There is provided a system for the delivery of inhalable medicament comprising a monitor for monitoring the breath cycle of a patient, a medicament container having a release mechanism for releasing inhalable medicament therefrom, and an actuator for actuating said release mechanism, the actuator being actuatable in response to a signal from the monitor. A sensor is configured to scan for discoverable Bluetooth devices within a flow of vehicle traffic and to create a log of identified Bluetooth devices. Furthermore, the exposed end portion of the lead is formed to spread toward the outside. One form of block-to-instance assignment may be based on mastership of the blocks.

1459827642-d8e6f996-4064-43b6-ae94-81f014f44371

The present invention provides a method of removing electrostatic charges from a clean room with a laminar flow apparatus. The methods can include performing an amplifying step, a hybridizing step utilizing a SNP specific hydrolysis probe including a hairpin structure toward the 3' end, and a detecting step. The cord holder includes a leading edge, a leading edge groove at the bottom of the leading edge defined between a pair of hoof-like feet, a cord space beneath the cord holder, a vertical groove beneath and approximately aligned with the neck of the hook retainer. The flow control device is disposed between an internal flow space of the injection string and the reservoir rock opposite said positionzone, and said device is hydraulically connected to at least one through-going pipe wall opening in the injection string, and to said reservoir rock. Aircraft emissions, both on the ground and in the air may be determined using tracking data.

1459827642-e79fe88e-bcb8-4f2a-a40e-efa083286784

A heart-rate variability analysis apparatus comprises an electrocardiogram information detecting unit, heart-rate signal calculating unit, breathing signal calculating unit, and heart-rate-variability information providing unit. The machine includes a bill dispenser, a receipt printer and other transaction function devices. The top surface has a first opening formed therein that is formed at a location that permits a consumer to see the shirt or other item that is contained within the box. ¶ Thus, between adjacent body wedge blocks a flow passage for cooling air is created that allows gradual contraction of the flow from the endwinding region toward the subslot ducts, thereby reducing pressure losses. In addition, the tubing hanger housing includes an annulus and an annulus passageways in communication with the production annulus and the separated area, respectively.

1459827643-2ad3acb0-16f2-4a10-9399-0f35604e79ae

An apparatus comprises an extruding device having a dispensing opening for extruding a flowable material along an exit direction through the dispensing opening, and a cutting arrangement for separating a dose from the flowable material, the cutting arrangement being movable with a motion component that is parallel to the exit direction. The mirror head is pivotable about a first pivot axis relative to the mirror base from a position of use into a parking position. A synthetic barcode module detects the presence of a barcode scanner and produces light output that emulates reflected light corresponding to a scanned barcode.

1459827643-3fff5b1a-fb61-40e3-8b68-8ed96bdfb7f5

A phase selectable divider circuit includes a select circuit receiving a plurality of signals having a common frequency and a different phase. Scrambled content may be recorded in all conditions, however, only authorized copies are processed for descrambling and viewing. A device for carrying out this method is also disclosed. In one embodiment, position adjustments are based on the detected angular position.

1459827643-d62dedd0-9c21-4e06-941a-da1757edd2bb



A light-controlled light modulator can achieve high-speed, low-loss wavelength conversion. A pitch circle radius of a driven side gear of the drive mechanism is continuously and progressively increased from a maximum cooling position side part to a maximum heating position side part. The DC-DC converter includes an inductance element and a switching element, and performs voltage conversion by storing energy in the inductance element from an input power source when the switching element is on, and discharging the energy, the energy being stored in the inductance element, to a load side when the switching element is off. 6 wt % based on the total weight of the curable liquid and that silicon modified or fluorinated polymerizable compounds are either absent or present in the curable inkjet inks in a concentration of less than 20 wt % based on the total weight of the curable inkjet ink. As the tank is heated by being lowered downhole, nitrogen desorbs from the zeolite and the gas pressure increases.

1459827643-dd93232a-8062-42ab-bdb9-b91d953cc97e

A vacuum drainage system operable to remove waste from a source. Provided by the invention are the seeds, plants and derivatives of the soybean variety A1036170. The mounting structure includes spring fingers which snap over the core.

1459827643-e65808d2-8a91-49d8-a858-471c7a4cf2ed

A thin film transistor array substrate and a manufacturing method thereof are provided. The apparatus provides for the production of a large scale volume of hydrogen peroxide by the generation of a liquid bearing bubble cloud. , acquiring the presence of a packet of data and associated timing information. The magnetic poles are provided such that a distance d, between end surfaces of the magnetic poles and the conjoined body decrease from the interior to the outer periphery of the conjoined body. The seat can also be folded into a small package when not in use.

1459827644-24cf6dbf-cc80-4aec-b1d9-ec1a3e5067b8

A method for self aligning a lapping guide with a structure of a write pole. The heating element is arranged between the chamber and thermostat, so that the thermostat's response to the heating element mirrors that of the load in the chamber. 5; performing a discrete Fourier transform of N4 points on the pre-rotated data; and post-rotating the data transformed by the DFT by using a rotation factor  $b \times b7WNk+0$ .

1459827644-4adb20ec-05b7-4948-9e51-a79b2844aea4

An image receptor medium is disclosed as having a non-porous base medium and an imaging layer. 10 mPa or more at 25°C. The noise canceling pickup with an electret, can be used in the higher frequency band and in a wide frequency range to cancel the noises more effectively. In this new technique, a set of tuning parameters is determined which accounts for degradation by representing the overall effect of the larger set of health parameters as closely as possible in a least squares sense. Thus, unnecessary electromagnetic emission is alleviated while satisfactory communication quality is secured.

1459827645-2e85c16a-be18-4e6c-9ecc-fc91d907bb0b

A technique facilitates use and installation of a large bore completion system. Logic is included in the image sensor system, that when executed transfers clock signals from the host controller to the image sensor through the first terminal of the image sensor and also transfers one or more digital control signals between the image sensor and the host controller through the same first terminal. In one embodiment, the SHP specific inhibitor is NSC119910. A releasable locking means holds the front panel closed against the rear panel, and can be unlocked so the front panel pivots open, creating a first open position wherein contactless smartcards can be accessed in both card holding means. The pressure medium supplying device communicates with the pressure medium introducing space via a pressure medium introducing opening formed on a bottom portion of the high pressure

vessel.

1459827645-6d69b5b8-cbe7-4611-9f9e-ae6b2adb66eb

A method and device for creating hanging drop cell aggregates. Individual stringers of a pallet matrix are interwoven together, with stringer notches interlocking with notches of crossing stringers from both above and below any one stringer. This method is best independent of prior mask versions, and uses no prebuilt matrix of backup/alternate entries. Likewise, air at a third set temperature is supplied to the intermediate zone. Also disclosed is a microfluidic device having an array of microfluidic structures, each connecting at least two wells of a well plate, and connecting three or more wells in alternative embodiments.

1459827645-726205b9-b387-4c83-925c-c6019ac0c1a7

A protection frame has a frame body and a supporting arm. A global time signal from a global time reference or common time source can be used to calculate a common view based clock offset between the two clocks. The input line is used for inputting electromagnetic signals. A beam with multiple webs extends between the bottom plate and the top plate. The power spectrum measurement system includes a detection circuit and a processing circuit.

1459827645-7ceb22a2-7dc5-42f9-a6fb-c4b30faa910c

The present invention discloses a linear compressor which can rapidly overcome load and improve compression efficiency, by synchronizing an operation frequency of a linear motor with a natural frequency of a movable member varied by the load and varying a stroke of the movable member according to the load. The carabiner mounting members are mounted or mountable spaced longitudinally apart along the each top rail. The variety is distinguished from \u2018Driscoll El Capitan\u2019 and \u2018Driscoll Venice,\u2019 in particular, by its height, longer petiole length, longer fruiting truss length, open canopy density and moderate susceptibility to powdery mildew. Embodiments described herein may provide inexpensive sensors with high selectivity and sensitivity. The prosthetic heart valve is configured to be collapsed for introduction into a patient using a catheter and to be expanded for deployment at an implantation site.

1459827645-aa301fb4-f3db-4857-8859-f189655042dc

A portable auto-injector configured to store various wet and dry medicament components separately. The wireless telephone includes an array of microphones and a DSP. The polyacetal resin composition of the present invention is provided with flame retardancy while maintaining the excellent innate properties of polyacetal resins, so that it can be applied to the fields where the use of polyacetal resins has been restricted. Processing unit 236 may operate under control of software stored on a memory to control a switching circuit.

1459827646-3dcaf533-b582-4e4f-8339-a40bdc1a9ef3

A dehooking device with a slidable bite sleeve having a rod with a spiral looped hook removal end, handle, and a slidable bite sleeve. The light guide is made of transparent material through which light passes. The virtual connect device virtualizes connections between the physical server or servers and a network infrastructure. The interconnection port is on an outer side of a MOS pair region including the PMOS transistor, the NMOS transistor, and the region between the PMOS transistor and the NMOS transistor. Inbred maize lines derived from inbred maize line PHE35, methods for producing other inbred maize lines derived from inbred maize line PHE35 and the inbred maize lines and their parts derived by the use of those methods.

1459827646-a20f00db-fd8b-470b-9ec5-fe76ab0a0cc1

A photoelectric sensor amplifies a received light intensity signal generated through light projection processing and light receiving processing, and performs detection processing using the amplified received light intensity signal. An upper

bound and a lower bound for an energy detect threshold parameter are determined. The optical probe is constructed and arranged to detect in a selected tissue region of the subject a manifestation caused by the delivered drug.

1459827646-f8628b9c-d105-4e8f-b32b-7209493beba1

Provided is a cable with a connector having a form in which a connector is fitted to a cable. The mixing tube is connected to a settling chamber for allowing settling of the flocculated contaminants and for supplying clarified water at an outlet of the settling chamber. Based on the signaling messages, it is determined whether a war dialing event has occurred or is in progress.

1459827647-578c2ecd-d385-4b37-aa00-4656988c70ba

Generating an optimized supplier allocation plan includes identifying parts and suppliers associated with an allocation problem, where each supplier can supply at least one part. A solderable contact layer is then formed over the passivation layer. The dowels may be positioned in different sockets to accommodate different size bags. Filters with various configurations are disclosed for accommodating the removal of contaminants from the process streams of different industries, with high efficiency for contaminants removal, simple construction, low operational and maintenance costs, and low hazardous operation. An intermediate brace engages the base when the outboard ends of the leg supports are disengaged. Here, a violation is permissible when using monotonically increasing virtual channel numbers or monotonically decreasing virtual channel numbers.

1459827647-d1d43269-bc69-40df-9bc3-13faee487d42

There is disclosed a data storage system used in a computer environment where there are plural host computers and plural storage array controllers. Slider including components controlling the air flow to maximize FOD efficiency and/or including specific components minimizing an air bearing pressure under a Flying height On Demand operation away from a maximum air bearing pressure, placing a peak pressure off of an FOD area created by a FOD protrusion, and shrinking a high peak pressure area of the air bearing surface. Whether the mark count value corresponding to the logical page is greater than a predetermined threshold is determined. The chuck claws are used to hold, that is, clamp the disc on the turntable.

1459827647-e48ff061-95d9-42d5-91ac-b319c6748255

A process for the preparation of bitumen foam, wherein a gas is dispersed into the bitumen with a temperature of less than 200°C. The mounting device can also include at least one through pocket, connected to the recess, into which an actuating tool can fit. Various device embodiments comprise a port to receive a neural activity signal, and a feature extractor adapted to receive and process the neural activity signal to produce a neural marker that includes information for the neural activity signal. Finally, the method generates, during runtime, a dynamically allocated database for the second device that provides a second set of error handling data. 6 electron volts lower than a lowest energy level of a valence band of the hole injection layer in terms of a binding energy, has a surface facing the functional layer, and has a recessed structure such that a portion of the surface overlapping with the light-emitting sublayer is located closer to the anode than other portions.

1459827647-f841f3c1-4263-4c4b-bb02-e3d63fa5a62e

A method for selecting an operating mode for a frame-based communications network consisting of a plurality of stations attached to a transmission medium. In setting the stator coils on the coil holder, the stator coils are sequentially set on the coil holder in a predetermined direction, which is a coil setting direction, from the starting stator coil so as to overlap one another. The linkage element has first and second arms, which have opposing, inwardly facing arcuate engagement surfaces for engaging the valve pin guiding element. When a user selects the CMC module from the onscreen display, the user is presented with a text console, where

the user can login to a text terminal interface of the CMC module. Wavefront measurement systems and methods may help position and isolate the eye from ambient light. The invention also relates to an additional device, a corresponding method and a computer program.

1459827647-fe8e5e35-4093-4480-838f-58838dc22b55

A cam barrel 19 rotates in one way in varying a power to move four lens holding frames in the same direction by displacements of four cam openings 33 to 36. One example integrated circuit includes a threshold detection and timing circuit that is coupled to measure a signal during an initialization period of the integrated circuit from a multifunction capacitor that is to be coupled to a first terminal of the integrated circuit. A more robust orientation mechanism which minimizes rotational movement of the associated piston when it is fully seated within the booster housing is provided for. The adjusting member also has two engaging slots adjacent to another side of the through aperture and an assembly device having an assembly base.

1459827648-05a5adfc-5084-4961-a521-867beff23983

A modular fundus camera including an adaptive optical module that detachably interfaces to a fundus camera body and image capture subsystem. The field coils are placed over necks of the pole path pieces and the return path pieces are affixed to the pole pieces. In a preferred embodiment, the system includes a display for displaying the digital image. This allows the designer to quantify and take advantage of design practices that make all transistors similar, for example, by orienting all gates in the same direction. The retainer and captured nuts are attached to the member to form a retainer assembly, which holds the member and nuts together until the member is installed on the studs of the larger assembly. A water receiving means is provided at a side wall of the body portion.

1459827648-675a3047-c721-46fb-bab3-26e934fb36be

Taking a set of unlabeled images of a collection of objects acquired under different imaging conditions, and decomposing the set into disjoint subsets corresponding to individual objects requires clustering. The equalizer generates signal levels as a logical function of bit history to emphasize transition signal levels relative to repeated signal levels. A process for producing a set expanded foodstuff, comprises the steps of passing a soft foodstuff composition which may be in at least a partially expanded condition and which contains a vaporisable expanding agent, at a first temperature and a first pressure into a setting region at a second temperature, said second temperature being lower than said first temperature. The liner aft end support mechanism includes at least three individual support elements configured to allow a part of the individual support elements to move in the flow direction relative to at least one of the liner or the casing.

1459827648-d48fc01a-df00-41fd-acd2-f672a912aec0

Registration information is sent from a customer to a registration system over a network. The optical device further includes a first optical layer which is at least partially transmissive and at least partially reflective to incident light. The printhead defines a plurality of raster lines extending over the intermediate transfer member at a non-perpendicular, fixed angle vector relative to the advanced direction.

1459827649-1ea133ca-994a-4b5d-af25-db001df573c6

An inline repeater that uses a forward-pumped DRA that can use a pumping light source such as an FBG pumping light source and a fiber laser, which are the most commonly used, and an optical fiber communication system are realized. The fusion protein is present as a trimeric complex or as an oligomer thereof. Over the semiconductor substrate in a part exposed from the second insulating film, a semiconductor layer, which is an epitaxial layer for sourcedrain, is formed. At least one event signature match is found that comprises information for an event

being logged in a event log, and is associated with the dependencies. In such an aspect, the communications device is a member of the group of UEs. An external programming terminal is selectively coupled to the internal programming interface circuit through the coupling switcher.

1459827649-b0b245c4-1188-4a0b-879a-dc9c7116c35d

An LED lighting arrangement on a flexible substrate. A plurality of connection terminals is installed on the terminal set for electrically connecting other devices. An electrical connection is formed between the bus-bar pattern and the bus-bar terminal piece using male and female connections. The service mapper may thus map the service to a selected device of the plurality of devices for deployment thereon, based on a matching of corresponding elements of the service requirements and the device characteristics. Electronic watermark inspecting processing with heavy computation loads is performed vicariously for judging whether or not duplication of contents is permissible.

1459827649-c786d0bf-728d-4ac6-89ef-d538da6324be

A method of storing data includes receiving general purpose data and special Error Tolerant or Streaming data, storing the GP data using a data storage method, and storing the ETS data using a different data storage method which affects the access rate, resilience to errors, data integrity, storage density, or storage capacity. The blade and blade supporting structure are engagable along bearing contact locations that are spaced apart in a direction parallel to the axis so that the blade is stabilized both radially and axially as the knife operates. The two rotor blade portions may have dissimilar angles of incidence.

1459827650-4b890ff8-f703-42d2-b874-73df444a0ded

A method for removing mercury, and in particular elemental mercury, from a fluid stream by blending the fluid stream with a second stream comprising iodine. The particles interact with the matrix in the form of a high-speed jet generated and energized by an explosion of an explosive material that contains the premixed powdered components of the working medium composed of particles of a hard material and ductile metal, and if necessary, with an addition of a process liquid. The receiving side is provided with an AC-coupled receiving circuit 4 for receiving the light intensity modulated signal and extracting therefrom only an AC component, and a discrimination circuit 5 for discriminating the rise timing from the received signal. In the present invention, for the solder balls contacting the contact pads of the circuit board directly, which reduce the space that a connecting socket used in prior art and improve the usage ratio of the layout on a circuit board.

1459827650-547489e8-899d-4166-83c7-56097b10ef56

The invention relates to a method, in which from two images of a security element, which are recorded with right-handed and left-handed circularly polarizing filters, a differential image is produced, on the basis of which the authenticity of the security element is tested, and an apparatus for carrying out the method. The method comprises forming a portion of a field oxide in an integrated circuit so that the field oxide has a gradual profile. A call is placed to a destination device while the mobile device operates in the second communication mode. Once the second BMC does not response to the second message in a first predetermined time period, the electronic device recovers the firmware of the second BMC using firmware of the first BMC.

1459827650-7aea43ef-42b6-47be-9445-aae1e1f8e2a7

Methods and apparatus are provided for determining quantization parameter predictors from a plurality of neighboring quantization parameters. The techniques include receiving an identification of a pattern, generating configuration data for the pattern, and storing the configuration data separately from the pattern. The present invention also allows one to achieve material with unique properties and handling characteristics. The resulting code symbols from all sub-channels are then

merged into one set of symbols.

1459827650-9ccde052-49b1-4797-a765-9e72ef905ee0

A microwave antenna feed arrangement provided with a unitary body with a feed bore between a launch end and a back end of the body. While achieving the desired axial restraint, the system is configured to allow remote manipulation of the locking system. Dependent upon the type of product or service involved, a schedule for continuously submitting post-sale market data for the product or service may be provided and the consumer may be encouraged to submit post-sale market data in accordance therewith through a variety of incentives. A plurality of despreaders are connected to the RFIF section, each despreaders despreding the I and Q components of the combined signal into a despread signal.

1459827650-9dafb75d-6a83-4df5-b626-bc15e826cd39

A data acquisition method and an electronic device are provided. The device may also include a parting line detection unit, which may be configured to receive the input image and detect a parting line that separates two sides of the input image. The end of the item is gripped after insertion of the item, and is cut off and ejected when the pulling is completed.

1459827650-a2e651af-64a4-42cd-9efd-82b9c124ca2d

The present invention is directed in general to a LCD-panel, and particularly to a LCD panel whose gate drivers are assembled without a printed circuit board. The attributes are comprised of individual linked values having conflict-resolution data that indicates a change to an object at an attribute-value level. The #1 branch beam is supplied to a portion to be machined, so as to machine the portion. A cable means is coupled to the energy delivery device means.

1459827651-31ff68fe-7b3b-4dca-b9ee-879c1d5afa9e

Compositions for reducing the formation of dust and methods for making and using same are provided. The housing is formed in two parts and defines pillar blocks for journalling the or each balancer shaft. In order to reduce the surface roughness of an FRP substrate, the FRP substrate is coated with an organic insulating solution and thereby planarized.

1459827651-390da424-c386-4c05-97e1-60f4126af6c0

Provided is a system and program for automatically handling an error when retrieving a file for an application. The relationship between the Base Object and the Related Object may be any one of one-to-one, one-to-many, many-to-one or many-to-many that can be defined while deploying the CRM application. The retard roller is arranged to oppose the main feed roller and gives to the sheet with which the retard roller is in contact a force to convey the sheet in a direction opposite to the sheet convey direction.

1459827651-9e3fceca-bfb7-481f-ac0c-2f73e4139bc2

Disclosed is a light guide panel using a laser stamper, and a method and a device for producing the same. With the use of electric charges on the surfaces of particles, the particles and selected polymers are allowed to electrostatically bind to each other, such that the surfaces of the particles are coated. The operator command specifies velocities along two orthogonal axes and those velocities are transformed into an angular velocity and a length velocity for the member. Accordingly, the flexibility in design of the present invention allows control of the performance of the superconductor and is cost effective. In a third stage, a position of the mobile device on the identified building level is determined. The rotary encoder generates a signal in response to rotation of the roller, raising the print head to preclude damage.

1459827651-d2deb763-d010-4cdb-b002-8c1bd4fa41b0

A first electrode and a sacrificial layer are sequentially formed on a substrate,

and then first openings for forming supports inside are formed in the first electrode and the sacrificial layer. By a combination of electronic sensors onboard the pointer and external calibrated cameras, a host computer equipped with an RF transceiver decodes the orientation sensor values transmitted to it by the pointer and computes the orientation and 3D position of the pointer. An electrode portion is connected to the displacement detecting portion.

1459827651-ea063db3-30f8-4ce8-ac98-b2b0882a01e5

An approach for transmitting packets over a shared communication channel is disclosed. The present invention is particularly suited for an electro-optical detection system equipped with an optical dome or window. The methods of achieving stable transformation disclosed herein include tissue culture methods and media, methods for the bombardment of recipient cells with the desired transforming DNA, and methods of growing fertile plants from the transformed cells.

1459827651-ef90bf10-2010-4897-bd3b-ec57f90acd11

A process for enhancing chemical stability, corrosion resistance and for improved adhesion characteristics is described for use on metal or metal-alloy non-consumable electrodes, current collectors or other metallic articles used in electrochemical cells. The device includes a housing having a storage container with an oblique base and an air conduit opening into the base and of a deposition device that is positioned above the storage container. Accordingly, the gain change of the AGC loop is done within the Guard Interval in order to avoid signal distortion in the output signal, thereby the DAB receiver having high fidelity is achieved with low cost.

1459827652-71dd3c2b-70ea-4418-8b56-d84cf45d9ea3

A fluid injector has a housing, a valve body and an actuator unit inserted into the housing. Service placement decisions are made in a way that accounts for performance and availability requirements of both the service being placed and other services. A value for each parameter of each of the algorithms that are to be optimized is supplied.

1459827652-bf8c114d-70cf-4cd1-9222-766296836c78

A method and system for determining the location of plural devices operationally coupled to a computer system using a 1-Wire bus is provided. The fuel barrier may be made of the polymer of a macrocyclic compound having, in the same molecule, preferably three substituents that allow polymerization and crosslinking. The locking tab protrudes from the outer surface of the cylindrical body and is configured to interface with a detent formed in the barrel to limit rotational movement of the cylindrical body relative to the barrel. The propulsion unit is operable such that in at least one interval of the ground speed of the tractor, the electrical fraction of the power delivered or absorbed by the electrical machines is zero.

1459827653-f11e47c5-d5ca-4955-a579-436c16dc3489

An optical storage media management system and process for storing and organizing a relatively large collection of optical discs in the form of a display binder with a plurality of display sheets including associated indicia matching a positional identifier indicating the location of the disc. A request is received from a partition within a plurality of partitions in the logical partitioned data processing system to access error information. The invention also discloses a method of manufacturing such a head stack assembly.

1459827654-2e7b1b94-e56d-45b5-8c71-6b34bd6fbf29

An eye drop device and a method of applying eye drops to the eye are disclosed herein. An address for the memory cell is determined. The damper is configured to be operated by linear movement of the third operation element in a prescribed range set between a use range and the stored position, when the sun visor body rotates to

the stored position. Action unit execution device executes the action defined by the selected action unit for a preassigned execution time by rotating left and right leg driving wheels in a driving mode including a combination of forward rotation, reverse rotation, and stop. The Tesla coil may repetitively burst the electric field such that pulses of electric current are conducted to the electrical target.

1459827654-76936183-4990-4e1d-ade4-520753b849d1

A method and apparatus are provided for treating hydrated material in a fluid that contains water in which a stable nitroxide is attached to the hydrated material. In certain embodiments, machine interfaces such as remote control devices for operation of various devices are provided. Then any corrective actions that were taken to address the at least one previous instance of the error conditions are determined and possibly used to resolve the current error condition. The processing network maintains a history of the authenticated transactions and voice samples. The radiation beam is arranged to have a predetermined polarization state and the redirecting elements are arranged to provide a minimum radiation loss in relation to the predetermined polarization state of the radiation beam. The stress layer may comprise a flexible material.

1459827655-3eb69f5c-cf5e-47fe-8558-ef119f87e80f

The present invention provides a technique for producing acetone in a high yield from hydrated ethanol derived from biomass, without requiring a large amount of energy. The interface adapter is configured to convert transmissions received from the host device to the second interface protocol and to convey the converted transmissions to the plurality of storage devices. One of the clamping portions pivots about a pivot point for clamping the knife and for releasing the knife so that it may be easily removed from the knife holder.

1459827655-d7939c7b-27c0-413b-9a01-f880811268ee

The present invention relates to chemical compounds of Formula are as herein defined, pharmaceutical compositions, and methods of use in the treatment of conditions or disorders mediated by TNF-alpha or by PDE4, including but not limited to rheumatoid arthritis. The sample is placed on the stage such that the center of the sample is substantially aligned with the center of rotation and a measurement assembly is located above the sample to examine the features optically. An appropriate shape of the blank has a base section and an arcuate section associated with the base section. On the basis of the notified result of the determination, the CPU controls a display unit, a speaker, a light generating unit, or a vibration generating unit to generate a predetermined stimulus in order to notify the external access.

1459827657-299baafe-7051-4ce0-99be-89126851cf6b

A fan operating status monitoring system includes a detecting module to detect pulsation currents generated by the rotation of a fan, and further convert the detected pulsation currents to voltage signals, thereby allowing a differential magnifying module, a first processing module, and a control module to process the pulse wave signals in orders to measure the rotation speeds of the fan. The system and method use existing hypertext transfer protocols and is capable of transmitting real-time asynchronous data between server and client regardless of firewalls or proxy servers implemented at the client or the server. Also provided are methods to detect the presence or amount of two or more vitamin D metabolites in a single assay. A web object is transmitted as a flow of packets and the transmission is preceded with an announcement specifying a broadcast channel and a flow number.

1459827658-22261741-2f58-4f64-9cde-9bb56e10f673

A process for providing illumination source conditions for the accurate determination Zernike tilt coefficients in the presence of coma is described. The driving circuit is coupled to the programmable voltage generator and the back light



module for adjusting the brightness level of the light sources inside the back light module according to a plurality of driving voltage signals generated by the programmable voltage generator. Certain embodiments of the disclosed technology offer compaction ratios on the order of 1000\xd7. The blade is configured for controlled deflection about the backbone when vertical forces in excess of a predetermined force are met, to prevent damage to the surface or to the object. The vitreous layer thus formed makes it possible to prevent the build-up, on the refractory walls of high-temperature ovens, of dust or by-products coming from the raw materials and/or their reaction products.

1459827658-edfa6704-8386-41e6-ae79-ebeef5b9a9f3

A method and a device provide for the controlled feeding of a reducing agent into an exhaust gas treatment unit with a storage capability for an exhaust gas component to be reduced which is generated from a mobile internal combustion engine. First and second sets of conductive terminals are accommodated in the tongue plates and a couple of upper and lower shielding members enclosing the tongue plates for surrounding the conductive terminals. The inductive device generates an induced electromagnetic field when the inductive device receives the electromagnetic wave. The client apparatus overcomes the problem of the environment such as the luminance based on the notification from the server apparatus and then retries a biometric authentication. The reader device may trigger the temperature tag to send the temperature readings with a signal such as an infrared signal, a radio frequency signal, and the like. In particular, the holster is adapted to be worn by a user in a concealed fashion under various outer garments, the holster comprising components that are capable of conforming to various body contours and additionally being able to substantially control the vertical and horizontal motion of the firearm.

1459827659-228f847c-4a92-4297-aa94-2c2bb8cef07e

An input signal is filtered to remove aliases and a switched capacitor network undersamples this signal to provide a downconverted, near-baseband signal. The discharge vessel encloses a discharge volume containing an ionizable gas filling including at least a metal halide, two current lead-through conductors connected to the respective electrode, and a seal having sealing material through which at least one of the respective current lead-through conductors issues to the exterior of the discharge vessel. The pitch of the spiral cut can be varied to facilitate a gradual transition in flexibility along the catheter. The center side member is set larger in strength than the side sill.

1459827659-4e8d6987-28f1-43f9-8b21-fa58f1e70c26

The invention provides a device for measuring the pressure of a tire. and oxidized by introducing oxygen gas onto the surface of the substrate. The radiation-emitting material is disposed between a transparent anode and a transparent cathode.

1459827660-6fffd1e33-eda9-4847-b07f-b52f30cfe0e2

Charge storage devices need to be charged from time to time. One embodiment of the invention comprises a neuroprotective stent or device adapted for placement in an intervertebral foramen of a vertebral column and configured to resist compression or impingement from surrounding structures or forces. Such collisions clean and round the particles by chipping away surface projections and coatings without crushing the particles. A means for monitoring the brightness of the lamp load develops a brightness signal that characterizes the brightness of the lamp load. The digital main board digitizes the analog signals into a digital transport stream prior to processing. The central electronic control module can provide electrical signals to each pilot valve module which can provide hydraulic signals to each directional control valve module and to off-board hydraulics through a subsea equipment receptacle mated with the subsea control module.

1459827661-c71c6f6a-92c1-4d30-81d3-59c6013e1e3b

In one embodiment, one or more components of a user interface are arranged in a hierarchy of layers. Rotation of the rockshaft causes the disc opener units to be raised or lowered. The spacer grid includes first grid straps and second grid straps, which are crossed and arranged in transverse and longitudinal directions at regular intervals and have the shape of a flat strip, and support structures, which are fitted into the first and second grid straps around intersections of the first and second grid straps so as to support the dual-cooling nuclear fuel rods. The housing 2 contains the semiconductor light-emitting device 4, the driving element 6, and the monitoring light-receiving device 8. An electrolytic layer is disposed on the electrochromic material single layer.

1459827662-7d721c17-3889-445f-af85-6ab1e495f0bf

The invention relates to a method for the preparation of compound of formula. In order to operate the headlight more efficiently a value of the luminance is individually adjustable for each of the illuminants, and the value of the luminance of the respective illuminants is adjustable in dependence on a position of the illuminants along the first direction of extension and/or the second direction of extension according to at least one predetermined distribution function. Nanocrystals are then deposited on the altered surface of the tunnel oxide. A receiver receives the ciphertext messages and, for each received ciphertext message, performs the following operations. An examination position for the test person and a presentation apparatus for visual marks arranged at a distance of several meters from the examination position are also provided. In the coupled condition, the container extends at least partially perpendicularly to the direction of outflow of the fuel from the fuel outlet of the aircraft.

1459827662-e46a9017-d1af-410b-a83b-c95503a9d277

The combining of two technically contrasting functions of safe stopping and braking by armature short-circuiting is served by using two means for pulse inhibition to block the respective current valves in the event of a fault by interrupting respective supply voltages for driving the control valves of the upper bridge arm and those of the lower bridge arm. The slot height and or wall thickness vary with slot elevation from the base, to achieve a desired minimum Soil Threshold Angle in the slots, where said Angle parameter relates to resistance to entry of surrounding soil. The halogen-containing metal layer and the semiconductor substrate are reacted to form a metal silicide electrode. Due to the high thermal conductivity of the carbon fibers, a lower loading percentage is needed to obtain significant gains in thermal conductivity. The apparatus further includes: a sequence modeling unit for receiving from the database the contents and the feedback information and modeling the number of feedbacks as sequences based on the ranked user groups; and a post similarity calculation unit for measuring similarity between the modeled sequences. The NAT types of candidate neighboring nodes are determined by sending probe messages or from data received from a central overlay network server.

1459827663-28e348a2-da80-4fcd-b2d1-9683c9ec18f9

Prefabricated wall segments for construction of buildings. The system and method promotes the use of electronic tags, and, the funding of collective accounts that may be associated with charitable or other philanthropic causes. The frame pivots on the outer side of the glazing for quick loading and unloading of the glazing and the protective sheet on the outside of the glazing, and the frame also pivots closed to seal the glazing and protective sheets securely within the window protector assembly. They are kneaded, and the EPDM rubber is vulcanized and molded. Parameters are presented such that a user simply checks and unchecks boxes, or clicks on radio buttons, to configure network device parameters.

1459827663-f00fbcd8-4ab5-4d65-9d88-7de4fa0d8db4

A security storage container has a primary security feature that is adapted to be locked and unlocked with an appropriate key. A driving method of the present exemplary embodiment includes a generating step of generating electric charges in

the photoelectric conversion unit during a period from a first time to a second time; and a transferring step of transferring electric charges generated in the generating step of generating into at least two electric charge reception units in parallel. The first web is led over the first supporting structure.

1459827664-142c8edf-90fa-46b4-ac22-d06e7bb84618

A front loading refuse vehicle includes at least one positive displacement pump having an associated valve system in fluid communication with drive mechanism that operates a lifting arm, packer, a rear door of the vehicle, and a hoist for a refuse storage body. The system comprises a GPS terminal, a location aiding server, and a communications system. In another embodiment, a structural product formed from mixing the composition with an effective amount of water has a twenty-eight-day compressive strength of at least about 4,000 psi and, more preferably, a twenty-eight-day compressive strength of at least about 5,000 psi. Upon receiving the tag line message, the client then determines that the server is capable of using the common protocol. A bus master status bit is pegged by the host controller only when the host controller is processing an active frame. The output is for outputting the echo attenuated signal.

1459827664-e760f31b-c70b-42c9-9e9b-c8f3e0b71c4e

Energy dissipative tubes are provided, along with methods of fabricating and installing the energy dissipating tubes. The method comprises the steps of determining a difference between a time of an occurrence of a point in a scan line produced from a first facet and a time of an occurrence of a point in a scan line produced from a second facet, and determining from the difference, a scan line error for the scan line produced from the first facet. A characterpersonality data generation unit generates data indicative of a user's character or personality by analyzing user input information. A freedom for the fore-and-aft movement of the link relative to the casing is relatively less than a freedom for a vertical movement of the link relative to the casing in a direction of the trunnion axis 02 and relatively less than a freedom for a left-and-right movement of the link relative to the casing in a direction normal to both the common rotation axis 01 and the trunnion axis 02. By an external magnetic field, the magnetizations of the free magnetic material layer are rotated in phase to magnetization directions of the fixed magnetic material layers. Methods for placing the invert emulsion drilling fluids in a subterranean formation via a wellbore are also disclosed.

1459827665-1e0b1db3-293c-49cc-86cc-e6f00dea82d4

A combination rotatingtipping mechanism for an agitator arranged in an inner tub of a washing machine includes a drive member, a tipping member fixedly mounted to the agitator and pivotally mounted to the drive member, and a pivot link interconnecting the tipping member and the inner tub of the machine. A mobile station causes descramblers to descramble a received signal with eight scramble codes. A second test tone signal is applied to the in-phase modulation branch input and a ninety degree phase-shifted version of the second test tone signal to the quadrature modulation branch input.

1459827665-24112f33-3da8-4d3f-8d1d-8f4013785dba

In a ladder-type piezoelectric filter, the attenuation in the stop bands on a low frequency side and a high frequency side are increased while the pass band is widened. In one embodiment, the method includes, assigning a different parent account identification number to each differently named parent account. The sensor package also includes a sensor chip adapted to measure a current flowing through the laminar current conductor, wherein the sensor chip comprises a magnetic field sensor.

1459827665-33db1217-559f-4541-97ae-8f463cdfd565

A clamp device includes a grip member, a clamp rod, and a hydraulic cylinder, and, by the grip member being inserted into an hole in a workpiece, it can grip the

inner circumferential surface of the hole. The user text is analyzed and compared to a writing culture. The screw groove of the nut and the circulation groove are machined by moving a tool of a diameter equal to or larger than the diameter of the balls, along the screw groove of the nut so that a step is eliminated at a joint therebetween. The size reduction may be accomplished using ball milling with a solvent combination such as n-heptane and oleic acid.

1459827665-bdcc01f6-7f5e-403c-8cfc-47a7661ec0e9

A fluid reservoir for use in a remotely adjustable gastric banding system comprises a housing and a flexible reservoir pouch positioned within the housing. The stator is arranged in opposition to the rotor with a predetermined spacing therebetween. The control unit of the present invention may broadcast a neighbor beacon to at least one neighbor. One or more flexible numbers such as a metal band or cable is used which is coupled to one or both spools via a pulley. A similar method is disclosed for selecting antibodies that may be effective antibody drug conjugates.

1459827665-ffec640b-0c02-41ec-bf8d-065b08cc2a1e

A device with a number of light emitting diode chips in a reflector is formed in such a way that the direct line of sight between the light emitting diode chips is interrupted by a partition. A value of a meteorological scalar field at an initial time is determined for a set of tracers. The detection circuit configured to detect a physiologic perturbation and the heart sound feature circuit is configured to identify a heart sound feature in the electrical signal. , physiologic saline; a second inlet to receive a gas, e.

1459827666-39c96ef9-d579-4665-8814-95e7c279e535

An air-fuel ratio control system of an internal combustion engine comprises a fuel amount determiner for determining a fuel command value. When receiving a modifysetup signal from a base station, the user equipment is configured to update the MDT configuration accordingly in the idle mode and perform one or multiple corresponding logged MDTs according to the updated MDT configuration. system pressure from a high-pressure region. The interest criteria may include the number of user posts in the one or more discussion forums and/or the number of users who have participated in the one or more discussion forums.

1459827666-5eaf3d97-c601-4896-95a0-1a6e841672c8

A water current generating device is provided that consists of a main body and a horizontal axis rotor attached by a mechanical connection to a fixed support structure. One version can have a tubular recess consisting of a first cylindrical cutout housing the bipod legs when concealed and a sliding piston that deploys the legs and a second cylindrical cutout housing a release mechanism and a void space for other accessories. Then, when the position of a manual valve is changed by an operation by the driver when the vehicle is stopped or the like, the switching valve shifts a transmission into the third speed \u201c3rd\u201d, which has a larger gear ratio than the fifth speed \u201c5th\u201d, to ensure the driving force required to take off again.

1459827666-ed4246ef-b51d-45db-8fb5-868059096625

An inductor for performing a chopper operation by turning on or off a first switching element MOSFET Q1 and obtaining an increased voltage is arranged on the secondary side of a transformer 112 and on the basis of the turn ratio of the transformer 112, a high voltage at the time of stable lighting can be obtained from a DC power source 111 at a low voltage  $V_{in}$ . In at least one embodiment, the method includes receiving at a server device a request for a determination regarding which of a plurality of users satisfies a plurality of conditions respectively relating to a plurality of user characteristics, and obtaining at the server device a conditions specification. Methods for spacer removal from PFETs when a stress layer is formed over the NFETs are also disclosed. The closure element is sectioned to include an openable section which incorporates discharge element in the form of a

pouring spout for discharge of container contents, and a closed section which is adapted to incorporate carrying element such as a handle. The attribute of the pixel to be processed is determined by analyzing the N-ary data as a result of the N-ary conversion.

1459827667-312ac30f-6bda-4fde-ba96-0e4dc94cfd43

An apparatus and method for supporting common channel packet data services in a cdma2000 random access network without using a traffic channel. The increase in the first set of users is capable of causing a decrease in the capacity to serve new users of the second set of users. The dielectric layer has an opening therein. The unfolding scale is larger in value than the reduction rate, thus the unfolding FOV is larger in size than the imaging FOV. The second mold is engaged with the first mold for compelling one of the at least two cavity plates to move toward the other cavity plate so that the at least two cavity plates are in contact with each other. The invention further provides coatings comprising the films of the invention, processes for producing such films and coatings, and various uses of the films and coatings.

1459827667-66794137-ccb9-4bc9-83f5-544b2f51c748

An image recording apparatus includes a conveyance roller which conveys the recording medium, a drive source for rotating the conveyance roller, a print head and a carriage mounted with the print head. The method allows for adjusting or controlling cell size and cell size distribution by controlling temperature and/or blowing agent concentration. When operating as a projection device, the relay lens stage projects a distorted intermediate image to the wide angle lens stage, which projects the image for display. A subkey combining function is generally employed in each round to provide new round segments by combining a round segment typically linearly with a subkey segment. The interior space is interposed between the first gripper passage and the second gripper passage. Viewers may also indicate preferences regarding the movie rating.

1459827667-8dc94ecc-6db2-48a7-bcc8-9d7ede2939f7

A client apparatus is configured to communicate with a device and with a server via network. The invention also related to pharmaceutical compositions comprising such compounds, methods of treating cancer by the administration of such compositions, and processes for the preparation of the compounds. And, upon the detection of a predetermined operation having occurred on the application 120, the operator's misoperation such as double clicking is invalidated by outputting the transparent window 110 in front of the application 120. A cooling speed is calculated in each element by performing a calculation of heat transfer between the elements adjacent to each other. A clean water outlet penetrates through the threaded channel.

1459827667-cd5e9526-e007-421a-91fe-15cb8de16fed

An airfoil for a gas turbine engine includes a generally radially-extending first cooling channel disposed between pressure and suction sidewalls adjacent the leading edge of the airfoil, and a generally radially-extending second cooling channel disposed aft of the first cooling channel. The bonus game enables the player to select an award offer from a plurality of award offers. Other improved features of a parallel opening hinge are also described. The processing component also determines a position of the detected object using the selected at least three pairs of receivers and transmitters.

1459827668-4c4d2b25-6b84-4d25-9b6c-b98d27e11261

A content reproducing method is provided for continuously reproducing content being reproduced by a client device in another client device in a multimedia data providing system including a server for providing content and a plurality of client devices for reproducing the content provided by the server. In one embodiment, the track analyzer includes a track detector and a computing device. An enhancement mode junction field effect transistor is fabricated in the complementary well. When

the mirror is moved away from the intersection point of two optical paths, the input lights will directly enter into output channels.

1459827668-500c96c1-7290-414f-ae55-af06b0043540

The reliable capture of data from a DDR-2 memory device can be provided using timing signals provided by the DDR-2 memory device in conjunction with enable signals generated there from. The inspecting apparatus of the present invention comprises an integrated circuit board; a tape carrier package fixedly connected to the integrated circuit board; and a connector having a first pads fixedly connected to the tape carrier package and a second pads connected to the liquid crystal panel. When traveling around curves, however, the drive slip value calculation can become inaccurate, thereby corrupting the computed wheel radius ratio data.

1459827669-163f81ff-c3bc-435a-9fdd-c72f4a678817

A method of operating a semiconductor device, a semiconductor device and a digital micromirror system are presented. One of the circuits may be used to manage the temperature of the engine while the other circuit may be used to manage the temperature of a component other than the engine. Associated with the computer are a calculation program and an information system that, by means of a reading device, reads correction information from data media of the accessories and conveys it to the computer.

1459827669-4f336f1f-7cb1-4039-a3b5-e9ac710c708c

A time base including a resonator and an integrated electronic circuit for driving the resonator into oscillation and for producing, in response to the oscillation, a signal having a determined frequency. Organic rich liquor recovered during anaerobic decomposition is further decomposed in a secondary reactor from which spent liquor is returned to the primary reactor while biogas harnessed from both the primary and secondary reactors is treated, and optionally used to fuel the operation of the organic treatment facility or for sale as fuel or electricity. The synthesized pattern is provided by synthesizing a plurality of first uneven patterns having a linear shape which is long in one direction, and a plurality of concave lens shaped second uneven patterns arranged at random. A strain relief member is mounted in the lower compartment and tightly holds the wires against the housing to prevent the unintentional disconnection of the wires from the switches.

1459827669-cb4b41ea-2740-4edb-be01-52705a6aa8a0

A system for electrical heating of risers or pipes has at least two concentric layers of metal wires adapted to be used for low-voltage direct electric heating, each pair being provided to heat a specific segment of a riser or a pipe. The armature is mounted so as to be movable with an inwardly directed face on the guide pin. In another embodiment, a portion of the cladding of a fiber is removed, creating two parallel surfaces. Each server in the distributed media network responds more quickly and efficiently due to its limited functionality and scope of media data files that it must server. The correlation among map pixels is used to propagate projection path data from map pixels traversed by a projection path to other map pixels. The security cover comprises four walls and a top plate joined to form a housing that encloses a rotating turret and a portion of a drive arm used to actuate the gate.

1459827670-244e0b45-8ad0-4c29-9a40-f21089e9184f

A capping system and method of use for sealing injectable drugs within vials is disclosed. The elastomeric film layer may include a plasticizer and greater than 7 percent by weight of a tackifier. When exiting the dip tank, the coated substrate can enter a UV-curing chamber for a UV-curing process. The method includes providing a holder substrate, which has at least one recessed region, the recessed region having a predetermined shape. The knitted fabric with interspacing can have a thickness of clearly more than 14 mm, meaning a thickness than far exceeds the needle stroke. The flexible locking piece return preventing means, locking means of

a first housing one member is engaged with the lock arm of the lever, whereby the lever is locked at the connection position.

1459827670-96a39f06-849c-454f-b25e-91944cd6ae79

Methods and systems are provided for steering network packets. The approach includes inspecting a predetermined set of operational attributes of the selected computer to detect a change in a state of the selected computer. A corresponding method of manufacturing is also disclosed.

1459827670-97aa0aa6-5175-443a-96e1-5d86cd7e40a6

Methods and apparatus for providing access to program channels, e. The probe assembly provides passage of fluids for irrigating the body interior and for evacuating matter from the body interior. There may be multiple producers and multiple consumers and each producerconsumer pair has a separate channel. Being formed in a manufacturing process of a MOS transistor, the present protection diode contributes to process streamlining and cost reduction. The linear targeting illumination beam is centrally disposed within the field of visible illumination. An expandable support brace is connected to the first side support, the second side support, and the center support assembly.

1459827671-0a62ba60-c577-4011-a831-ec020ec58377

Compositions and processes are disclosed for removing sulfur and sulfur compounds from hydrocarbon fuel feedstocks. An average rolling resistance associated with one or more portions of the haul route is determined based on the rolling resistance of each of the at least one machine. The method further comprises the step of constructing a repair path for the repair address. The frame is coupled with the front frame. , an electric motor, to a device to be driven, e. The method includes: routing the call initiated by a user to a soft-switch; receiving by the soft-switch the call information the calling user sends; after determining that the calling user is a WAC user based on the calling number, the soft-switch determining the route to the called user based on the call information and completing the call.

1459827671-586cad93-2e52-4928-a20b-6ba0b6b6b03b

A method for depositing a carbon doped epitaxial semiconductor layer comprises maintaining a pressure of greater than about 700 torr in a process chamber housing a patterned substrate having exposed single crystal material. A motor rotates and translates the implant, which is mounted on a hollow drum, relative to the needle. A new set of pointers is created. Also provided is fixture assembly comprising housing with LED light attached thereto. The claw parts are formed at both the end parts of the circular arc part.

1459827671-d36d15f8-8470-4ac7-a7e2-b1b13c2c1f34

Special CD-keys are generated so as to have special patterns recognizable by compliant installer programs, which require special actions to be taken by the compliant installer programs when recognized. The braking control system interprets operator onoff commands to the parking brake. The pushing motion causes a rod to move the piston pump, which in turn raises water to the surface via piping into the trough where the animal drinks the water. The UMDDI allows a device driver to execute in user-mode while the graphics engine remains in kernel-mode. The control cycles may be Kanban control cycles.

1459827672-2550fafe-332e-4f4c-8f38-ea0864824c35

An output buffer circuit that suppresses the generation of an erroneous operation signal during power activation includes a first level converter generating a first signal based on a data input signal having an amplitude range between a first power supply potential and a ground reference potential. In one example, virtual circuits in an Asynchronous Transfer Mode or Frame Relay network are assigned priority status and particular types of high priority data are assigned only to the priority virtual circuits. The second portion is coupled to a retention mechanism that

couple a portion of the bone on opposite sides of the fracture to a portion of the bone having the first portion of the two-part screw. The second number of stages correspond to a desired timing delay. The method also includes the steps of determining if the at least one channel is in use, and if the at least one channel is in use, determining the user of the at least one channel that is in use.

1459827672-493752c5-bcb0-46b6-bb23-ae843deb5be7

A method providing channel quality indicator feedback from subscriber stations to a base station may include a combination of a thresholding scheme and a best-M scheme. A computer job is divided into micro-jobs. The weight of a player standing on the putting green platform is used to hold or fix the platform to the base in an adjusted position. The first, second, third and fourth force directing means provide a redirection of force applied by a user at the shoulder and ankle height levels for a selectable exercise using resistance cables. At least one lifting device is assigned to the printing units for transporting printing unit modules. In the base state, the internal actuation chain and the external actuation chain are coupled to the actuation lever and the internal actuation chain and/or the external actuation chain can be decoupled from the actuation lever by the control depending on the operating state.

1459827672-5f0f6dd5-017b-456e-80ec-12ff3b1056d0

To correct for harmonic distortion of a power bridge, the form of a pulse at the output of the power bridge and of estimate of non idealities under different current conditions is acquired. The vibration of the product conveying member is tuned both statically and dynamically with a coarse tuning followed by a fine tuning. The line driver also includes a device to combine the first output signal and the second output signal to provide a total output signal to an output line. An instruction is provided to perform the invalidation and/or clearing. Also, the systems and methods allow a metal concentration to be varied in a controlled manner along the thin film depth.

1459827673-293324da-d9f3-4ae6-ac63-cc10e0703509

A semiconductor device which has a substrate formed as a rigid body, includes stress relaxation layers formed by filling in concave portions defined in a first main surface of the substrate, and a device forming layer which covers part of the first main surface and is formed in the substrate. A predetermined data sequence of the analog modulation signal is applied, the modulation shift of the analog modulation signal is determined, and the amplitude of the analog modulation signal is corrected to match the difference between the modulation shift of the digital modulation signal and the determined modulation shift of the analog modulation signal. Additionally, the display rack can be provided with front and/or rear removable panel carriers configured to removably receive front and rear panels. According to the invention, adjustment values for the mechanical compensation of play are incorporated, filed in the control system and taken into consideration during adjustment. pigment blue 60 as a pigment and a magenta ink composition containing at least one quinacridone pigment selected from the group consisting of C. The reactor is used for adjusting different operating conditions to process single or plural feedstock in each different reaction zone for producing the desired product.

1459827673-7fab355-3813-4e40-a44d-cab4fd135954

A binaural object-oriented audio decoder including a decoder device to decode and render an audio object based on head-related transfer function parameters. The apparatus includes a cleaning cycle control system that operates through the control system of the heat pump and eliminates the need for periodic acid cleaning of heat exchanger. Upon hearing such voice prompts, patients/listeners can know immediately when they are being asked questions that they are expected to answer, and when they are being given information, as well as the information that is considered sensitive. A third Active RFID tag is associated with a second container



for the first containers.

1459827673-9e73ee77-da0e-4d35-a37a-232403454771

A statement in at least one hardware definition language file specifies a plurality of design entities representing a functional portion of a digital system. With the field plate members at the lowest circuit potential, the transistor supports high voltages applied to the drain in the off-state. The connector body of the electronic-component connector has an open portion for accommodating a module inserted from the open side. The marker results are used to create statistical information useful in the analysis of the operation of the voice application in the IVR system.

1459827674-05596d96-a70f-4cb3-a8f4-8659e5926e16

An antenna of the present invention includes a coaxial cable, antenna elements, and an unbalancedbalanced converter. A shape of topography at the detected designated position of the topographic object and in a vicinity thereof, into a shape whose height is gradually changed, depending on a distance from the designated position. Such permanently inflated and solid flotation elements do not require a pneumatic inflation system, thus providing benefits in reliability and economy. If a travel component triggers traveler parameters, options for other travel components may be determined. Also provided are plants thus selected.

1459827674-22616b34-eec3-4d1b-9607-b2554413b482

An irrigation machine is selectively converted into a sprayer for applying chemicals that have been approved for use only by spraying equipment. The products have of the antifungal properties. A sequence of video frames is received from the plurality of video channels, wherein for each channel, video frames are received at a frame rate for that channel. The group proxy, which is given to a client for all of its interactions with the group of services, buffers calls from that client to its group when the group is unavailable because it is in transition. Meanwhile, the wake-up mode produces substantially full spectrum light at higher luminosity. The rotor may include a hub and a rotor blade connected to the hub to extend radially away therefrom.

1459827674-a80aef1a-2203-445e-a011-6dacc6fef1b8

A touch control apparatus includes a first light source, a first sensor, a second light source, a second sensor and a controller. The two wheels, the front plate and the rear plate are secured inclined to the rod by means of screw connections to form an angle relative to the upper sides of the plates. Instructions are re-aligned using a branch on a falsehood of the qualifying predicate if the complementary predicate is not available.

1459827675-b7709f90-0287-4d23-9923-8c6736e425de

A method of changing the resistance of a perovskite metal oxide thin film device with a resistance-change-producing pulse includes changing the resistance of the device by varying the duration of a resistance-change-producing pulse. In exemplary embodiments, the adapter may include a tow bar with a neck portion between a pair of spaced arm portions. In a specific implementation, a DC-to-DC converter includes two boost converter circuits.

1459827675-c0b65421-d176-497f-ac76-a09168b7bbea

A comfort system for a seat, in particular for vehicle and aircraft passenger seats mounted one behind the other in a row, has at least one support component movable from a non-use position to a use position. The structure bends when a force is applied adjacent to the first end, thereby causing an electrical potential difference to exist between a first side and a second side of the structure. The arrangement includes a proximal channel with a leading portion having decreasing radius toward the first rotor which acts as a collector and a following portion connecting fluidly the first and second rotor and a distal channel which is

separate from the proximal channel and opens into the following portion thereby adding to the airflow to the second rotor. A reply is received from the server in response to the request. The conductive material layer is formed on the top layer of the package substrate. The MEMS device is electrically coupled to the electronic integrated circuit and positioned to affect the behavior of light, relative to the active optical device, based upon the position of an element in the MEMS device as controlled by the electronic integrated circuit.

1459827675-f4604f88-1e8c-4428-9716-4a311c031c2f

One advantageous embodiment of the present invention is a variable-duct support assembly for mounting one or more ducts thereon. The print assembly is movably positioned relative to a print media for adjusting printing characteristics of an attached print head. A portion for calculating filter coefficients 44 calculates a filter coefficient  $W_2$  of a filter 42 to simulate a sound-transmittal line of an audio sound which is produced from a speaker 102 and is input into microphones 10, 12 by means of these stored filter coefficient  $W_1$  and various transmittal characteristics CS1, CS2 and the like. A split retaining collar having a plurality of interior circular protrusions mates with the circumferential grooves in the shank to prevent axial movement of the shank. Thus, the collision preventing projections ensure that the main portion and male terminals are spaced apart when the main portion is pushed into the receptacle in this oblique posture. A content organization and distribution system may be configured to receive content from a plurality of publishers and provide targeted content to a plurality of users having mobile devices, where the mobile devices are connected to the content organization and distribution system through a plurality of carriers.

1459827676-1c141872-5990-499b-a5c9-c3300e37fee7

An optical receptacle comprises a precision sleeve, a stub with an optical fiber fixed to one end of an inner hole of the precision sleeve through an adhesive, and a sleeve holder fixed to an outer periphery of the precision sleeve by press-fitting or through the adhesive. The arrangement comprises a basic unit with control function software and one or more modular unit containing hardware for the control functions. A bale is formed in the bale forming chamber. A steam dispersion tube is mounted within an airstream to be generated by the fan for delivering steam via the discharge plenum. Lightning strike data from a lightning strike data source is filtered to select individual lightning strikes to be displayed and processed to obtain the viewer friendly lightning strike location information to be presented overlaid on a geographic map or satellite image background. The compression operation is a robust header compression operation and the step of adapting control parameters of said video coding operation is performed in dependence of information about the wireless channel conditions detected on a feedback channel made available in a decompression step associated with the compression operation.

1459827676-6eb2710e-e9ab-43fa-83a4-bf487d631a8f

The present invention relates to methods and devices for amplifying nucleic acid, and, in particular, amplifying so as to generate products on a surface without the use of emulsions. A cooling unit provides, via a coolant loop, system coolant to cool the electronic component, and to an air-to-liquid heat exchanger is coupled to the coolant loop downstream of the electronic component to cool, in primary, liquid-cooling mode, air passing through the system. An optical second harmonic also may be generated by impinging optical radiation having a first frequency on an array of molecularly bridged metal nanoparticles, to generate optical energy at a second frequency that is twice the first frequency. First and second actuator buttons protrude from the lower surfaces of the first and second switch units. Also disclosed is a method for reducing volume swell of a polyhydroxy cured fluororubber article in contact with biodiesel fuel wherein 1 to 10 parts by weight of a diester of a dicarboxylic acid is incorporated into said article. In one example, the description includes a method for coordinating the control of the throttle, turbo charger, and valves such that the desired cylinder air charge may be achieved while

engine pumping work may be decreased.

1459827677-84b69f87-6d50-4296-bf0b-cb3f0778baef

Engineered surface treatments are applied to different types of hydraulic motors and pumps to improve the life of the contacting surfaces in said motors and pumps. Each of the columnar spacers is disposed with its vertex portion being opposed to a convex portion of the reflector. It bears a jumbo sized nut with a strong, well filled shell which is easily removed and contains light to extra light colored kernels with little size variation in a given harvest. Another terminal of the first capacitor is coupled to the anode of the first diode and the cathode of the second diode. Numerous topologies of interconnect systems may be achieved. The scaleable network consists of a tiered structure of sensor nodes within wireless local area networks using an ad hoc protocol to form the network and at least one gateway node within each LAN to provide a link to an operations center.

1459827677-e444d1d4-32bf-4a61-8a39-991261cd3940

An accessory support or holder is provided with pockets for holding items such as hymnals, communion cups, pencils and memo pads, and is adapted to be supported on a chair support standing between chair backs with the chairs joined in a row. The compositions produced by the method. An application requests a Transmission Control Protocol connection or transmission of User Datagram Protocol data on a socket.

1459827678-1118a299-65b4-4668-b263-5b64e25e31c0

A current fed inverter with duty cycle regulation of dc current to the input of the inverter is provided to increase the magnitude of inverter output power while operating a resonant load at resonant frequency. An apparatus and method are provided which allow the squelch circuit to be selectively enabled and disabled across SATA power states and in Advanced Host Controller Interface Listen mode. The memory may store instructions that, when executed, enable the one or more processors to identify an event for a machine that includes a desired output parameter value and send a command to a component of the machine. The tabs also create a mechanical and electrical connection between the slider and the microactuator.

1459827678-7ae665e6-3694-4afb-9902-1205eedba5ab

The present invention provides a base of handheld device having Email access function. Image processing is carried out on an actual image obtained through the actual photography for adjusting luminance and/or gradation of the predetermined target in the actual image. The present invention also relates to methods of making crystalline form I, form II and the novel solvate of Febuxostat. The external, accessory, gearbox drives other accessories. The dummy dielectric pattern is substantially parallel to the selection gate pattern, and self-aligned with one sidewall of the selection gate pattern to overlap a predetermined width of the selection gate pattern.

1459827678-b2a7acbd-f3f7-401c-aeeb-89e1aaa83c2e

A siloxane resin having the formula:  $abc$  where R is Z, Zn or ZOn where Z is a phenyl or substituted phenyl group; n has a value of 1 to 6, a has value of 0. A tubular sheath having a longitudinal slot extending along a portion of its length A post attached to the hub and positioned to project through said longitudinal slot such that the needle and hub assembly may slide along the length of the sheath from a position exposing said needle to a retracted position within said sheath. An access rule defines which API server on the online commerce site a specific third party application may access when using a specific API function call.

1459827678-f1da499a-6162-4c41-9f20-1cb17db5e851

A power management system provides wireless power to operate components of a remotely adjustable gastric banding system. Thus, a semiconductor laser having a flat element surface and excellent in heat radiation can be made in a reduced

number of manufacturing steps. Coordinated alignment of the viewing apertures of the disc and plate allows observation of a workpiece collectively through the disc and plate during rotary drive thereof.

1459827679-31dc61ac-d6eb-4b89-9a8e-0f96ccbc1fb4

An apparatus for extracting air from within flexible packages having granular or otherwise flowable contents includes a package conveyor and a downwardly-open, vacuum extraction hood through which the packages are conveyed so that an upper portion of each package is moved through the extraction hood. Braking means is provided at a portion of a stacker guide, and the braking means has a rolling body producing a braking force in the advance direction of an inserted banknote without folding the banknote. The rotating disk and the fixing device go into a gyroscopic movement inside the player. 000 gcm<sup>3</sup>, a melt index of less than 10 grams per 10 minutes under conditions of 190 C. The reaction is particularly useful for making substituted porphyrins with a wide range of substituents at the A and/or B positions.

1459827679-32ad92db-8362-45d0-8546-f1f82c34f52a

A loudspeaker system with an enclosure, an electro-acoustic transducer mounted in the enclosure so as to leave space inside of the enclosure that is unoccupied by the transducer, and an air-adsorbing material in the space inside of the enclosure that is unoccupied by the transducer. The cavities are disposed below planar antenna elements. The container may also include a handle coupled to the open end, and switchingly coupled to the latch portion.

1459827679-dba09637-57be-4f24-ad68-5fc8c52047b5

An electronic device and a control method enable easily inputted characters or numbers to be converted and used in an application. The implant includes a spinal rod having at least one passage therethrough for receiving a guiding member extending from the surgical location. The insulating film according to the present invention is formed using a composition for forming an insulating film including that polymer, has molecular spaces having an average space size of 0.

1459827680-113d6e11-8d6b-48ac-934b-7f10573c96f3

A method of modulating the human meridian system using a small bar magnet is provided. The handle is a rotatable structure which can support the box body to make the box body stand in an inclined manner, so as to allow the user to have a full clear view of the hand tools inside the tool box. A pivotal mulch door is located within the exit tunnel with the mulch door swinging between two positions. A first input is received from an interactive control. A de-entrainment device with a downwardly angled deflector in vertical alignment with an orifice in the tray deck may be integrated or not with the valve cover below the tray deck. A location of a target field of the header in one or more data units among the plurality of data units is specified, and the one or more data units containing the target field are identified among the plurality of data units.

1459827680-49d4a020-905f-4686-b9e5-8b1810183f89

This invention discloses the several means by which transient noise due to capacitance related displacement current can be excluded from the optical signal coming from a silicon detector used in opto-couplers. Devices, systems and methods include delivery of energy including bipolar radiofrequency energy for sealing tissue which may be concurrent with delivery of fluid to a targeted tissue site. The system also includes a microprocessor coupled to the sensor for activating the sensor on a first periodic basis to measure the device parameter. In the store are provided passage reception antennas for receiving the stuck state signal transmitted from the RF unit, gate reception antennas for receiving reading state signal transmitted from a bar code reader through the RF unit, and a store control unit for judging whether the takeout of the article N be permitted based on the reading state signal. The PCM bladder includes a bladder chamber having a filling

port and is configured to receive and hold a flowable phase change material, such as an ice slurry, which can be pumped into the bladder at the point of packaging. Because  $\epsilon_1$  is satisfied, cusps are not formed at opposite edges of each addendum of the inner rotor 2.

1459827680-987730fa-4f8b-422d-96b8-86ae7f3883f1

The present invention relates to an improved, simplified apparatus for rapidly cooking food in water with the assistance of steam and increased pressure that provides the benefits of improved stirring capabilities, increased simplicity of the apparatus, and improved self-cleaning capabilities. Previews of the secondary data visualizations are presented as the user interacts with the primary visualization. After the engine is started, the rollers 33, 33 move toward the bottom of the concave section 32 against the resilient force of the springs 40. Adjacent, end-to-end sections of the composite conduit are connected using a coupling that employs a cylindrical body formed of the same material as the tubes of the conduits.

1459827680-f61431ff-95fb-445c-8e54-4654466eb067

Apparatus and methods are presented for the automated creation, update, distribution, acquisition, and use of learning tools designed to aid users in memorizing information and learning new concepts. The invention also relates to the method for preparing such a product. The markup language viewer processes contents of the markup language file and resolves tokens in the markup language file using the token resolution information from the local storage to generate a resolved markup language file for display at a gaming system.

1459827681-0ccf570a-d580-4af7-b2f5-70a32fb3e6e6

The semiconductor laser has a resonance cavity composed of a gain chip, a Mach-Zehnder wide tuning port, and a wavelength-selective mirror component formed either as a ring resonator or a reflective Fabry-Perot etalon. A message is sent to prefetch one or more tokens, and prior to receiving a reply for the message, another message is sent for at least one of those tokens. A clip member has an elongated stabilizing bar slidably inserted into the channel, and the stabilizing bar itself then is secured to a horizontal ceiling or a track system mounted to the ceiling.

1459827681-27bb132e-19fd-4c2c-90d6-835484df688a

A semiconductor plasma processing apparatus for processing a semiconductor wafer includes a sensor for monitoring at least one processing state of the semiconductor plasma processing apparatus, first and second processing state monitoring units coupled to the sensor, and a selector unit for selecting one of the first and second processing state monitoring units. The fluid sensor includes a sensor chip having a chip surface, which has a measuring surface and a body surface. The converter block is coupled to the HW block and receives the residual DCOC centered at DC and converts it to a residual DCOC centered at IF.

1459827681-6b96efbe-2413-4275-9427-e05ce375d082

A method for manufacturing an optical device, including forming a thermal tape on a glass substrate, cutting the thermal tape into a plurality of tape areas, removing at least one of the tape areas, and coating a first color film on the tape area without the thermal tape. The method includes the steps of laser cutting a pattern of apertures in the surface of a tubular workpiece, radially compressing the tubular workpiece to reduce the outer dimensions of the workpiece and heat setting the reduced diameter workpiece to form the very small medical device. A plurality of bond pads is positioned on a surface of the first substrate and comprises a width extending over at least two of the plurality of conductive traces.

1459827681-8c103dda-fe3f-484a-86b4-58e97ed89235

A circuit and method for creating a high-power electrical pulse which has a smooth

or flat-topped configuration as well as a very short rise time. It also has a projecting part 52 having two surfaces formed on its side which opposes one of brackets 20. The command instructs the OSD system to process the input video stream according to various processing functions including layering at least one graphics plane on top of the video stream. In the underground configuration, inrush current restraint is enabled, the fault response time is set within a range of 1 to 24 ms, and the display is operated in only the dim mode. The calcium hydroxide is reacted by the phosphate to form hydroxiapatite or other calcium phosphate that is co-precipitated with the calcium silicate hydrate to form a composite-like structure on a nano-scale level. Once the stapling cycle is continued, the cocked and loaded striker and spring are released to apply a staple.

1459827681-b04fb644-4ee9-4ba8-b9e4-b95f691b865c

A hydraulic pump is provided that includes a housing having a fluid inlet and a fluid outlet. In one embodiment the magazine includes a mechanical arm with a cone clamp at its distal end, arranged to move the cone clamp from a cone storage to a location between the rails to sequentially deliver cones to the rail system. A pressure differential switch detects low flow demand and allows the secondary heating system to provide immediate heating to the water.

1459827681-edd063fd-7ddb-45d2-b9e6-b0919770853b

A tramp metal separation device includes a first housing having an inlet and an outlet, a first drawer and a second drawer. The method comprises generation of a unitary optical excitation pulse that carries a pump photon, a Stokes photon and a probe photon; and inducing a CARS process in the medium by exciting the medium by the at least one such unitary optical excitation pulse. The test and switching unit is coupled to the redundancy bus, and includes a relay matrix and a Copper Loop Tester.

1459827682-27c9163e-047a-4f8c-9a60-1ecc34ba70a2

An electric repeater for use in transmission line based electric fences. The bus system can have an address monitor unit including a table which is shared among a plurality of bus masters and stores therein access right information. The document cover includes a sheet.

1459827682-b0fb26a9-e08d-4bb7-9f0d-a4a7f8c62fab

An anode inlet unit for a split fuel cell stack or two fuel cell stacks having two anode inlets. Customer instructions are received at a host system to stage the money transfer. Behavioral indexing of circuit designs allows a user to maintain an indexed behavior database, track changes in behaviors as the circuit design's executable description evolves, and figure out how the executable description can be reused in different projects. The invention is characterized in that the methyl alcohol is fully dispersed in the reaction mixture. Bearings are captured between the surfaces and the bearing cage. Next, an article is placed in the accepting space, and air in the accepting space is then evacuated to allow the first cushioning wall and the second cushioning wall to bind the article up to retain the article in the accepting space and not to be shaken with the air packing bag.

1459827682-d45c6d14-799f-41f5-8db5-f2bcd895b977

A semiconductor device having the present high withstand voltage power device IGBT has at a back surface a p collector layer with boron injected in an amount of approximately  $3 \times 10^{13} \text{ cm}^{-2}$  with an energy of approximately 50 KeV to a depth of approximately 0. The cache system includes a line counter that counts the number of effective lines for each memory area. The partial interferometric device may include a Fabry-Pérot double point contact interferometer configured to apply  $\frac{1}{2}$  partial interferometry to a topological qubit. The invention also relates to further processing of the emulsion by wet grinding, high shear mixing and/or heating to enhance the hydration rate in the preparation of the well treatment fluid. The resulting molybdenum dithiocarbamate composition are according

to formula, wherein R1 to R4 are C11-C14 isoalkyl groups, and X represents oxygen and/or sulfur atoms, and R1 to R4 comprise, on average, greater than 98% C13:.

1459827683-185dd042-5f6b-4320-a24c-119f2e81b4da

An interlocking transfer system includes a workstation having four or more sides, each of which is positioned at 90 angles from the next adjacent side. The switched multiplexer comprises a transmit switch, a first diplexer and a power combiner. Then, the test signal is reproduced from the test area when a predetermined time has passed, to calculate the quality degradation of the user data from the evaluation result. The signal contributions and the switching event signals are combined, and a combined lumped circuit model is derived based on a combination of lumped circuit models of the plurality of gates.

1459827683-f97e14a7-11db-42a1-aea2-7d689728543e

Methods and apparatus for increasing the efficiency of a voice coil motor are disclosed. The airport-located subsystems are coupled by way communication paths, such as land line telephone links, to a remote flight operations control center. The album pages are encoded into a form that can be scheduled for broadcasting, and are transmitted to viewers for display on television receivers or similar devices. A page conveyor 12 for sequentially feeding pages 11 from the printhead assembly 13 to the support tray via the adhesive applicator 16. Upon reflection from the mask, a detector determines the intensity of the reflected beam from the mask and translates such measurement into a determination of reflectivity. The method for transmitting and receiving data allows for coding and decoding each bit of data with a different code.

1459827684-aaca1934-ea74-4dc9-bc47-c70479dd5e52

Techniques are provided for detecting a coded signal in the presence of non-Gaussian interference. This life path constant indicates the maximum acceptable state of wear of the tool for the machining of the workpiece. Ion exchange and reverse osmosis water softeners eliminate scale buildup in pipes, but are expensive. Also provided are security windows that utilize such window films. There is a counter electrode having a surface area in said treatment zone which is at least as great as the surface area of the treatment electrode. The integrated circuit card controller controls a plurality of client application programs which are selectively activated for the user on the communication terminal.

1459827684-c10ff844-028b-47f5-abd4-5c55ddc35042

An image photographing system in which one button is used in common for a function of prompt photographing and a function of photographing after a predetermined time has elapsed, comprises a button for instructing an execution of an image photographing process, a control unit for monitoring a depression of this button, and a timer. In some implementations, a combined sensor device includes a wrap-around configuration wherein an upper flexible substrate has patterned conductive material on an extended portion to allow routing of signal lines, electrical ground, and power. The first barrier is created by integrating the waste with an immobilizing mineral. Alternatively, the processing unit processes the audio information received from the telephone in accordance with standard Internet transfer protocols and couples the processed audio information to the second output port when the telephonic communication is to be performed using the Internet communications network and the standard protocols. The secondary fuel delivery means 20 is positioned upstream of the primary fuel delivery means 12 by a distance X, such that the secondary fuel delivery means serves to supply additional fuel to the combustion zone 26 during pressure troughs. The first pair of contacts is located in the first region and the second pair of contacts is located in the second region.

1459827684-cecd6467-2bc8-470a-9261-cb7c53101e7b

The present invention discloses a novel, stable polymorph of 1-benzyl-4--2-yl

methyl piperidine hydrochloride commonly known as Donepezil hydrochloride. The hacksaw blade is fixed to a shaft for rotation about an axis which is generally perpendicular to the longitudinal axis of a mounting member. An elevator located in the card stacking area has a movable platform for moving a stack of cards. The central computer receiving the updated block of data can calculate an expected receiving time of the next block of data accordingly. The solenoid control method and apparatus described above are applicable to a change-over shift operation.

1459827685-d5c256a6-9a97-4395-9bca-b9d5c23e6a6a

A wedge clamp assembly includes a body having a body cable gripping surface, and a slider having a slider cable gripping surface. An arrangement accuracy of the electronic components is determined on the basis of an arrangement accuracy of the component storage parts, and the electronic components stored in the component storage parts are limited in motion. The spikes define a plurality of outer surfaces that extend from a base to a tip. When using telescoping pistons, their placement on the liner and their pattern can meet the desired locations where grip is enhanced.

1459827685-e787d85c-bddb-4975-9a68-d85983331b65

An embodiment of the present invention relates to a repair circuit of a semiconductor memory device. The storage section may store device identification information identifying the electronic device and one or more face images of one or more users that use the electronic device while associating the device identification information with each of the face images of the users of the electronic device. These cells also carry oncolytic viruses, antitumor proteins, multidrug resistant proteins, chemotherapy, monoclonal antibodies, superantigens, superantigen conjugates and fusion proteins, siRNAs, plasmids and non-protein toxins and attenuated tumoricidal bacterial cells specifically into the tumors and induce a tumoricidal effect. The ONT receives a communication signal and broadcast image selection information from the user, and outputs them to the OLT through the splitter. Methods for making these transition metal compounds and for using such compounds in catalyst compositions for the polymerization or oligomerization of alpha olefins also are provided. With this configuration, it is possible to provide a charge information processing apparatus for calculating introduction expenses of facilities required for working as a franchisee that provides automobile repairing services by a specific repairing method.

1459827686-04b39630-2009-4349-9645-a93cbc550b86

In an Orthogonal Frequency Division Multiple Access communication system, the location of one- and two-dimensional bursts may be specified by specifying the starting location of the plurality of bursts. The medical data is output in columns, and the current results and past results of the same medical test are presented in the same row. The chip bond pad is electrically connected to the bottom chip and the top chip by interconnecting the bottom and the top chips and interconnected portions of the bottom and the top chips are encapsulated. The wafer is then developed to form a first set of repeating structures from the first set of repeating patterns and a second set of repeating structures from the second set of repeating patterns. In addition, the information processing apparatus calculates, as a feature-change amount, the difference between the calculated feature amount and a predetermined feature amount, and calculates the eye open/closed degree of eyes of the detected face on the basis of the feature amount and the feature-change amount.

1459827686-22f0b1c4-834c-4d11-85b2-ed428affb5a7

A radioisotope elution system including a radioisotope generator having an alignment structure. The method of manufacturing a display device includes the steps of: laminating a metal film, an oxide film, and an optical filter on a first substrate; separating the optical filter from the first substrate; attaching the optical filter to a second substrate; forming a layer including a pixel on a third



substrate; and attaching the layer including the pixel to the optical filter. The composition contains at least an additional component, which is a second non-intercalating dye in the composition that competes with said first dye for binding to the nonspecific binding sites, or a permeabilizing agent to enhance permeabilization of the dyes into the cells, or both. The second tool rest can move linearly along a third control axis perpendicular to the first control axis and a fourth control axis parallel to the first control axis. The first and second semi-conducting materials can be identical and the step of selective formation of the additional layer can be performed by selective epitaxial growth of the free zones of the thin film. With this structure, the amount of data required for a subtitle and the amount of data that should be processed when a subtitle is output may be greatly reduced.

1459827686-c99d1240-726c-4982-a206-c0807409e25d

A system and method for thermal management of a die is disclosed wherein cooling of the die is controlled by controlling coolant flow to switch between laminar flow and turbulent flow as desired. Some of the conducting segments have an electrically insulating portion. In such a case, two bosses formed on the bobbin of the coil assembly pass through two holes formed at the bottom wall of the ECU's housing, and one of the two bosses is plastically deformed at its lower end projecting outside an associated hole, thus forming a stopper preventing an undesired removal of the coil assembly from the housing.

1459827687-08c9ff9a-5c35-4c23-94d5-da54e9d2ed58

The invention is directed to an optical system for a fundus camera in which lens pairs are tilted relative to the imaging beam path to prevent flare. Specifically, the heat-dissipation solid defining an opening is formed on the target surface irradiated with an electron beam. In one embodiment, a digital register is used to set the battery discharging current limit, in another embodiment an analog circuit is used to set the battery discharging current limit, and in yet another embodiment or a combination of the digital register and analog circuit is used to set the battery discharging current limit. The charging circuit is electrically connected between the positive coupling and a positive output of the second battery, and facilitates charging of, but prevents current flow from, the second battery when the first battery is supplying electrical energy to the electrical system. The tilting joint has a pivot axis extending in a horizontal direction when the vacuum cleaner is in a position of use.

1459827687-506e2799-21a0-4c4d-a6a3-71aa069b309a

The invention concerns a product inhibiting transduction of G heterotrimeric protein signals combined with another anti-cancer agent, in particular farnesyltransferase inhibitors, taxol or gemcitabin, for simultaneous, separate or prolonged therapeutic use in cancer treatment. An assignment is provided of base addresses to the devices. A capacitor is electrically connected across the distal terminals and connectable in parallel with a series-connected energy source and switch. In a plan view of each end surface, each abutment section lies on a portion of an imaginary five-pointed star which includes five outer vertices alternating with five inner vertices. The attachment allows each roller to pivot independently of movement of other rollers.

1459827687-5433cb06-b5fd-4746-87f9-af92727a81d6

An optical sensing device includes a shell, a partition structure, a pivot, a shading member, at least one light emitting member and at least one optical sensing member. A network element may use an interface to communicate with a cluster of network elements. The controller determines an added mass and the height of the added mass on the vehicle, or a roll gradient, a roll acceleration coefficient, and/or a roll rate parameter that take into account the added mass and height from the roll rate, the lateral acceleration, the longitudinal acceleration, and the yaw rate of the vehicle, and controls the safety system in response thereto. The barrel

may be axially fixed to the yoke and may define an axially extending body having a second protrusion extending radially therefrom and engaged with the first protrusion to transfer rotation from the barrel to the yoke. As a result, information having subjective characteristics, such as musical compositions, may be compared and similar musical compositions can be located. The system has one sensor or a plurality of sensors with sensor elements for measuring the pupil diameter and the surrounding luminance.

1459827687-e44eee19-4d41-442b-b821-6d27688d10a6

A method and apparatus for handling mobility for a first host with a MPTCP connection to a second host. An operation control circuit operates any of the memory cells selected in accordance with an address signal during normal operation mode for performing a read operation and a write operation. Next, data bits stored in the selected cells are read. The system also includes an array of detector flow cells in fluid communication with the capillary separation conduits, and an array of high pressure connectors for connecting discrete capillary tubes to the fluid passages in the microfluidic circuit for introducing and removing the fluid samples from the system.

1459827688-3c8df81f-815e-4209-92f9-db524ec24cea

The present invention provides methods and systems for remotely recording an image using a mobile device. The display has a first and a second display portion which are hingably connected to each other. Then the plug-type element is passed through the opening of the housing by means of the holder and is plugged onto the contacts of the component. To optimize throughput across the whole building, station power levels are adjusted based on their location in terms of amounts of attenuation. The heat affected zone is covered with a corrosion resistant material to prevent future leaking, and to protect the weld from inter-granular stress corrosion cracking. In the supercritical heat pump cycle system, the decompression unit is controlled so that a refrigerant pressure in the refrigerant radiator becomes the heating target control pressure.

1459827688-983440e6-c716-4fea-9373-4b7429892028

The present invention is directed to an improved system and method in which a pen-sized and shaped device detects, recognizes and stores handwriting as it is written by the device. The door assembly also includes a cover positionable over the opening in a secure closed position to help prohibit access to the interior of the housing and away from the opening in an open position to allow access to the interior of the housing. 5 N; and the fixing device comprises a heating roller which is provided at a position apart from a fixing nip area. The audiovideo data in the user buffer accumulates; and interruptions in playback as well as temporary modem delays are avoided.

1459827688-d2aeab2f-4ca4-4f95-ab0d-cbb8c28838ed

A system configuration includes a processing element, an inputoutput interface device and a shared memory. The apparatus comprises a substrate, a control device and at least one signal processing device on the substrate. In this constitution, the low potential surface of the cathode which is positioned inside the concave portion is inclined to the side of the gate from the entrance toward the interior of the concave portion. Where image data, for example, for one line are successively inputted to and processed by the element processors, an interpolation process is performed by an arithmetic operation process common to the element processors in which the position information of the number of lines or like is used as a variable. The labeling includes a single substrate having several labeling options and can be designed with multiple main die cut portions separating various sections of the label such that various size labels can be produced from the single substrate.

1459827688-ee6a5371-67fc-4279-8e60-0495b9a6243d

The invention relates to a combustion chamber, in particular of a gas turbine, comprising an external wall structure that surrounds an internal area and an internal wall, which is formed by the surface of a housing that is located in the internal area. A frequency variable circuit is composed of a delay circuit, which has a plurality of inverting circuits connected in series, and a first selection circuit. The particles are coated with a polyamine-based compound, and an average particle size of the particles is 1  $\mu\text{m}$  or more. The drop amplifier includes an amplification path connecting the input connection to the plurality of output connections through RF amplifiers and a splitter, and a bypass path that bypass the splitter and forward and reverse amplifiers in the amplification path to connect the input connection directly to the output connection for the essential circuits. The retaining sleeve of the first capillary tube assembly is secured to one end surface of the accommodation member, and the retaining member of the second capillary tube assembly is secured to another end surface of the accommodation member. One or both handles can be rotated upwards to abut each other and carry the container.

1459827689-9beb5a87-f1e8-42f8-bc27-d22c3279cbde

A system and method are disclosed for environmental stabilization of a body of water. The magnetic interface generator is a passive array of spirals that are deposited on a substrate surface. The low power supply may supply enough power for the host device to detect the connection of the adapter and establish initial communication with the adapter. By monitoring wagers, game play is monitored and processing may occur to track each player wager and the amount wagered by each player. In some embodiments, the implement may include a valve and a specially configured storage cap.

1459827689-a7c02270-b96e-40b5-a7f9-bd15caab40ab

A method and apparatus for remotely installing a monolithic liner in a conduit is disclosed. The printer includes a top wall, a bottom wall and a peripheral wall extending between the top wall and the bottom wall. The system may be used in methods of inspecting layered structures such as composite aircraft components and repair patches applied to such structures. An electrical cable extends proximal through the tube from the light source. A switch element is configured to electrically couple the pair of switch electrodes in accordance with an operation of the operating part.

1459827690-563c38a3-400b-4677-bebc-ef22ba66aaae

A method and apparatus for method for transferring files between a primary storage system and a backup and restore system is described. The assembly may be attached, adhered, or otherwise embedded into or upon a removable oral appliance to form a bearing aid assembly. An anchor member is mounted to the display stand and has an aperture bounded by at least one flange. The monitoring system alerts users and connects to an existing security system to notify third-parties. The lead wire 132 is passed through the lower conductor 122 and the semiconductor substrate 110 and led outside. Additional layers of matrix material can be deposited on top of the nanocrystal complex layer.

1459827690-69ff1262-c0ea-488c-82f4-429b78a4703a

An automatic analyzer analyzes a measurement item by making a sample and reagent react with each other and measuring the reaction result. Each change statement comprises a change operator operable to perform change operations on the elements of a target data model. Based on the results of the comparison, the compensation mechanism adjusts selected bias levels in the operational circuit, preferably using current stealing circuitry, so that the functionality and performance of the operational circuit can be substantially maintained. The center sleeve includes a first joggle structure. These support members are affixed on both sides of the valve gate opening radially around a gate sleeve. A detected object is recognized by using the difference of an output characteristics correspond to a quantity of

reflected light.

1459827690-f727cbc3-9f92-4883-950f-58c4cf64f213

A resid fuel additive is provided that includes a plant oil extract,  $\beta$ -carotene, and jojoba oil. The containers are vertically stackable one on top of the next in self-aligning fashion to form a vertical growing column supported by an elongated upright support pole driven into the ground and inserted through an aperture in the bottom wall of each container. This allows the LD holder 10 to be fixed temporarily to the side wall surface 1a of the slide base 1 with the laser diode 6 being adjustable freely, resulting in an improvement in the assembling workability such as chucking of the holder by the adjusting jig and spreading of adhesive.

1459827690-fa637aeb-a22f-463c-9381-2fbd26ce9931

A non-invasive and non-systemic method for administering a local anesthetic. For this purpose, the crown is provided with a housing which houses a pipe, to which one end of a winding stem is connected, carrying at least one spring and a rigid ring secured to the crown and comprising notches adapted to cooperate with the spring. The first optical compensation layer is formed of a liquid crystal compound and has a relationship of  $n_x > n_y = n_z$  and an in-plane retardation  $Re_1$  of 100 to 170 nm.

1459827691-49b41c4e-80fb-40d3-a972-16d362c78285

A method of fabricating an interconnect structure of an integrated circuit device is disclosed. The magnetic sensing element has at least one planar layer of electrically conductive ferromagnetic material that has an initial state in which the material has a circular magnetic moment within the plane of the layer. The shape memory feature is positioned at a distal end portion of the tube member.

1459827691-8ae8e49a-d121-493d-ae7f-5acadd3a1aa4

An exhaust gas purifying apparatus for an internal combustion engine is provided for switching a switching valve at an optimal timing in accordance with an actual activated state of a catalyzer to achieve an optimal exhaust gas characteristic. The quality monitoring system comprises a plurality of quality monitoring functions located at the multimedia to packet conversion points. For each of the multiple search items, the method may assign a weight to each of the multiple search commands based upon the size and position of the corresponding search command. A light projection system in which one or more SLMs are placed includes a write UV light path and a read visible light path to form a color image projection display. The second gate electrode is formed of a second metal silicide including a metal the same as that of the first metal silicide. A rolling bellows encloses a compressed air space and has double rolling folds.

1459827691-9d886afa-f44f-43f6-8300-e9438deed236

A method for the washing of laundry in a motor-driver washing machine. A runtime object may be defined to listen for a trigger event in an offering business object. The switching means switch ATM cells or variable length packet data in parallel.

1459827691-c2036de8-1e15-4c70-bd09-623478301c3f

An apparatus and method for a preheated micro-reformer system is disclosed comprising a reformer and a micro-reformer in fluid communication with the reformer. Efficient utilization of transmitter power is achieved because radical reduction of side lobe regeneration provided by AQDBPSK allows operation of all amplifiers of the transmitter analog signal path, including power amplifiers, in energy efficient nonlinear mode without causing interchannel interference. The field lens is to at least partially collect the light modulated by the modulator. In a negative mode, the first terminal is connected with the negative electrode, and the second terminal is connected with the positive electrode. A change of a particular attribute throughout the entire document can thus be carried out simply

by changing the conversion style elements in which this attribute appears.

1459827691-d557a93d-49c2-4bf1-8961-d2e4d102f12c

In an image reader having a static-document reading function and a moving-document reading function, a static-document pressing member is movably arranged on a cover portion and a sheet passing opening is opened or closed by moving the static-document pressing member. The first system may receive one of the first data signals associated with a data frame, determine first synchronization information corresponding to one of the second data signals associated with the data frame, and output the first synchronization information. Additional systems and methods are also presented. A cell and battery are also disclosed incorporating the disclosed positive electrode.

1459827692-1e365460-bfd9-4d9e-8934-fc44cbe11080

Methods and apparatus for implementing an n-state ripple-adder scheme coder with n\22672 using an n-state reversible switching function and a non-reversible n-state switching function acting upon a first and a second word of at least 2 n-state symbols are disclosed. Hot air is circulated by the blower motor assembly into the oven cavity where the hot air is directed in a manner wherein a conflicting, colliding turbulent gas flow is directed at a food product providing for the rapid cooking of food products. The content search index lists document content, user generated content, and semantic vectors; the personal search index lists user generated content, user explicit gestures, and user implicit gestures. The selector valve is operated from the outside by the operating device.

1459827692-a1c5337b-dd4e-4414-a8cb-d8ab42ba0152

A system for splicing a conveyor belt with belt fasteners is disclosed. The system includes a reservoir of pressurized air and associated leveling valve that uses a relay valve to improve refill times when the vehicle returns from a dump mode operation to normal operation. The bracket pieces have a lip between upper and lower hub protrusion ribs and the lip has an outer cam edge with detents. Therefore, the drain currents of the driving TFTs are little affected by the variation in the threshold voltage. The embodiments provide a solution for improving the adhesion between the NFT and the spacer. 0\71016 moleculescm<sup>3</sup>, an OH-content in the range of 125 wt-ppm to 450 wt-ppm, an SiH group-content of less than 5\71016 moleculescm<sup>3</sup>, a refractive index inhomogeneity, \u0394n, of less than 2 ppm, and a stress birefringence of less than 2 nm/cm.

1459827693-0d68bb45-d6bd-4804-bfa0-7a0cd85d79d7

A steam engine with improved intake and exhaust flow provided by separate pairs of intake and exhaust ports located at both ends of a steam drive cylinder. The lines are thick, strong, long lasting and easily replaced when worn. The applied heat, however, does not introduce any significant heat into the distal end of the catheter. The first end of the expander member is configured to engage a substantially unexpanded loop of a stowage device and to expand the perimeter shape of the loop as the loop is moved along the longitudinal axis from the first end to the second end. Scalar variables may be assigned a fixed memory location. Characteristics associated with processing blocks are analyzed.

1459827693-350ac62b-2513-4b2d-85c3-e7fb21cffffec

A new and distinct cultivar of Lily plant named \u2018Tiny Missile\u2019, characterized by its compact and upright plant habit; vigorous growth habit; densely-foliated habit; freely flowering habit; upright flower buds and flowers; dark red-colored flowers; and good postproduction longevity. In one aspect, an integration engine receives a set of rules from an external application and receives item data including item identifiers from one or more tag readers, each item identifier being read from a digital tag bound to a physical item. First and second edge areas appurtenant thereto and pertaining to the insert are pressed against the opening in the case of fixing. The broadband medium noise of the

magnetic media is measured. Also provided are methods for isolating silencing agents so identified. A 2-alkyl-2-adamantanol is reacted with a carboxylic acid such as acrylic acid or the like in the presence of an acid catalyst such as concentrated sulfuric acid or the like and a drying agent composed of an acidic or neutral inorganic compound which is a solid at ordinary temperature in a dried state or of a water-absorbing high-molecular compound, to produce a 2-alkyl-2-adamantyl ester.

1459827694-095895c1-9623-46d9-a0e5-fa8d7213b2d5

A stage apparatus includes a base, a stage movable on the base in first and second directions, a first member movable relative to the base in the first direction, and a second member movable relative to the base in the second direction. The device comprises a single-strand smooth cable for supporting an action and/or measurement assembly, which cable is electrically conductive and has a breaking strength greater than 300 daN, and is disposed in the tubular element.  $cSi_3N_4$ , where  $\frac{c}{201cM}$  is at least one element selected from the group consisting of Mg, Ca, Sr, Ba, and Zn, and  $\frac{c}{201ca}$ ,  $\frac{c}{201cb}$ , and  $\frac{c}{201cc}$  are numerical values satisfying 0. The container and lid can also include an audible locking system where a cantilevered audible lock projection extending from the container engages an audible lock actuation protrusion extending from the lid to make a click sound when the lid is seated on the container. The compression step consolidates any fragmented balances residual in the remote queries, localize remote data, data map, or follow-up logic.

1459827694-5de8c01a-3058-464e-83d3-31a8d4bdb300

A liquid drop ejecting device is provided with liquid drop ejecting heads having different specifications from each other and plural dummy load circuits which apply electric loads to the liquid drop ejecting heads, and analogue switches for switching the dummy load circuit which is connected to the liquid drop ejecting heads according to the liquid drop ejecting head to be driven. This circuit includes a data path, which has: a transmitter latch controlled by a transmitter clock in a first clock domain; a receiver latch controlled by a receiver clock in a second clock domain; and an intermediate latch coupled between the transmitter latch and the receiver latch. The cavity unit is constituted by a plurality of sheet members which are stacked on each other. The keel post is attached to a triangular control frame, the base of which forms the control bar.

1459827694-97fdefda-5010-487a-bbdc-1b0701f4d3a8

A system and method for providing calling feature icons in a user interface that allow users to determine with ease the status of different calling features, and in respect of at least one embodiment, to identify with ease the communication lines associated with calling features that have been enabled on the mobile device. The controller has a command flow setting device that sets a command flow rate  $Q_c$  of the oil supplied from the oil pump unit to the assist force generating unit in accordance with a vehicle quantity of state such as a vehicle speed, steering angle or the like. The depressible portion is depressed internally by applying external force. For each flagged node, logic equations are added which represent the sum of the node's pass transistor loads, and further logic equations are added to compare the number of pass transistors turned on from one to the absolute maximum for the node. The data in the failed logical circuit in the first data network is rerouted over the logical failover circuit in the second data network until the failure in the network circuit in the first data network is resolved.

1459827695-4b4df21b-9529-4ce1-8315-60ac80d7238a

To provide a method by which a semiconductor device including a thin film transistor with excellent electric characteristics and high reliability is manufactured with a small number of steps. An image signal of a peripheral image which occurs at the same time as an objective frame in the input image signals, and is different in view angle from the image of the objective frame is generated using

the input image signals of the plurality of the frames based on the detected motions and the layering. This biomarker may also be used to diagnosing the effect of a change in lifestyle on visceral adiposity in a subject. The preform is high-temperature mold-released from an injection cavity mold and an injection core.

1459827695-64f8df0f-9fa7-48e2-a0e7-04bdbcb93573

A disk drive includes an enclosure having a cover and a base, a spindle motor assembly, a disk, and an arcuate raised portion on the base. The display device comprises a base panel having a substantially rectangular body and a plurality of longitudinal slots formed therethrough, the slots extending across the body of the base panel in separate radial and tangential directions to provide multiple areas of access to the shopping cart wall for balanced mounting of the device. A lock control unit shifts the VCT phase in a direction opposite from the VCT phase shift direction if the VCT phase is located on a lock-mode VCT phase shift direction side of the intermediate lock position when the engine becomes equal to or less than a first rotational speed, and otherwise the lock control unit allows the lock pin to be displaced in the lock direction.

1459827695-7ad4510d-0741-4c1e-9aed-034cd62af55a

Various methods and devices for replacing damaged, injured, diseased, or otherwise unhealthy posterior elements, such as the facet joints, the lamina, the posterior ligaments, and/or other features of a patient's spinal column, are provided. Freshly prepared foods means foods that have, in some manner, recently been transformed into an edible or consumable format. The lever can be rotated between the open position and the latching position by moving the lever handle. The polyester resins contained in the fine polyester resin particles, respectively, are cross-linked to each other by a cross-linking agent. Lastly included is a barrel wedge assembly comprising an expanding wedge subassembly and an unloading rod assembly comprising an unloading rod and an unloading rod housing. The diodes, the high-voltage capacitor, and the high-voltage resistance substrate are arranged in the longitudinal direction of the flattened substantially circular cross-section of the winding portion.

1459827695-a7ec2aaa-d40c-46b7-a1ce-cd37693fecfc

A continuously tunable linear phase filter having a ground connection includes a three-terminal Bessel filter having an input terminal for receiving a signal, an output terminal for delivering a signal, a control terminal for receiving a control voltage, and a varactor. The erosion control block includes cable channels formed therein from respective opposite corners of the block so that an axis of the cable channels forms an  $\infty$  in said block. A portion of the second stay-composing part, which portion is between the one specific part and the other specific part in the direction of the vehicle width, is not located further forward than the specific parts, and at least part of the portion is located further rearward than the specific parts. The invention further relates to the inbred and hybrid genetic complements of plants of variety I226211. The method determines a level of a securement associated with the determined type by a correspondence table, and emits the message according to a protocol having the determined level of securement.

1459827695-b18cdd8b-efbf-4d83-9924-54ca6fce267f

This disclosure describes techniques for coding information in a scalable video coding scheme that supports spatial scalability. The LAN system uses different spread codes, maintains transmission power semi-fixed, and selects a frequency and a frequency band in accordance with the kind and amount of information. One conductor in each pair is provided at the inner element, the other at the outer element and being connected to a respective voltage line which extends to an input terminal and to an output terminal respectively, the conductors being surrounded by an insulating material.

1459827696-620f9920-9a86-46d7-8173-7fe017a9f4f0

A system and method create an interconnection among users of different social networks. Pressure losses in the air duct should be minimized in order to ensure good overall efficiency. The method also includes forming a fuse window opening that is very shallow in the semiconductor device.

1459827696-da8c894a-ceb2-4f80-a67c-e26d6062420f

A radio frequency identification system for a motor vehicle, in which RFID tags having unique alphanumeric codes are encapsulated and mounted to selected vehicle components, such as the vehicle chassis, body, or engine parts. The method allows changes to be made to the start-up sequence of processes and applications initiated by the operating system based upon the occurrence of a designated event during the BIOS boot sequence. The module further includes a segmentation-and-reassembly unit; and a buffering-and-scheduling unit.

1459827696-e379d9fb-4a63-4245-a9c0-c4820f875307

Rotor having a shaft having an axial direction, where an inner and central cooling channel with an inlet and an outlet for a cooling agent is provided in this shaft, extending in the above-mentioned axial direction. The comminution device and the circulatory pump are operatively interconnected in a manner such that the comminution device is at least temporarily driven by the circulatory pump. Those magnetizations can then be read as different logical states of the MTJ. Each electrode of the piezoelectric diaphragm is connected to at least one of the wing portions of the terminals by a conductive adhesive.

1459827697-0742b31c-e221-4013-ba3e-07a1fd8fabba

A fiber optic distribution terminal includes an enclosure having a base. A SAN management system for monitoring and controlling zone integrity of a SAN. There, the validation rules include comparison rules for determining whether a display provided by the view portion substantially matches the main data portion. When the measured pressure has reached a predetermined shut-down pressure, the secondary shut-off valve is closed. The dissociating includes compacting the heated raw biomass waste, generating heat from an internal heat source, and applying the generated heat to the compacted biomass waste under pressure. Pharmaceutical compositions and methods of treating disorders involving blood cells are also disclosed.

1459827697-a4860bf2-9673-4bd5-a7e3-2733bb4fb910

The present invention provides a weld monitoring system and method that monitors and automatically coordinates information on the quality of each weld in a workpiece having one or more welds. The polymers and compositions provide enhanced sensitivity to activating radiation. The directional loudspeakers may be used with other vehicle loudspeakers to control spatial perceptions. Motion vectors originating at one calibration frame and terminating at the other calibration frame may be calculated.

1459827697-d8c482e6-cb57-45ae-ab3e-2cfe462dafc2

An assay device is made by combining a polynucleic acid with a molten material capable of solidifying into a solid thermoplastic or thermosetting material and then allowing the molten material to solidify. The corrosion rate of the coupons 30 can be used to optimize the environmental conditions, so that items in the environment corrode at desired rates. It further enables detection of SAAL resource defects. Another feature provides for use of explicitly addressed device ID messaging to effectuate the desired broadcast. The axial bore at the end surface is for ejecting a plasma stream.

1459827698-1a64eb48-11da-4c32-be8c-3d9b1cd9f1bb

A surface acoustic wave device includes a piezoelectric substrate on which is formed a transducer that generates acoustic waves on the surface of the substrate



from electrical waves received by the transducer. Epoxystearic acid methyl ester in particular may be used as the fatty compound while a butyl acrylateacrylonitrile copolymer in particular may be used as the acrylateacrylonitrile copolymer. The remote system may receive local system data from the local system concerning the use of the exercise apparatus, and the local system may receive remote system data from the remote system concerning the operation of the exercise apparatus. Meanwhile, an intense line beam is produced having a narrow dimension along a fast axis from an array of coherent CW lasers of a selected wavelength. The plasma processing method flattens either a positive side voltage or a negative side voltage of a voltage waveform of a high frequency voltage generated to the object at an arbitrary voltage.

1459827698-22dc4289-d746-43e0-8b71-c027f2d10048

A novel maize variety designated X00B150 and seed, plants and plant parts thereof, produced by crossing Pioneer Hi-Bred International, Inc. When new photosensitive mediums are loaded in a certain image forming apparatus, attribute information of the new photosensitive mediums is transmitted to the database via the local area network. A password component is operable on the client system for automatically on a re-occurring basis generating a password for an application operable by the client system based upon at least two inputs accessible from the client system. The front support piece is longitudinally adjustable and a length of the toe strap is adjustable to enable the binding to receive boots of different length and style.

1459827698-423d7697-8ac7-4ed9-a61e-e89d237b309c

A magazine for a railway anchor applicator having an anchor receiving mechanism for applying an anchor to a rail includes a chute structure. Freely rotatable connectors can include a spinner assembly and spring clips. The method then determines by the sharing device, sharing preferences of the selected application, creates an application package at the sharing device, based on the sharing preferences, and establishes a network connection from the sharing device to the receiving device. The electromagnetic field is also provided by an implantable net or array of electrodes which may either be hardwired to a pulse generator or coupled by means of wireless or inductive transmission.

1459827698-475c6490-4ef6-4de9-a151-68bab071fa23

A method for determining an optimal routing of data packets to subnet addresses in a network including a plurality of routers interrelated by a defined neighborhood relationship, includes, responsive to learning of a presence of a subnet, determining a distance between the subnet and each router. The system is suitable for securing the contents in safety deposit boxes or similar locked receptacles, and selectively permits access to key locks only to individuals who have been determined to be authorized to have such access. The method and system also include setting a focus range and exposing the photoresist layer over the focus range to form a photoresist mask having a trench therein.

1459827698-5367d82f-3dbd-457d-be50-3139600c7373

At least one green filter G having a filter characteristic for transmitting a green light component is formed in all of horizontal, vertical and diagonal directions in a block consisting of six optoelectronic transducers in each of the horizontal and vertical directions. The storage assembly includes a body that includes at least one surface, at least one sidewall, and at least one recess portion defined within the surface. The connecting portion may provide the tray portion with a first rotation in a plane substantially parallel to a plane of rotation of a non-pivoting wheel of the wheelchair and a second rotation in a plane substantially perpendicular to the plane of rotation of the non-pivoting wheel. Measurements of the catalyst's temperature characteristics with defined modifications of an engine's operating conditions allows determining the catalytic converter's gas conversion effectiveness.

1459827699-e919b45c-c2a3-467b-9e86-36495d14c8ee

Briefly, one or more embodiments of a process, system, apparatus or article to edit electronic content is provided. The binding mechanism comprises a first or front retaining element for retaining the front toe-end portion of a sports shoe, a second or rear retaining element for retaining the rear heel-end portion of a sports shoe and an elongate connecting element of variable shape between the first and the second retaining element. , enhanced reliability is increasingly demanded on electrochemical devices, such as battery, for use as the power source thereof. The proxy session initiation server releases the resources and transmits an information packet to the serving session initiation server, which also initiates a release procedure.

1459827700-7e567e69-355a-4cd3-8bcf-570078079c5b

An information storage device includes a storage node, a write unit configured to write information to a first magnetic domain region of the storage node, and a read unit configured to read information from a second magnetic domain region of the storage node. In general, in one aspect, a remote unit in accordance with the invention includes a spatial processing unit to process signals received by a plurality of antennas. The user interface receives a request for a product type and instructs the pumps or metering devices to dispense a predetermined type and ratio of macro-ingredients, micro-ingredients, and diluent to the dispensing valve for a predetermined flow rate. The film exhibits an excellent property for preventing reflection of light and excellent scratch resistance and can be produced at a low cost. The method comprises applying a coating composition to the stent; followed by terminating the application of the coating composition; followed by inserting a temperature adjusting element within the longitudinal bore of the stent to change the temperature of the stent.

1459827701-3e0ed80d-f8de-498b-b9df-0a4b196cca4a

A burner for operating a heat generator, includes a swirl generator for a combustion air flow means for injecting at least one fuel into the combustion air flow. An adhesive impregnated mat is moved longitudinally, and granules are provided onto adhesive, in predetermined bands. If an activity pattern associated with a reboot of the host is observed, access by the host to the network is restricted based at least in part on the observed activity pattern. In its tensioned condition, the local spring portion does not project, or projects to a lesser extent than in the relaxed condition, on the inner side of the envelope element, such that in its fitted condition the local spring portion presses under its spring force against the pipeline.

1459827701-df3e3866-5d4e-4f00-8e31-b7cc534e6822

The monitoring system for a gas turbine engine including a viewing tube assembly having an inner end and an outer end. This system includes a plurality of components positionable on a selected location for establishment of a multi-station decontamination and containment facility to decontaminate personnel and to contain contaminants collected during the decontamination process. Further, the invention also provides the capability of properly checkpointing a data write to a stripe according to whether or not the stripe unit has been migrated previously. Because both the initiation and the rate of polymerization may be controlled with temperature, the inventive methods are especially suitable for ring opening metathesis polymerization reactions and for molding polymer articles that require extended pot-lives. Processing is laser-performed in relation to a selected material whose internal crystalline structure becomes appropriately changed thereby to establish the desired mechanical properties for a created device.

1459827702-0456a3d9-3f01-4cef-8155-6e8c275495d4

An acoustic imaging apparatus and method that achieves desired delays with coded signals. A work string is tagged into the expansion assembly and run to depth. Each group is randomly reordered and utilized to determine a profit maximizing price as

a function of the bids and budgets within that group. If it is determined from the monitored rate of change that the gauge pressure may exceed the upper limit, the degas power increases can be stopped or the degas power decreased.

1459827702-5263ef35-39de-44fa-b4a8-b4bef3eb63cb

An apparatus for multiple antennas having a low coupling coefficient in a wide frequency bandwidth in a wireless communication system is provided. This network device includes a network connector and an integrated circuit. The rails are preferentially arcuately curved to provide an elevationally divergent scan with a relatively wide aperture in the near field.

1459827702-684cc0a8-2f7a-41e3-9552-2a46ce13aab2

In a method of controlling RRC state switching in a wireless communication system, adaptively controlling RRC state switching between an idle state and a connected state for a user equipment based on at least a detected mobility measure for said user equipment. The method heats the surface during the machining to vary the machining process at the surface relative to other surfaces of the component. The cell synchronization can be performed by using the demodulated information of the selected cell. The resource managers may comprise part of the asynchronous messaging infrastructure. A selected multiplayer online electronic game is selectively launched on all of the player's computers through a single command issued by the host. Data symbols and pilot symbols are allocated for down link and up link transmission resources in a two-dimensional time-frequency pattern.

1459827702-d49b87d0-834e-4f2d-8f0e-60b97fffd2852

A spacer for an artificial spinal disc arrangement is provided. The method comprises providing a recessed region in the underlayer. A resin distribution system is positioned between the lay-up and the fluid impervious sheet. Data that is associated with the transaction as the transaction flows through the sequence of software components may be accessed.

1459827703-105dbdbd-1a79-47e0-86e7-ff33c060b09d

The present invention provides a novel structure that can be used to make a common mode filter. The balloon has a first layer formed of a first polymeric material and a second layer formed of a second, different polymeric material, the second layer having a wall thickness which is greater along the central working length section than the wall thickness of the second layer along a section proximal and/or a section distal to the central working length of the balloon. The plurality of storage nodes is formed over a semiconductor substrate. Each light beam striking the surface produces a Fourier diffraction pattern of scattered light in the back focal plane of the imaging lens.

1459827703-3f43eda5-aa56-4d55-a06d-a8c136a6faba

Austempered ductile iron for components requiring high strength and/or ductility, which has a silicon content of 3. The result data group may be assembled as a virtual native document within the host operating environment, such that data from the data group may be accessed and manipulated as a first class participant through the host operating environment by client computers, without requiring nonvolatile storage of external data as native data to the host operating environment. The new store presents an alternative to conventional stores that focus mainly on price when other attributes are similar. The connection track is routed through the router in accordance with the one or more QoS parameters assigned to the connection track.

1459827703-83dcaaff-71a5-4a78-8b53-83fd19eb0e1a

A lubrication system for an aircraft engine includes a lubrication fluid tank and a fluid passage communicating with the tank to define an entry of the passage inside the tank. Using an encoder, the second compressed digital video bit stream is generated. % water in the presence of an emulsifier and, optionally, in the

presence of an activator. In an alternate embodiment, a selectable first group of capacitors are switched into connection within the bias filtering module as a second group of capacitors approximately reach a fully charged state within a specified settle time to provide improved filtering. The stackable surface module is especially useful in certain applications, such as for earthquake-resistant walls, a cupola, a bridge, a site fence, a noise protection wall, an upwind power station, a heat exchanger or a coastal protection wall.

1459827704-97ce32e9-ac00-4de4-8ba8-d5018487da18

A method of evaluating the feasibility of a CoreSight trace architecture in a SoC before the hardware and/or firmware is available allowing for better die size estimates and package requirement for the design in the early stages of planning. A 3D visualization may be used to identify and conduct an analysis of the integrated circuit. A plate-shaped plastic part provided with holes and a plug which projects through the aperture and is connected to the cover via at least one hollow pin. Spring assemblies are utilized to absorb force applied by the user. The steam generator includes a common electrode part, a low water-level electrode part which senses a low water level, and a high water-level electrode part which senses a high water level, the high water-level electrode part having a lower end which is positioned above a lower end of the low water-level electrode part and an upper end which is positioned above the low water-level electrode part. Metadata corresponding to the first set of backup data is maintained in the second computational device.

1459827704-9f7a0b35-2653-4855-991c-636c46dae7d8

Novel antagonists of  $\alpha$ 21 integrin and  $\alpha$ 32 integrin of the general Formula I: wherein R1, R2, R5, L1, L2, Rb, W and Z are as defined in any one of claims 1 to 13, A represents  $\text{CH}$  or a nitrogen atom, and p is from 0 to 4. The amount of hydraulic fluid flowing through the valve controls a force generated by the door closer assembly on a door. For example, a set top box at a hotspot can receive an instant message which includes a data set, including cookies, from a personal data assistant. If the destination port is capable of receiving data, the destination port allocates a write reservation station to the data.

1459827704-cabb982a-bd48-4a47-8bdd-94089c507534

A high-concentration photovoltaic solar module is formed by a casing that contains photovoltaic receivers in the base thereof, which are interconnected with one another, and in the upper part thereof has Fresnel concentrator lenses in a plane parallel to that of the photovoltaic receivers, which close the casing in a leak-tight manner. The longitudinal fabric elements may be secured to the cover cloth layer and the inner cloth layer with such as stitches. Indicator device responsive to the risk estimate indicates the risk of injury, or alternatively the risk of failure to incapacitate, and warns the user of the apparatus when the risk exceeds a predetermined threshold. The built-in antenna has an antenna element in a linear or plate shape. The filter element traps contaminant in the contaminant tray including when the contaminant tray is removed from the housing, to prevent spillage of contaminant during servicing.

1459827704-dcec5f53-978d-4f44-b5cc-3d16d72a87ab

A terminal and controlling method thereof may be provided such that a terminal user may select a specific channel from a plurality of broadcast channels received by a mobile terminal. A spray assembly is provided which includes a spray source for providing a stream of material to be deposited on a substrate, a collimator which is positioned in a path of the stream from said spray source and an aperture assembly, which is positioned downstream of the collimator with respect to the spray source and above the substrate platform. A predetermined color is given to a left side surface of the long projection, and a color different from the above color is given to a right side surface of the long projection.

1459827705-55ac72d9-45f2-4dd0-a746-c7c5a1b8413f

Shifts in the apparent charge stored on a floating gate of a non-volatile memory cell can occur because of the coupling of an electric field based on the charge stored in adjacent floating gates. A method is disclosed for treating a patient with an obsession, a compulsion, an anxiety or a depression disorder. Cohorts can be passed between views and analytics via drag-and-drop interactions as an analysis unfolds.

1459827705-99318003-a972-47e8-bf53-6ef34b9a3444

A workspace energy management method and system control the power state of workspace appliances using multi-factor presence detection and mobile phone identity verification. In one embodiment, terminals for signals sensitive to trace length outside a die are arranged at the corners of the die. The conductive film extends from a top surface of the light absorption layer to a bottom of the trench along one-sidewall of the trench and is divided at another-sidewall of the trench. 0% and a particle size of 45 to 75  $\mu\text{m}$  is 20. A weak filtering operation can be applied to reduce blocking artifacts, and a strong filtering operation can be applied to smooth luminance transitions. The microorganism preferably further exhibits reduced intracellular S-adenosylmethionine synthetase activity, L-threonine auxotrophy, enhanced intracellular cystathionine  $\beta$ -synthase activity and enhanced intracellular aspartokinase-homoserine dehydrogenase II activity.

1459827705-e35aa2a9-7f32-434c-a4be-dced14f92653

Timely projections of product sales for a reporting time period are obtained by combining actual sales data received from reporting stores and estimated sales data for non-reporting stores. An embodiment of the invention includes a minimum of three channels for digital computation in Primary Flight Computers and four channels for digitalanalog conversion in Actuation Control Electronics. The male clip is loosely inserted through the insertion hole and engaged with the female clip around the insertion hole via an abutting brim, thereby producing a gap between the insertion hole and the male clip, thus increasing the degree of freedom of positional adjustment, reducing the steps for mounting and controlling the accuracy of the attachment, reducing the overall cost.

1459827706-3c94ab2a-f719-4719-8f32-38cc340de3d3

An apparatus for generating pressure pulsedshock waves is disclosed which comprises a pressure pulsedshock wave source, a housing enclosing said PPSW source, and an exit window from which wave fronts of waves generated by said PPSW source emanate. The tread band also includes a first portion of a first elastomeric compound having a first modulus of elasticity between about 12 MPa and 16 MPa, measured at 23 C. The data processing unit generates status data of the data processing unit, including the notified management data. Non-magnetic material is photolithographically defined to produce gaps above a spacer.

1459827706-566d8c18-bd9c-44e3-bf50-76f417907917

A complete power management system implemented in a single surface mount package. The composition can be used to prepare foundry mixes. The network controller also includes a 101001000BASE-T IEEE Std.

1459827706-8cbb9e46-659c-459a-abea-d7989cd1939b

A method for charging an implantable medical device includes charging a lithium-ion battery provided in a medical device, the lithium-ion battery having a negative electrode with a lithium titanate active material. The array of LEDs is formed by dividing a multilayer epitaxial structure having a N-sided polygonal cross-section where N is an integer equal to or larger than 6. The rules may include one or more syntactic rules or conflict rules. Real time dynamic enrichment of the decision making context occurs by retrieving additional information required to evaluate the rules. A switching system including valves 90, 92, 94, 96, 98 alternatively

provides first or second scrubber solvents to the absorber tower and returns the used solvent and sorbed material to the carbonylation system to accommodate different operating modes. In other embodiments, a network-based e-commerce environment includes offering the client participation in an accrual of credits at a predetermined multiplier of the periodic flat rate paid whereby such credits are accrued over time and may be redeemed to offset legal fees otherwise payable.

1459827707-4f858b99-ef86-4a94-ac06-8983c959b524

A method and network node are presented to route a signaling message in a SS7C7 national telecommunication network between a Border Node within a first licensed operator network and a destination node within a second licensed operator network. The body is configured for receiving the picked table tennis balls therein. An oil mist inlet may be positioned adjacent to a first side of the bearing mechanism and be in fluid communication with the bearing mechanism. The methodology further involves using the mobile communication device to communicate the physiological data to a network server. The signal filtering is preferably used for medical measurement signals, preferably in the area of pulse oximetry and for measuring blood pressure or determining the heart rate.

1459827707-8025138d-aaa4-42ec-a85a-f690cba28293

A method of forming a resist pattern on a semiconductor substrate, includes forming a resist film on the semiconductor substrate, and supplying a developing solution on the resist film to remove the resist film, wherein a portion of the resist film remains on the semiconductor substrate. The scheduling method for a node B in a wireless communication system supporting a plurality of carriers includes determining a delay weight for each of a plurality of user equipment according to a preset weight application time point. In some implementations, the user may upload playlists to the network in order to permit other users to view the playlist and, if desired, watch the playlist's contents.

1459827707-cf381884-ae18-4296-82b2-9cfd4b8bc51b

A system and method of processing a test current for an analyte measurement in a fluid using a test strip and a test meter are disclosed. The disclosed organic electronic device show excellent characteristics in terms of efficiency, driving voltage and stability. After proceeding a photolithography process, developing processes, the cathode ramparts and the insulating layer are formed simultaneously and the first display electrodes are exposed partially. Each half of the blind includes a plurality of slots through which a gun barrel can be inserted or through which an arrow can be shot. The magnetic flux lines can be oriented longitudinally and/or transversely with respect to the device. The undergripping projection is located on the upper side of the ring and sits against the latching projection when the ring is in an unflexed position.

1459827708-95262bb6-b050-4f5f-ac34-ead95f934d75

Crystals of 5-2-amino-4-pyrimidin-5-yl-1-methylpyridin-2-one having a diffraction peak at a diffraction angle of  $\theta$ . The memory cell includes an anti-fuse storage element and a selection transistor. One or more fins adapted for dissipating heat produced by the LEDs may be disposed on the support structure. The vehicle body structure of the present invention makes it possible to further effectively utilize a sidewall surface of the vehicle body so as to desirably enhance a function of the sidewall surface as a whole. Finally, duplicate results are removed and remaining results reduced into a result set for the problem. A plurality of support members extends through the catheter, essentially parallel to its axis, exits the catheter at a defined distance from its distal opening, and is attached at the catheter in proximity to its distal end.

1459827708-9aa04035-acc1-443f-a529-2feb03567efb

A method which allows standard telephone users to audio conference with video conferencing participants over IP networks in a private secure environment. The

cross-section can have a filament factor of about 2. The ratio of the thickness of the nonconducting layer to the thickness of the outer conducting shell is determinative of the wavelength of maximum absorbance or scattering of the particle. In response to the command received from the cellular phone, the receiving facsimile machine either forms an image based on the facsimile data on paper or forwards the facsimile data to another facsimile machine near the recipient.

1459827708-b95c32d3-e591-4f5f-9f85-82fdced1dd40

A method for forced regeneration of a catalytic regenerative particulate filter is disclosed. A portion of the waste water stream is electrolyzed to provide a solution containing hypochlorite ions, a quantity of which is mixed with the suspect water in sufficient quantity to sanitize the suspect water and maintain sufficient residual chlorine to prevent re-contamination. The vehicle information interface collects vehicle velocities, acceleration and deceleration, and mileages and provides them to an electronic control unit. Second, the brackets are provided with a vertical member which engages the shelves. The N-type electrode part is formed of a second inorganic solid powder including only the first powder.

1459827709-1ccda25f-b75a-46b4-8111-4defe15e955a

A communications channel comprises a seed selector that selectively removes X M-bit symbols of user data from a seed set comprising Y M-bit symbols and that selects a scrambling seed from Y-X symbols remaining in the seed set, where X, Y and M are integers greater than one. Also set forth are their preparation by reacting the icosahedral boranes closo-B<sub>12</sub>H<sub>12</sub>, closo-1-CB<sub>11</sub>H<sub>12</sub> and closo-1,12-2-1,12-C<sub>2</sub>B<sub>10</sub>H<sub>10</sub> with an acid anhydride or acid chloride to form the ester or an alkylating agent to form the ether. An output responsive to the data signals and to a first clock signal indicates whether all of the data signals represent logical zero data.

1459827709-40b150cc-4e5f-4c5d-94f2-cf684754957f

A method is disclosed for making a high crystalline quality layer in a surface region of a wide bandgap material substrate. A virtual view is defined on top of the common star or snowflake data warehouse schema. In the polymerization process the monomer is metered continuously or discontinuously into the said initial charge. A portion of the contact etch stop layer and a portion of the dielectric layer are removed to expose the top of the gate structure. A removable cover can be disconnected and connected as each expansion collar is added.

1459827709-5ecf2203-434c-460c-8f67-1ebb6a1a4722

An information processing system has a portable information terminal and an information processing device that allow communication therebetween. A second request for access to a second data segment corresponding to a second address included in the second request is received during a second clock cycle. The measurable capacitance is allowed to share charge with a passive network. A clamp attaches to the first block for holding pipe sections and lowering pipelines after the pipe section connects to the pipeline.

1459827709-753e0be5-db4f-4349-93b8-caca3cdb4450

A generally spherical turbine configured to rotate transversely within a cylindrical pipe under the power of fluid flowing either direction therethrough is operatively coupled with a rotating machine or generator to produce electricity. A data write circuit sets the other end of the selected bit line and the other end of the current return line to one and the other of a power supply voltage and a ground voltage in accordance with a level of write data via one of first and second data buses and an inverted data bus, respectively. The surface layer can be removed by abrasive particles embedded in the polishing pad, or a thin inorganic layer coated on the polishing pad. The electrode comprising can include a noble metal connected to the glass layer by an adhesion layer comprising Ta<sub>2</sub>O<sub>5</sub>.

1459827710-80ae47b0-c5f4-442e-8eeb-6f4256381a9c

To provide a machine tool in which positioning accuracy of a ram is ensured, realizing improved machining accuracy. The method includes storing, by a cloud infrastructure system including computing devices, notification templates. When the count value is below a predetermined threshold, the outputs from the GPS receiver are treated as abnormal, and after it exceeded the threshold, the outputs from the GPS receiver are treated as normal. The RC extraction tool is configured to extract the first parasitic capacitances inside at least one region of the plurality of regions using a methodology more accurate than that for extracting the second parasitic capacitances. A cooling unit is disposed inside of the intermediate transfer medium to cool a backside of the intermediate transfer medium to in turn cool the intermediate transfer medium.

1459827710-bc3fd8f8-192a-423c-a917-7f1b8ae6096b

A device comprising a doped semiconductor nano-component and a method of forming the device are disclosed. The magnetic field generating member 25 constitutes a multiplex ring structure in which a magnet 25a and a support ring 26 are integrated together, whose faces opposing the diaphragm 20 have respectively magnetic poles of the same polarity. The exterior surface contacts the opening of the anomaly and closes the anomaly. Various decorative detail may be added to the fabric cover and/or the extensions, such as embroidery or cut-outs, which may be left open or have an insert extending across part or all of the cut-out. The invention further relates to a method for ether fumigation of the combustion air in a self-igniting internal combustion engine for vehicles.

1459827710-cee36303-62b1-422f-b53e-9643d5558161

The invention is directed to preparation of stem cell and physiologically acceptable matrix compositions. The coating composition combines solids content of greater than 30% with good runnability. In one embodiment, the day can be divided into different time periods by the user. The catalyst and methods may be used for the concurrent in situ and ex situ conversion of organic compounds.

1459827711-40596fe8-845e-46a1-89d6-d683ab7a62ad

An antenna structure used in a folding portable radio terminal, has. Since unreliable data are adequately avoided from the data accumulation, the reliability of the accumulated data is assured, and an accurate absorption spectrum can be obtained. 02% by weight of at least one catalytically and/or chemically active heteroatom selected from the group consisting of Al, Ti, V, Cr, Zn, Fe, Sn, Mo, Ga, Ni, Co, In, Zr, Mn, Cu, Mg, Pd, Pt and W, and the catalyst has an X-ray diffraction pattern with one peak at  $\theta$ . When the password policy information for the target user has been collected, the proxy server evaluates the collected password policy information to determine an effective password policy for the target user.

1459827711-5ccab702-935d-487d-be1e-cc33326157e1

An architecture for network layer mobility support, using always on broadband high speed access and a network-based mobility manager, termed as a network server or gateway is disclosed. The nick cutting mechanism includes a first cutting unit configured to form a hole-shaped nick for each cutting area. The non-azide gas generating material when combusted produces inflation fluid which comprises carbon monoxide and nitrogen oxides. The UE automatically initiates the measurement of the CSG cell and/or Hybrid cell when the UE is close to its own footprint area or fingerprint area.

1459827711-87639dd4-b895-4ca2-aa72-c716f8463d8c

A charge recycling decoder shares charge between output nodes when input nodes change state. This lid preferably of transparent material is provided with a filter changing color when it is saturated and arranged in a burn proof ergonomic knob that can be detached from the lid flat allowing an easy cleaning and washing of all its components. On the second pass, the pick indices of the selected primitives are



rendered to a temporary frame buffer area, using a Z-buffer for hidden surface removal so that only the pick indices of the primitives visible within the pick aperture are stored in the corresponding frame buffer portion. An operation rod is rotatably inserted in the body and includes two first paths, two second paths, a third path and two fourth paths. The first and second hinge protective protrusions 36, 43 limit bending directions of the first and second thin-walled hinges 14, 15, on the occasion that first and second covers 12, 13 engage with a clamp main body 11 so as to clamp down a flat cable 60 between the first and second covers 12, 13 and the clamp main body 11. An exit module is configured to assign an exit route to an exit of the defined geographical area to a client machine of the mobile client machines within the defined geographical area.

1459827711-b0c2b5e6-0a4a-43c3-b279-32aef306ad51

Matching circuit for radio antenna that functions on a two-frequency band which are spaced approximately at a distance of one octave, wherein the upper band is broad. With the waveform generating device of the present invention, first performance data are updated in conformance with tempo alterations of second performance data. The undecomposed  $\text{NH}_3$  partial pressure control step and the  $\text{CO}_2$  partial pressure control step are carried out in the atmosphere control step such that  $ac^*$  defined by the following equation is at least 0. When  $V_p$  represents the acoustic velocity in the piezoelectric element layer,  $V_m$  represents the acoustic velocity in the matching layer,  $T_p$  represents the thickness dimension of the piezoelectric element layer, and  $T_m$  represents the thickness dimension of the matching layer,  $V_p V_m = T_p T_m$  holds. The semiconductor region is electrically insulated from the gate block by the gate dielectric region.

1459827711-de886342-d0a4-4e30-be1b-7aed1e27e8cc

Information is coded and segmented into a plurality of sub-packets. The switching mechanism comprises a first actuator plate to operate a first circuit breaker connected to a primary power supply, a second actuator plate to operate a second circuit breaker connected to a secondary power supply, and an actuator. Therefore, it becomes possible to increase the process efficiency of the back-end chip and to reduce the power consumption.

1459827712-26e5b892-5a25-4c60-bde2-36fffab42322

Substrate processing systems and methods for etching an atomic layer are disclosed. Additional apparatus are described. The roughness-sensing device generates an output responsive to a roughness of the polishing pad.

1459827712-2d13ef93-0523-4be2-896a-9ac3946c67a0

The invention provides a method for simultaneously forming a surface texturing pattern on the surface of an FRP product when manufacturing the FRP product by hot-pressing a prepreg material. Signals can be transmitted from the communications gateways to the electronic devices over a plurality of different types of wireline media. One of said central and marginal parts includes at least two segments having two different step heights, respectively, for introducing in said first operating mode two wavefront modifications  $W_{2,1,1}$ . The liner provides a hemispherical bearing surface for a head at an upper end of a femur. The band encircles the wearer's head between the mask straps.

1459827712-a8cbe14a-43c3-4570-b594-f8a5a22e05a4

Provided is a system for fixing a seat in an aircraft, the system including a movable base and slide. The image forming apparatus further includes at least one cleaning unit including a backup roller which abuts against and presses the heat roller in order to remove remaining toner attaching to a surface of the heat roller. Finally, the invention relates to a plug link for such a connecting terminal. When an explosive blast occurs in the cargo container, the structure is flexible and utilizes membrane strength in the entire container structure, whereby the cargo container is capable of withstanding the explosive blast. The button is

operatively coupled to the motor. Also presented is a catheter designed for wounding the epithelial layer of the utero-tubal junction, and a method of using the catheter to form a long yet shallow lesion in the utero-tubal junction.

1459827712-b9e518c5-3eb1-40cf-afdf-7ec8b023847e

A compact, robust, multifunctional and highly manufacturable rechargeable cylindrical electrochemical cell is provided. A representative system includes a substrate having a display region and a peripheral region, and a mosaic color filter pattern formed in the peripheral region. 2 MPa or more and 5 MPa or less. If the date and time when the another apparatus was assigned the IP address is earlier than the date and time when the apparatus was assigned the IP address, APIPA is executed to decide the IP address of the apparatus. Hence, the rated static load capacity is improved in upward, downward and lateral directions.

1459827712-dbf71941-80cb-4ef1-b024-30851f0bedf5

A method or process for substituting an inert gas or blend of inert gases for ambient air in the head space of a container filled with leftover oil-based finish prior to sealing the lid. The AQM process is queue based and involves applying at a queue size threshold congestion notification to communications packets in a queue of a link via packet dropping; and adjusting said queue size threshold on the basis of the congestion level. The design of the incomplete incurving ring allows keeping the capsular bag open and tense to allow a greater displacement of the optic, and the incurving tabs provide a greater accommodation power by curving the optic and increasing its thickness.

1459827713-14f2eff1-2e98-4e8b-bd32-9b88e4f35649

A method for the production of 6,6,6-trihalo-3,5-dioxohexanic acid esters of formula :in addition to the enols thereof and  $\text{E}$  and  $\text{Z}$  isomers, wherein X independently represents fluorine, chlorine or bromine and R1 represents alkyl, cycloalkyl, aryl or aralkyl. The at least one lane is connected with the first interface. The box is internally tapered to match an external taper on the battery, and has guide rails to facilitate insertion of the battery. By reciprocating the plunger, a user can individually dispense a pill through the lower end of the housing.

1459827713-33c1ad22-adc1-44ba-b308-47848a5a1969

The resorbable cryoprobe device and process is a novel approach for treating localized disease allowing for the precise combined application of freezing temperatures and cytotoxic or cryosensitizing agents within a self-contained matrixpackage for optimized tissue destruction. The vehicle occupant sensing system includes a base, an upper slide member supported for movement toward and away from the base, and at least one guiding rib. As disclosed, the layers may comprise leads, dice, bond pads, or other substantially planar semiconductor package surfaces. Information relating to the assets is then displayed to a user of the system. Thereafter, swaging is performed to bring the insulating material into a highly dense state thus fixing the electrode lead-out wire and an electrode lead-out rod in the metallic outer sleeve.

1459827714-8f62b19c-5fa9-451e-a2f2-d3f721c888be

A method is provided for extracting a foreground object and a background sprite, wherein a provisional sprite is generated, the foreground and the background is separated on the basis of the provisional sprite, and the background sprite is generated. The printing system comprises a processor configured to perform a first digital halftone process on a first portion of the image and a second digital halftone process on a second portion of the image. A write request is received including an updated source track for a point-in-time source track in the source storage in the point-in-time copy relationship. The subset of base stations may correspond to a network active set of base stations associated with the mobile device.

1459827714-9261e309-df59-412f-9cd8-91f433c4a5df

The techniques of this disclosure are generally related to parallel coding of video units that reside along rows or columns of blocks in largest coding units. The invention also refers to adhesive compositions comprising the resin composition. A resource allocation of the at least one controlled resource is adjusted to effect a desired system goal expressed in terms of the at least one dependent parameter. When the half-bodies are closed, the two upper half-portions form an enclosed lower cylindrical body designed to loosely capture a mounting plate fixed to the lower surface of the machine's tool head. By engaging the plurality of engaging portions of the opening rim with the engaged portions of the lamp housing section, the light source lamp section is secured to the lamp housing section of the body.

1459827714-a46889f7-a571-483e-bd47-4eea6a6cec7f

The present invention provides a noise barrier apparatus for inhibiting external noise from causing the presence of noise in an audio chamber defined by a noise barrier device and including the user's ear canal. The motorfan assembly is positioned above a chassis wall. In this manner, an intravascular medical device may be implanted at a location remote from final placement, delivered via the vasculature and anchored at the initial entry point. For example, upon the first actuating element being actuated, torque can be exerted on the first pivot lever. Based on the calculated LPGA, the timing constraints of the blocks are updated. A demand over lead-time is computed for each part at each location using the availability lead-times for the part.

1459827715-15258959-8f75-425a-9394-1e90fe5d1d5e

A lacrosse head having a wide catching area and channeled thongs. For example, when liquid refrigerant is compressed within a compression chamber, the inlet valve 21 receives excessive load which is about to bend the inlet valve 21 largely toward the suction chamber side. The first organic compound layer is formed using a mixture formed by mixture of the plurality of evaporation materials in advance. The processing includes granting access to a system resource exclusively for the set's respective message responsive to the lock acquisition node processing its respective message. The different orientation of the semiconductor memories makes it possible to reduce the height of the printed circuit board while enabling the rectangular housings to keep the same physical form. The cap has a punch holder extending downwardly therefrom.

1459827715-646b87d2-c607-4a1a-b165-c7b867be4629

A driving unit of an image forming apparatus is configured in such a manner that an engagement noise frequency is larger than an image-quality assurance frequency and that the engagement noise frequency is less than or equal to an upper limit frequency of a one-third octave band frequency range including the image-quality assurance frequency. 500 or LDAP, to a relational database, a database design and use of the database to perform such services. The concentrated thermal radiation can be utilized locally or remotely through optical fiber systems.

1459827715-78342a5e-a3ce-43c1-aff7-9f207035e2bf

The field of the present invention relates to the field of batteries and of polymer electrolytes for batteries and more particularly to the field of lithium batteries. The publication-dispensing apparatus permits travelers having a subscription to a newspaper, magazine, or other publication to obtain a copy of the subscribed publication, or a copy of an individual article from the subscribed publication, without paying the full cost of a new copy. The engaging protuberances of the inner cap and the engaging protuberances of the outer cap are engaged with each other and rotate the inner cap when the outer cap is rotated while being pressed toward the inner cap. 17 is satisfied where J is relative jitter with respect to a basic clock T0 and M is a degree of modulation of recorded signal. The second PWM signal has a second duty cycle, which is determined in accordance with the duty cycle reference

voltage.

1459827715-ea37a276-23f5-4dd2-a8ae-972f49a9e28e

A multi-tiered building structure. The system includes a central base with a motor which moves a rotating member of the base. The water inert polymer may be a polymer such as an emulsion polymer or a latex polymer.

1459827716-1e56be19-6fb2-427f-a087-23fbaac620af

A system and method of scheduling photograph print jobs is provided. The tongs comprise a pair of tong members pivotally connected together and biased away from each other to define an opening angle therebetween. The die defines a slot extending inwardly from a perimeter for receiving a distal end portion of the elongate band so that the gasket does not unwind. The arrangement of the elementary surfaces and the surface portions in the matrix form an item of concealed information which is not perceptible to the naked eye, in the form of graphic or alphanumeric characters which however are reproduced in a color photocopy with a color or gray value contrast which is perceptible to the naked eye.

1459827716-630491ed-0cb1-42f8-a0ce-8cd37ecc1c34

A method and apparatus for backing up data in response to detection of an imminent threat to the integrity of the data stored on the storage component a computing device is disclosed. The optomechanical transducer provides a large operating bandwidth and high efficiency while simultaneously having a small size and minimal power consumption, enabling a host of transformative phonon and signal processing capabilities. The controller calculates an optimum flow amount of refrigerant corresponding to the optimum heat collection amount, so that a maximum driving power is generated at the expansion device. The method further comprises generating a snapshot of the data stored in the storage system in response to the command. As the runner progress along the course, the RFID tag is triggered at each mat and race data is displayed on the device.

1459827716-c00351f8-6c73-4d09-8615-0f1342cd71d5

A current mode PWM buck regulator is provided. In this method antenna beams are directed to be adjacent so as to set at least one of the estimated directions of arrival of the received signal within the range between antenna amplification maximums of the antenna beams and signal is sent using said antenna beams. The formatted data is transmitted through, e. For example, the flow control turbine is operable generate a greater pressure drop in water produced therethrough as compared to oil produced therethrough due to differences in the density, viscosity or other property of the produced fluid. A back metallization is on the second chip face, on sides of the frame structure, and on sides of the cover. The present invention also includes a variety of methods of treatment using these inventive sodium channel blockers.

1459827717-24ce58cf-1f18-4f67-ba79-9aceb056f48c

An automated balloonsonde launcher and a method for an automated balloonsonde launch are disclosed. The tower structure may be a tapered monopole tower, a step mono tower or a lattice tower. The image data may also undergo enhancement processes to increase the quality of the printed image.

1459827717-56dbe3c1-1d7c-45eb-b811-114b49aa74eb

A coupling for a molten metal processing system to provide coupling for rotorshaft systems which has a heat break to prevent heat flow to a motor. The closure is fixed axially by a positive engagement with the cylinder up to a temperature threshold and the closure can carry out an axial movement for relieving pressure above the temperature threshold. The first portion has an edge located in the medium facing surface, and the second portion is located farther from the medium facing surface and from the substrate than the first portion. In another embodiment, a presentation vehicle is employed to display a first content

responsive to a first end-user behavior. The CPU produces a divisor based on the fill level. The semi-cylindrical shielding parts are arranged in corresponding recesses of the remaining shielding parts by means of the envelope surfaces thereof, such that the recesses in the envelope surfaces form air channels between the semi-cylindrical shielding parts and the remaining shielding parts.

1459827717-891a8d5f-9934-4a0f-8dae-b93e7faef9db

A camera is made compact with its internal temperature adjusted to a more appropriate temperature. A plurality of flexible bristles is secured at ends thereof to a wall of the chamber and extend into the chamber such that particles carried in an air stream entering the inlet port contact the bristles. Therefore, multiple processes, which could be processors, tasks, or threads can access the cache during any cycle.

1459827717-e477bc88-8ed0-44c2-873a-f6047005d96f

Implementations include systems and methods generate data for training or evaluating semantic analysis engines. The variation coefficient of equivalent-circle diameters of all the silver halide grains is 40% or less. Branches of the power distribution system which are not desired to be in use can be operated at zero power and be brought back on line within milliseconds, when needed. The closure unit is hingedly mounted to said box and has openings covered by a netting material and also has a plurality of collapsible support arms to support an open position.

1459827718-17ee9ff3-0577-47a4-a82f-f267dc7ae107

A story interactive grammar teaching system and method. The customers engage the customer activities while holding in a queue where the customer activities reduce the boredom, frustration, and perceived hold duration associated with holding to speak to a live agent. First and second connectors are mounted in the base and extend into the body cavity. The object is temporarily held at an elevated location relative to the mailbox housing. Compounds of the present invention are useful as inhibitors of trypsin-like serine proteases, specifically factor Xa. An example of a method for user-assisted segmentation of a 3D point cloud described herein includes obtaining a 3D point cloud of a scene containing a target object; receiving a seed input indicative of a location of the target object within the scene; and generating a segmented point cloud corresponding to the target object by pruning the 3D point cloud based on the seed input.

1459827718-4a71e93c-5992-4131-9a29-78c5566b2727

A cleaning system 210 having nozzle assembly 10 for a pressured fluid stream entrained with abrasive that includes a pressured fluid receiving portion 15 adapted to accommodate a pressured fluid dispenser 20. The tool has an opening placed in it. A second record is sent to the billing system indicating that, at the given time, a given wireless terminal was a member of the multicast group.

1459827718-688c18df-3f23-4e30-9609-f2a57a3286f0

Disclosed is a noise current compensation circuit. The support frame is movably attached to the truck frame via a plurality of extendable lifts and support links, which allows the debris collection container to be lifted up and rearward from the truck frame. At a substantially higher delta VT, programming of the first bit of the memory cell causes the second bit to program harder and faster due to the shorter channel length.

1459827718-6d807c86-d311-4085-a7da-246c8b4d0141

This invention comprises the novel compounds of formula wherein r, s, t, Y1, Y2, Z, R1, R2, R3, R4, R5, R6 and R7 have defined meanings, having farnesyl transferase inhibiting activity; their preparation, compositions containing them and their use as a medicine. Embodiments of the present invention also provide methods for producing such composite bodies. The externally provided second sensor signal is

provided by a remote node that includes a second fiber Fabry-Perot interferometer sensor unit for receiving the optical signal for temperature monitoring to generate the second sensor signal according to temperature, and a waveguide grating router unit for transmitting the second sensor signal to the optical line terminal.

1459827718-a1ce0257-d825-44f6-9536-18beeff35db6

An integrated device for enhancing signals in Surface Enhanced Raman Spectroscopy. The suction head includes a sleeve-like body having a connection to an under pressure source at one end and an opening for picking up articles at the other end thereof. The fluid channel formation substrate has a plurality of separate flow channels that include at least pressure generation chambers demarcated by partition walls, each of the pressure generation chambers being in communication with a nozzle opening that ejects liquid drops. The misfire determination means calculates a predetermined function based on the ion current detection value and determines that the condition is combustion when the magnitude exceeds a threshold value.

1459827719-0d314c21-b961-4c03-a2bc-894622129683

At least one embodiment of the invention relates to a method for the reconstruction of image data of an examined object from measuring data, wherein the measuring data were detected by a detector within and outside of its Tam-Danielsson window during a relative spiral movement between a radiation source of a computer tomography system and the examined object. In one embodiment, a plurality of MR volumes is received. An associated computer usable medium and a wireless communication device are disclosed. The AMAC is a probabilistic checksum based on a shared key.

1459827719-50ed2042-dda3-4078-907e-49724a9323d3

An apparatus for combining light from multiple laser sources has a first laser array to emit beams of a first wavelength in parallel and in a first plane and a second laser array to emit beams of a second wavelength in parallel with emitted beams in the first laser array. Each oil mist collector preferably includes a vertical spiral coil wall defining a spiral flow path into which the mist is directed, the oil droplets collecting onto the spiral coil wall and draining into a collection chamber below the spiral coil wall for return to the associated machine tool via a drain line. The method may also facilitate communication with a contact using online communication mechanisms. This assembly results in a variable rate moment arm and continuously increasing leverage when the suspension air spring is overinflated to lower the system for transfer of the trailer from a highway tractor to a rail bogie, thus enabling use of a less robust air spring.

1459827719-5474bfd2-0821-42db-a444-083e4a01a182

A front end module for an optical receiver is disclosed. An internally threaded retainer nut with integrally molded test cap is threadably engaged over the overflow elbow cylindrical fitting to compress gaskets against both the inside and outside surfaces of the tub. The demodulator may further generate channel estimates for the unknown data portions based upon the desired time-domain interpolation filter and the desired frequency-domain interpolation filter, and determine the unknown data portions based upon the channel estimates.

1459827719-89d5a1af-01c5-43e2-a511-3b0f3c7c4294

A pachinko machine board includes a game board on which nails, a start chucker, a big prize winning port and prize winning ports are fixed and a projection mechanism formed for projecting projection light from the rear surface of the game board to display images for a game on the game board. The optical sensor comprises at least one measuring head. An ECU demodulates the return signal into frequency and amplitude components. The adaptation unit generates a flag when the adaptation unit generates a coefficient, and the coefficient is entered into the first one of the coefficient delay elements when the shift register receives the flag. In this manner, the output bit produced by the instruction execution unit executing an instruction may be selectably stored in memory to facilitate efficient processing

of conditional emulation operations.

1459827719-e99fd757-4b49-42e3-8bb9-7b7347820a83

A method utilizes sputter transport techniques to produce arrays or layers of self-forming, self-oriented columnar structures characterized as discrete, single-crystal Group III nitride posts or columns on various substrates. Such corrosive effects are especially inhibited in the treatment of sour wells where H<sub>2</sub>S corrosion is a potential problem as well as conduits used during the treatment of subterranean formations. The detector arrangement is positionable such that a section of the detector arrangement is torque-free. Each of the at least two versions is evaluated using a plurality of operating conditions. The compounds are useful for the treatment and/or prophylaxis of diseases which are associated with the modulation of CB<sub>1</sub> receptors, including obesity. A hitch assembly is removably connected to a vehicle and includes a docking structure for removably connecting to an upper portion of the power chair to permit the drive assembly and wheels of the power chair to be raised while the chair is in a docking position.

1459827719-fe910a43-f2d3-40d2-b7d6-e9e7f8338d63

A spacer for a fuel assembly of a boiling water reactor has a frame formed of outer webs and inner webs disposed crosswise relative each other. The tower is provided with a pair of spaced-apart guide rails positioned at one side thereof which extend from the lower end to the upper end of the tower. The SCR analysis module estimates an NH<sub>3</sub> rate of change based on the NH<sub>3</sub> slip, conversion, supply, and oxidation rates and estimates an NH<sub>3</sub> storage change based on the NH<sub>3</sub> rate of change.

1459827720-42fffcac-5679-4b19-841a-445a3fdd4275

1,3-butadiene is obtained by extractive distillation with a selective solvent from a C<sub>4</sub> cut comprising C<sub>4</sub> acetylenes as secondary components in a dividing wall column having a bottom evaporator, in which a dividing wall is disposed in the longitudinal direction of the column to form a first subregion, a second subregion and a lower combined column region. A service-provider maintains a master index of the digital media objects and a playlist-resolver server. Each magnetic strip activates a different feature of the card. Further, user input is received from the foot-based interface and mapped into a command. The sampling tube extends a predetermined distance within the sampling chamber, and defines a fluid pathway between the inlet and the sampling chamber.

1459827720-9a45274c-4b05-4002-9bf4-7bd448fd0f83

A distinct cultivar of Chrysanthemum plant named Foxy Yopatricia, characterized by its upright, outwardly spreading and mounded plant habit; freely branching habit; uniform and freely flowering habit; decorative-type inflorescences; red-colored ray florets; and natural season flowering in late September in the Northern Hemisphere. The barrel portion includes one or more first cross-sections having a first stiffness and a plurality of second cross-sections having a second stiffness. The API provides placement directives that can be called from the HDL code that defines functional characteristics of the circuit. A recess part 53 for enlarging a distance between the base end parts 51 is provided on at least one of inner walls 50 of the base end parts 51 of the arm parts 31 which are opposed to each other. Each of the heating plates is formed to have a rhomboid sectional shape, a predetermined thickness, two parallel side surfaces each inclined at a predetermined angle, and a joint prominence corresponding to a joint depression in a body portion.

1459827721-60b6e6be-13a9-407b-b88c-33cc3248c91c

A submersible LED illumination system may include an array of LEDs, with a first portion of the LEDs capable of emitting white light and a second portion of the LEDs capable of emitting light of a single color. The internal diameter and length of each tube control the gas flow rate to the respective port. A layer of metal is added to the wafer. This object is achieved in that the piston includes at least

one portion with a fold shaping, where the thickness of the piston wall or of the bottom is increased compared to the thickness of the remaining piston wall or of the bottom and corresponds to several times the wall thickness of the metal blank. The platform retention assembly also includes firm features that contact firm mating features on the binding support platform to prevent translation of the binding support platform relative to the platform retention assembly in the plane of the snowboard. The apparatus includes: a tubing string; a contacting structure at the upper end of the tubing string for engaging a stop structure in the well casing such that the tubing string is held in suspension; an exterior sealing element for sealing against the casing wall; and an internal check valve.

1459827721-c6b08d07-f196-4c0e-917b-02a7161240bb

Various technologies and techniques are disclosed for generating project milestones. One of the locking means is hook profiles with a receiving hook and a locking hook. The first terminal electrode is disposed across the first omitted peripheral surface, a part of the bottom surface in a region connecting the entire first omitted side to the entire third omitted side, and the third omitted peripheral surface. The first ESD protection unit is disposed in the LCD panel and is coupled between the first end of the lighting module and the ground of the flexible printed circuit board. Variable pitch pulley adjust a serpentine belt which adjust the rotation of the planetary gears to adjust the output shaft. A body attaches to the skate board and an axle extends rotatably through the body and terminates in a pair of wheels, respectively.

1459827722-13ffa626-ebfa-433d-a3da-c97d12cb4190

Disclosed are techniques and systems to provide a narration of a text in multiple different voices. The system stores changes in mobile service providers and an address of a Network Provider Database in the service network which is presently providing the mobile subscriber with mobile service. A provisioned application is associated with the personalized secure element in the mobile device and works with a set of keys that are generated in accordance with a set of keys from the personalized secure element. A passive technique for interferometer drift compensation using non-sensing FBGs is included in the system. The device can be stretched into a double wire or single wire configuration for easy deployment into the vasculature.

1459827722-2798f475-2287-45c6-95d6-0f90d1e75e03

The present subject matter includes a hearing assistance device connection system for a user having an ear canal comprising a housing, electronics disposed in the housing, a cable electrically connected to the receiver and at least one conductive silicone component to electrically connect the electronics to the receiver. Relatively high light transmissivity of greater than about 72% and satisfactory color characteristics are achieved. Meanwhile, the compression strip is downwardly swiveled to move the piston in the same direction responsive to the removal of the coupling element from the blocking position of the coupling element when the push knob is shifted against the resilience of the spring.

1459827722-28b9197b-3b73-4962-ab63-cdb0959d2395

Embodiments in accordance with the present invention are directed to poly compositions that are useful for forming temporary bonding layers that serve to releasably join a first substrate to a second substrate as well as methods of both forming such a temporary bond and methods of debonding such substrates. The system includes a tag cache in communication with one or more cache devices in a storage hierarchy. The list can be based upon the recency and frequency with which a user accesses items associated with the links. A pocket implant or CMOS standard LV N-LDD is formed under the second transistor to enhance CHE programming. The humidity devices, the standard capacitance device and the CV converter circuit are disposed on one side of the substrate. The system and method conduct read and write operations to the SRAM unit by avoiding simultaneously reading and writing to the



same memory address.

1459827722-2aa2cb4d-28e1-49fc-92cc-701fed16880c

A hybrid aircraft having a fuselage extending longitudinally along an anteroposterior plane of symmetry from the rear of the aircraft towards the front of the aircraft. The relative angle of the putter face with respect to the linear marking is adjustable in order to compensate for inherent inaccuracies in a player's visual judgement when putting. Embodiments herein greatly decrease the amount of data that must be transmitted and stored for faster checkpointing and increased efficiency of the computer system. The method includes forming a masking layer over the dummy gates. This diagnosis mechanism may improve the reliability of the host controller operation. As this is done, the first ramp portion is depressed by the web of the tubing so as to permit the tubing to pass thereover until insertion is arrested by the end of the tubing coming up against the stop surface of the second ramp member, at approximately the mid-point of the connector body.

1459827722-437f5f66-cef0-484b-a559-badb13ac6c21

A glasses type display that is connected to an information communication terminal via a wire line or a wireless line, in which the operation by the user is made simple by preventing error operation and the power consumption is decreased by not consuming the unnecessary power, is provided. A second substrate is exposed during the period of time while the first substrate is being repositioned by altering the optical path to divert the light from the light source into a secondary optical path that will expose a region on the second substrate. The methods may also include patterning the first and second barrier layers and the quantum well layer to form a first quantum well channel structure in the first region and patterning the first barrier layer and the quantum well layer to form a second quantum well channel structure in a second region. A magnetic separator is arranged above the gap in the upper trough so as to pick up free metal.

1459827722-59670447-b378-4a7e-aa96-16f2d81cbea0

A process and a device for electromagnetic guidance of a craft, applied in particular to the tracking of targets. The polymer may be used, for example, within a sub-200 nm photoresist composition. The colorant is then absorbed into the substrate to create a translucent image on the substrate. Hydrocarbon vapors present in the air induction system after engine shut-down are substantially retained in the adsorbent member until air flows through the air induction system after the engine starts. A power switching arrangement including at least one power switch is connected to the power cell input and a DC bus, and a switch controller is connected to the power switching arrangement and the power cell input.

1459827722-f875d633-2925-4980-994b-acd929e68709

A lifting cap for attachment to a handle of a laryngoscope for facilitating oral endotracheal intubation. A cable rack is coupled to the chassis and backplane. The detection unit detects an amount of change in a vertical period of an input video signal by comparing current and previous vertical periods of the input video signal.

1459827723-02502efe-c9db-4a69-b305-0795a0944a36

A catheter-based annuloplasty system for use in repairing a heart valve having leaflets and a valve annulus, includes a delivery catheter having a proximal end and a distal end, and an expandable stent disposed on the distal end of the catheter. The independently-recorded location data is sequentially associated with the image recordings and can be used subsequently to retrieve corresponding photos from a photo archive. A holder 14 is formed with a tapered surface 14a to assist in allowing an elastic deformation of a reaction disc 15. Thus the person who takes blood pressure measurement can always get the most accurate measurement. The invention also relates to methods for producing other soybean cultivars, lines, or plant parts derived from soybean cultivar 12133031, and to the soybean plants,

varieties, and their parts derived from use of those methods.

1459827723-8dba0a43-4e8b-4742-b178-bd5399c16018

A distributed computing system can be operated in a fault tolerant manner using a collection of auxiliary computing devices and more main computing devices than the number of faults the system can tolerate. An operating temperature of the crystal oscillator is measured. The messaging system may be a texting service like Twitter\u2122 that captures the messages and then re-broadcasts the messages, e. The method also includes extracting a third set of raw data from the legacy system relating to telecommunications wavelength division multiplexing data via a third routine of the network planning application.

1459827723-d8f2cfea-0624-403d-8b64-9f923783b814

A method for damping torsional vibrations in a rotating shaft. The reception unit receives a broadcast signal, out of a plurality of broadcast signals that can be specified by conditions made up of broadcast frequencies and other items such as reception areas. An instruction is retrieved from the database based on the page number, and the request is completed based on performing the retrieved instruction.

1459827723-f7ce4847-0cc2-4314-8b33-4c79c12b7a28

A film adhering mechanism includes a base, a film adsorbing platform, at least two flexible members, a vacuum generator; and an electromagnetic valve. The method includes strengthening the valve or valve housing using various methods. The device is advanced through tissue to cut a strip of tissue of approximate width W. The ratios are compared to a validating threshold and if the particular ratio is within a selected range, a moving average is calculated with inclusion of the present R\u2014interval. The energy-band modifying layer may include at least one non-semiconductor monolayer constrained within a crystal lattice of adjacent base semiconductor portions so that the superlattice channel may have a higher charge carrier mobility in the parallel direction than would otherwise occur.

1459827724-1e0e99bc-3e07-4368-bf79-0f84ad226a51

A system and method for providing a graphical document are provided. This enclosure has a cinchable opening for ease of attachment and removal and for tightly fitting about a propeller. In response the roll can be pull and cut by the blade. Crosslinked polymer carrier fluids are identified that are not damaged by contaminants present in the fibers or by degradation products released by premature degradation of the fibers. A single multiplexer is used to select which signal is processed by the Analog to Digital Converter. For instance in techniques based on fluorescent resonant energy transfer, the drive current to two or more different LED sources may be frequency modulated, or pulse width modulated, according to different modulation regimes.

1459827724-6e41aa16-3d7c-4d4f-b775-39b06cdbc7ba

An operating device for operating at least one vehicle electronic device includes an image display device connected to the vehicle electronic device, a controller including an input device for operating the electronic device, and a sensor for detecting one of a touch and an approach of a user at the input device. Certain aspects of the invention provide alternative probes, probe cards, and methods of testing microelectronic components. Image recordable materials can include, for example, printing plates. The buffer contents define a window within an accessed display screen.

1459827724-b21fd093-56cd-4d55-8568-1c64d283f59d

The present invention relates to a process for preparing a polymer composition by using a masterbatch, as well as a process, wherein said polymer composition is used for preparing an article, preferably a cable. With this circuit, a clocking circuit providing a first clock signal at a first clock frequency is coupled to a counter. A first stimulation operation is performed in the stage that is associated with the

first plug; and a first agent is communicated into the well to react with the first material to remove the first plug.

1459827724-bcd3b3bc-0a79-40c7-abde-a20f7a508684

A yarn lifting element, which is provided on a positive thread regulating wheel, comprises straight yarn-bearing surfaces whose position cannot be displaced by the yarn, enabling the yarn to slip in relation to the thread feeding wheel when required. The electromotive drive device is provided with a bidirectional converter which decelerates the motor-generator to an idle revolution speed when X seconds have elapsed in a state in which the plurality of directional control valves are all not operated. A comparison circuit compares the location with a predetermined handoff area within the region and provides a control signal in response thereto. The first skin layer can be contacted with a water-based adhesive to affix the label onto a particular product or product container. After partial drying of the pretreated anodized aluminum plate, CTP liquid is deposited onto the surface to form an image. An apparatus for packaging a beverage in a spheroidal container and the method for using the same, comprising the apparatus for orienting a spherical container and further comprising a filler for receiving the spheroidal containers and filling the spheroidal containers with the beverage, and a sealer for sealing the beverage in the spheroidal containers.

1459827727-2fd72a96-1e16-49c0-8467-4eb292949f6a

The disclosed vehicle, control method, and program lead to improved fuel consumption, durability, and stability. A second speech index is also generated using a more accurate, but slower, automatic voice recognition engine such as a large vocabulary speech recognition engine. Furthermore, the illustrative embodiment avoids the possibility of bent connector pins, which would make mating between the electrical connectors. In one embodiment, the TPUs of this invention are the reaction product a hydroxyl terminated intermediate, a polyisocyanate, a saturated glycol chain extender, and a glycol chain extender containing carbon-carbon double bonds, such as the allyl moieties present in trimethylolpropane monoallyl ether. The blade includes a flexible guide portion which protrudes further in a forward direction of the blade than the cutting portion. In one embodiment, the apparatus includes a sensor configured to provide data concerning one or more flight characteristics of the arrow in flight and a communication link coupled to the sensor, the communication link configured to communicate the data to a device external to the arrow.

1459827728-2b14a106-0863-4107-b81a-5c1734abc2c1

An implantable system senses a pulmonary artery pressure signal using an implantable sensor placed in the pulmonary artery and isolates a plurality of signals from the PAP signal for diagnostic and/or therapeutic use. If the temperature difference between the engine coolant temperature  $thw_1$  and a heater inlet coolant temperature  $thw_2$  occurring after the changeover valve opens is less than or equal to a predetermined value, the apparatus determines that the engine coolant temperature sensor is normal. The first side surface of the light guide plate has, in a portion thereof near the hole, a prism having a saw-toothed shape in a cross-section thereof parallel to a front surface of the light guide plate. A support portion extends upwardly from the upper surface of the lower plate thereby allowing liquids to be removed from the inner portion of the suction cup of the plunger.

1459827728-73d3c6a0-a40c-4ff1-92d4-987e9699df27

Classifying electronic mail based on content and predefined categories. 1 wt % aqueous solution of the surfactant at 25°C. Relationships among the identifiers imply related keywords that can be used to improve search, navigation, and integration. The method of the present invention also verifies that neighborhood contain the same focal points.

1459827728-7bf1a1b4-45a4-411e-ad0b-a7386700d966

Systems and methods providing resampling of a sampled data transmitted through a communication channel. A tether affixed to the receiver and anchored to the housing functions in this manner, and also improves the stability of the receiver inside the housing. A first biasing member has a predetermined spring constant and biases the member to be driven via the arm member. Hydrogen is produced in a catalytic steam hydrocarbon reformer. An adjusted value of the parameter for each tile is determined taking limits into account, iterating until variation is below a threshold value.

1459827728-88871490-9475-4ad9-9e89-4c6a705f1a64

This invention provides methods for attaching a nucleic acid to a solid surface and for sequencing nucleic acid by detecting the identity of each nucleotide analogue after the nucleotide analogue is incorporated into a growing strand of DNA in a polymerase reaction. The dies grip and confine the needle in the area of the suture receptacle. The theater seat assembly may also include a molded cover attached to at least one of the seat frame and the back frame and being injection molded from a fiberglass reinforced co-polymer. In some embodiments, slits are formed in the textile.

1459827728-e7c2be30-032d-4e3a-96bc-dcce1dad3619

The present invention provides a pressure bulkhead for subdivision of an aircraft or spacecraft into an internal and an external pressure region. Noise filtering of the standard correction term  $\frac{1}{F}$  is implemented and subsequently the noise-filtered standard correction term  $F$  is added to the logarithmized measured total projection data  $ps$ . A rotational switching mechanism is configured to switch between an activated state and a deactivated state. The ECU limits a maximum speed of the vehicle when it operates in the reverse direction. When a CPU becomes available, the dispatcher gives at least some relative priority to a thread having a preferred CPU in the same node as the available CPU over a thread having a preferred CPU in a different node.

1459827729-07d2c6bf-b671-4f5e-b169-e8ee838a8b4c

A method for creating an electroconductive joint in connection with conductor rails made of copper or copper alloy, in which method in between the conductor rail elements to be joined, there is applied soldering/brazing agent, whereafter at least the junction area is heated, so that a joint is created. The apparatus further includes a first control system which includes the first element and feedback-controls a position of the first element, and a second control system which includes the second element and feedback-controls a position of the second element. A conductor is received in, and extends along, a lumen. The second passivation layer having an aperture is formed on the first passivation layer, and the aperture relatively to a pre-designed line exposes the surface of the conductor.

1459827729-13e4179b-eb2d-41ca-b571-fd2b093fb3fc

A fuel injector has a chamber between a valve body and a plate in which a plurality of through holes are formed. A color shifting optical coating is formed on the substrate such as on the opposing second surface, with the optical coating providing an observable color shift as the angle of incident light or viewing angle changes. The cold cathode device and the collector are positioned symmetrically relative to the anode. The system provides the plurality of isolation stages to be automatically compressed between impactor stages to isolate each impactor stage from at least one adjacent impactor stage. When a second travel amount is less than the first travel amount, the operation display section informs that the number of the document sheets in the document sheaf exceeds a maximum sheet number. The azimuth spacings, lengths, and surface densities of the conducting elements can be functions of meridian angle.

1459827729-dc3e714e-26da-4fb4-bce8-40daa1a1d371

The invention relates to a floor cleaning appliance comprising a housing, on the underside of which is arranged at least one drivable cleaning tool for removing dirt from a surface to be cleaned, and further comprising a suction unit for vacuuming-off the dirt and a dirt container for receiving the vacuumed-off dirt. The doorbell transmitter has its RF source and antenna enclosed within a metal case which is designed so that the effective operating range of the transmission of the RF signals is not reduced to unacceptable levels and whose finish, such as polished brass, presents an attractive appearance which can be made to match the decorative trim at the entranceway to a building, such as a residence. The imaging polymer is preferably a cyclic olefin polymer. The peak cancellation signal thus generated is scaled by a scaling factor and added to the received signal to reduce the PAR of the received signal. The high density plasma source can also be used to extract an electron beam that can be used as a plasma cathode neutralizer for ion source beam neutralization applications.

1459827729-fa9754b7-312f-4f05-8dd9-aad169c2b6d2

This invention provides a semiconductor memory device and its data writing method capable of saving the needed time to a minimum even in repeating a data write operation maximum number of times. The external force applicator is adapted for engaging the specimen for test purposes. The catalytic converter is laid out for complete conversion if the reagent is introduced stoichiometrically.

1459827730-3d6e94be-ba6a-415f-afa6-8743d6d0c08f

An oscillator of frequency switching type according to the present invention is adapted to select and output any of a plurality of high frequencies. A light path through the cassette is aligned with a light exit opening of the luminaire. The server receives the transmitted current data and, based on the received current, assesses whether a failure has occurred in a first component of the plurality of components of the HVAC system and assesses whether a failure has occurred in a second component of the plurality of components of the HVAC system.

1459827730-685fe1fc-c468-4db5-a084-bd3914b0e161

This invention generally covers a ringed-mesh intravaginal device and applicator therefore wherein the ringed-mesh comprises a composite ring comprising a flexible matrix containing one or more bioactive agent or agents and needed excipients or modulators, and the said matrix is reinforced with a fibrous construct to provided needed initial and in-use biomechanical stability. One method may include receiving a plurality of wireless signals via a plurality of frequency channels, storing representations of the plurality of wireless signals in a signal buffer, and receiving a trigger request for a signal of interest. In an embodiment, the first brake is a power-off brake that is active when power is removed from the brake.

1459827730-6c3d59fe-aa06-4309-bbfc-57c5a44c426e

A method for repairing a neighborhood of rows in a memory array using a patch table is disclosed. The method can be executed by first selecting a target track and then recording a test signal along the target track. In this way, the capacitance and the resistance will have a closer contact point to the electrical component. These are compared with the host identity and access session time in an access session record, if they match, then the private user identity in the access session record is returned, and it is stored as the private user identity in the application session record. The adjustability of the vertical support assembly further provides for greater positioning thereby increasing the general comfort of the patient while providing for the patient's medical needs.

1459827731-307d4ffd-e337-46c6-86b5-1f38816f963c

A seal for a container opening includes a backing layer and a seal layer for connecting to and covering an opening of the container. The method includes associating a relevance weight on a per user basis with content items to indicate a relative measure of likelihood that the user desires the content item. The flexible

seal engages the dispenser body assembly and includes a downstream end. In the connecting section 40 there is provided a protruding protrusion section 48, and the protrusion section 48 interferes with an interference section 53 on the connecting section 41 side when the stator core 30 is forced towards the direction in which the stator core is split. The calculated significance factor may then be used to lengthen or shorten the temporal duration of the phoneme in the audio signal according to its significance in the spoken word. The circuit comprises a thermistor to sense temperature around the light when the light is on, an electronic switch controlled by the thermistor, and a relay controlled by the electronic switch to turn off the light when the electronic switch is turned on.

1459827731-458442bd-554a-49df-99bc-b358182ddf10

A ball cock assembly includes a water supply riser with a valve for controlling water flow into a toilet tank. The feeding strip is connected integrally to the ground plane. Additionally, warming the air forces the diameter of the aerosol particles to be in the range required for systemic drug delivery independent of ambient conditions. The polarized frequency modulated optical signals are coupled to an optical receiver which converts the polarized frequency modulated optical signals to an electrical signal. For example, the active ingredient can be triethylene glycol.

1459827731-b7080b56-b77d-4e9f-a527-02c05c3193f9

A frequency controlled oscillator is manufactured using an array of mechanically interconnected oscillator bases having component cavities and wiring patterns therein. and which has a shroud with a diameter less than 2 ft. The container also includes a pierceable wall located on an opposite side of the passageway relative to the storage chamber, and a first connecting portion for connecting another component thereto. Accordingly, the portion in which the metallic film is surrounded by the transparent conductive film, the insulating base film, and the protecting film to which it is in contact with, can be avoided from exposure to air because the side surface of the metallic film of the connecting wiring is covered with the protecting film.

1459827731-b9b106ff-62d2-4df7-8c88-0d88c2582609

A method is disclosed for operating a well logging tool having a controllable radiation source operatively coupled to a power source. The signal accessory comprises a signal accessory mounting having a bottom mount and a top mount coupled to the bottom mount with the top mount configured to receive a switch and engage the breaker cover in an accessory socket. Then a flip-flop retrieves the request from the command decoder at the clock timing from the clock phase adjusting unit to supply it to the memory cell array.

1459827732-3443fc6b-4d72-48d7-b6de-664b3a558b7b

An electric grill comprised of a primary cooking unit that includes a ribbed grilling surface adjacent to a planar cooking surface with a containment wall around the unit and an adjustable food divider that is used to keep unwanted liquids such as fat and water separate from other foods. The optical emissions are processed by an optical spectrometer to obtain a spectrum. The control windings are configured in such a way that a biasing magnetic flux arising from a control current flowing through one of the plurality of control windings is substantially equal to the biasing magnetic flux flowing into a second of the plurality of control windings. Therapeutic outcomes are improved when the copper-pigment complex is enclosed within submicron liposomes.

1459827732-c03d41d8-1c8b-420d-9e87-776140bf053e

A device for manipulating intrathoracic pressures comprises a compressible bag structure, and an interface member coupled to the bag structure. When a switch is activated for raising or lowering the lifting device, a corresponding signal is transmitted wirelessly to the lifting columns and additional signals, which are

representative of the individual lifting movements, are transmitted to a control device. The noise-filtered condition indicator values may be used in algorithms to determine the health of the component.

1459827732-dcd57ab2-89e5-4013-9475-a320f0d1bddf

An apparatus and method for wrapping a napkin around one or more utensils. The gearing member is connected to a hand crank and transmits a rotation of the crank to the sharpening member. Each switch also has two differential outputs, each driven by an equalizing mux.

1459827732-ed1122ca-c13a-41f4-a89c-01538ad554fc

The present invention relates to the use of the S1P receptor modulator 2-amino-2-ethylpropane-1,3-diol, administered at a daily dosage of 0. Portions of the polycrystalline silicon layer exposed in the plurality of openings can be oxidized to form a plurality of poly-oxide regions, and the first mask layer can then be removed. Tubular gaskets run between the top and front covers and the body, thereby providing a watertight seal. The support structure also includes a primary support member including the primary support connector and a hook member. Further, information from malicious nodes is identified and can be disregarded by maintaining information about prior communications that will require a future response.

1459827733-1e401f07-e904-42e8-8fb7-47c47dfc7616

The present invention is directed to a rubber composition comprising a diene elastomer, a reinforcing white filler, and a coupling agent, which is bifunctional and which can be bonded to the elastomer by means of a function X. The storage unit records logical volume information associated with an identifier of a logical volume, an updated time of the logical volume, information indicating whether the logical volume is allocated to a cache, an identifier of a physical volume storing data of the logical volume, and information indicating whether the physical volume are mounted in a physical tape drive. Thereafter, an acid etch operation may be performed to remove a residue, such as tungsten, collected on the semiconductor wafer as a result of the chemical mechanical polishing operation. In addition, SCF fibers can be useful for the delivery of bioactive agents in association with the fibers. The plenum may be formed when the fuel reservoir and the first fuel cell portion are coupled or by one or more flexible fuel cell walls.

1459827733-3bc94bfe-e571-41f8-b688-e568a4d2a22a

Electronic spirit level for measurement of inclination from 0 to 360 degrees. Received signal data are transformed into second signal data within a Stockwell domain based upon a sparse approximation of a S-transform of the signal data. The greatest last acted-upon time includes disks that have no prior last acted-upon time.

1459827734-1c40025c-7520-42dc-a464-c593358cd4cf

A diving helmet bubble diverter comprises a front skirt portion and a rear skirt portion attached to the front skirt portion at one end. After the gradation exposure, development processing is performed on the insulating layer such that a recess is formed in a portion of the insulating layer that has been irradiated with the exposure light through the partial light-transmitting region. If the lamp does not restart after multiple restart attempts and cool-off periods, the system determines that a fault condition exists, and may provide a fault alert. A mounting wire extends through the body and is connected to the trigger. A telephonic signal is received at the second network location via the communications channel. At least one coupling toothing is associated with the coupling element which can rotate about a rotational axis with respect to the shaft and a counter toothing corresponding to the coupling toothing is associated with the sliding sleeve in a rotationally fixed manner.

1459827734-3f24ae68-dfc8-4370-9530-f932bf33a6f0

An oscillation limiting mechanism is integrally provided to an engine mount of a power plant mounted on an automobile in a traverse mount fashion. The gripper end has a grip region dimensioned to substantially accept a user's grip. The insulator includes a polymer or an insulating oxide compound. It can also provide access to information stored in the database and/or provide upload of stored information to a remote system for remote access to such information. The algorithm then maps the octet type bits for the eight mapped information bytes of the character sequence to the ninth octet of the contiguous SPE octets of the SPE octet sequence. The ranking module ranks the first set of two or more electronically noted items to generate a second set of two or more electronically noted items.

1459827734-65a16c4d-e5e0-480b-b2a1-64088baad9f5

A method including causing, at least in part, display of selectable objects on a graphical user interface, where each of the selectable objects corresponds to data or an application accessible via the graphical user interface. 5-D graphics planes to be exposed to high level processes executing in a computing environment in a fully portable manner. The one or more real-time voice content-to-text content transcriptions may correspond to voice content of a second collaboration session participant in one or more collaboration sessions including the first collaboration session participant and the second collaboration session participant. Curve data defining a desired curve in the independent reference system, corresponding to the preset shape, is determined at least partially on the basis of the position of the at least one identifiable point of the preset geometrical shape in the independent reference system.

1459827735-12ea786e-5394-41fd-ae52-eb5492bf687a

An electrically conductive fabric plated with a metal is disclosed wherein a percent fabric surface occupancy of warp as a constituent of the fabric is 90% to 110% and that of weft is 40% to 80%. The PWM drive signal has a plurality of \u201con\u201d portions and a plurality of \u201coff\u201d portions that define a first duty cycle for regulating, at least in part, a flow rate of a pump assembly. An inner barrier of a hydrophobic material is arranged around at least one electrode, whereby said inner barrier prevents an electrolyte path from one cell to another cell, and a frame is present to provide predetermined cell spacing between each biplate and/or biplate and end terminal. The polyline is separated from an ideal function curve for transforming the image by an error value that is within a pre-determined threshold. Varying the current to the coil alters the magnetic field upon the magnetorheological fluid, which can be used to tune the yield stress of the sliding engagement.

1459827735-33f27ec6-843c-428f-a7a9-5d4a31bab72d

Provided is a liquid crystal device and method thereof. The film thickness of a layer constituting the external terminal is designed so that when the thermal expansion coefficient of the ceramic constituting the member is  $\alpha_1$ , combined expansion coefficient  $\alpha_k$  of the member and the external terminal satisfies a relation of 1. The receiving computer periodically receives information allowing it to decrypt received documents and to encrypt billing information for the receiving computer.

1459827735-3878cf2d-b858-4ae9-b91f-d765475956a9

The present invention relates to the use of the distronium salt of 2-N,N-diamino-3-cyano-4-carboxymethyl-thiophene-5-carboxylic acid in obtaining medicaments intended for the treatment of gastro-duodenal pain. A first hinge portion is integrated with the frame member and that has a first profile in a plane that is parallel to a plane defined by the front fork member. The contraction means, when activated, is operable on the support body to cause the support body to be contracted to a radially contracted condition. In another example, a lift-off process is shown.



1459827735-8c00344d-c91c-4d93-93c0-a66ad23fedcf

A method and circuitry for adjusting the delay of a variable delay line in a delay locked loop or other delay element or subcircuit on an integrated circuit is disclosed. The compensation circuit includes a signal generator, a first code generator, a second code generator, and a mapping module. to transfer the SOI wafer to an atmosphere containing hydrogen or water. A name tag identifying the type of wine being dispensed may be placed into a nameplate slot centered on the upper front panel. The architecture is also expandable to support non-linear predistortion.

1459827735-ced980c6-b573-4722-b9a1-17717b6b87b6

A method for creating an install program involves selecting a plurality of icons, defining the install program by placing and arranging the plurality of icons onto a workspace to obtain a defined install program, and building the install program based on the defined install program. A first process may create a first thread. The substrate is extruded in an extruder. The wireless station computes an error between the clocks, and extrapolates the error for a sleep interval to compute a wake-up time instant. Squarylium compounds represented by the following formula : . The plurality of components flow down the steps as they move along the tray.

1459827736-470f9285-6c0d-411c-84f4-444e43f72508

A multi-hop relaying method and apparatus used in a cellular network. The invention also relates to processes for production of the conjugates and to intermediate compounds that may be used in production of a specific class of cell targeting conjugates. Hardware samples are used to identify SRs that contain the hot code of a client process without requiring any static program information. Thus, bias is used to influence the positioning of connectors on additional wires in the full circuit. The algorithm can be incorporated into an imaging device, such as computer graphic programs or cameras, to solve problems of defect detection, say in gems, or object detection. The memory cell array responsively loads the output of the program voltage generator circuit an amount that varies in correlation with data applied to the memory cell array.

1459827736-7e03e6f2-e3a0-4634-a05d-acd5dfe5d51f

A Pre-Aligned Metrology System comprising a number of Pre-Aligned Metrology Assemblies and Pre-Aligned Metrology Modules for measuring a target on a wafer. An entity on the client that communicates with the host is identified. According to such a constitution, the signal light power per one wavelength included in the output light of each of the optical amplifying devices can be kept constant, irrespectively of the number of wavelengths.

1459827736-81033108-34da-4030-ac47-59396268f669

A new and distinct cultivar of Hypericum plant named \u2018Seigre\u2019, characterized by its yellow-colored flowers, large, yellow green-colored fruit, dark green-colored foliage, and vigorous, upright growth habit. A first port coupled to the packet processing pipeline is configured to receive a packet that does not comply with the recognized communication protocol and has a header that conforms to a second communication protocol. Flocked sheets are attached to the surfaces of the respective PET sheets opposite the electrically-conductive roller, and contact the electrically-conductive roller. The border on the frame of each unit is protected by a guard that pinches the foot of an elephant attempting to cross over on the butted edges where two units meet. This process may be repeated for different sizes of the at least one sleep transistor to determine an optimum size of the at least one sleep transistor to optimize at least one parameter of the logic circuit.

1459827736-893b581e-7aba-4c94-88dc-f54dfa4031b6

Nucleotide sequences for seven genes, tccC4, tcdA3, tcdA2, tcdB2, tccC3, tcdA4,

tccC5, from the tcd genomic region of *Photorhabdus luminescens* W-14, are useful in heterologous expression of orally active insect toxins. A media gateway converts between a pulse code modulation format used in a circuit-switched telephone network and a real-time packet media format used by the distributed service node. When the air-fuel ratio of the exhaust gas which flows into the exhaust purification catalyst should be made rich, if the speed of the vehicle is lower than a predetermined speed and the gear position of the transmission is at a predetermined low speed gear position, exhaust rich control is used instead of cylinder rich control. The chamber is useful for allowing wet samples including living cells to be viewed under an electron microscope.

1459827737-9a57fa9d-4ba0-43da-b95e-333d9aed351d

Slot machines utilize one or more pay lines on which a combination of symbols are lined up to determine whether a particular pay line wagered is a winner according to a pay table that shows winning combinations with associated pays. Whether or not each register line has defect is examined by detecting an output of a last register of each register line, then the register line having defect is detected by the examination, a normal register line is selected by a shift register selecting switch, and the serial-connected registers of the selected register line are used in the shift register circuit. To seal the package, the peripheral area of the two cardboard sheets is subject to sufficient pressure to crush the corrugations inside the cardboard sheets and flatten them in that area. The distal region terminates at a free end. A route is calculated using the normalized value. The system makes use of an engineering model views module that provides a syntactic and semantic interface between the client tools and the central database so that health management data communicated to the client tools is presented in accordance with a specific view required by each specific client tool.

1459827737-c2060b26-0b25-42b5-96b6-dc6131ede8fb

An architecture for measurement of per-hop, one-way delay includes a input observation circuit at the input interface of a node and a output observation circuit at the output interface of a node. Non-biodegradable solids are first removed from the sewage for separate disposal. Further, the interlayer insulation layer ILI is coated with a resin material having fluidity, and flatness is improved as a whole.

1459827737-e23a28e3-8869-40bc-8d6c-c5f9d17ad691

Chelating agents of the general structure: . Explosive charge weights can be modified to meet the users needs without introducing inert materials or other more labor intensive alternative. The downlink timing information represents timing information for communication between the central node and the secondary node, and the uplink timing information represents timing information for communication from the secondary node to the central node. The tongue length error is compared to the estimated tongue length to become a corrected estimated tongue length for a next computation period.

1459827737-f69ee9f6-946c-48ff-8fb6-282adc026117

A high security adjustable keyless locking contrivance for preventing the forced opening of a hinged door of unoccupied homes or buildings. The controller performs the beam-to-beam spacing error correction analysis, determining whether or not a correction is necessary, and if so, which optical element to adjust and the magnitude of adjustment. The teeth of the link plates function as a silent chain. The MOS is comprised of a gate, channel, source, drain and offset drain. The gamma voltage controller corrects luminance in high and low gradations according to a color mode of a display panel, and generates a plurality of gradation voltages through inflection point adjustment, thus minimizing gradation mismatch between color modes.

1459827738-19926cb5-9732-4544-9ac1-b98620362f8d

Methods and systems optimize travel costs both on and off a sequence of one or more networks used to represent travel, communication, or transport of anything within a spatial medium. In one embodiment, images of a sample are recorded before and after the application of a staining reagent and a decolorization reagent. A system and method in another embodiment includes a first bar code reading device configured to initiate a command to print a bar code symbol which when read by a second bar code reading device can cause the second bar code reading device to operate in the manner of the first bar code reading device. In some embodiments, the first and second transparent polymer layers are transparent, radiation-cured polymer layers. Other moveable restraints may be lateral restraints which move forwardly from the backrest of the seat to be located to either side of the torso of a child occupying the child squab and head restraints which may move forwardly from the head rest.

1459827738-2f3ab3d2-f930-488f-8009-8d3c41960cb3

Aspects include a mechanism of entitling users to transacted-for digital content access, indicating download authorization with discrete authentication URLs, and validating download attempts using each such URL. A support element with a tine contacting surface protruding vertically down from the lower ground facing surface of the support deck partially into the pallet cavity but not below the ground contacting legs may be present in some embodiments. The intermediate portion includes an arcuate outer surface section that has teeth to be releasably engaged with the retaining mechanism, allowing the head to be pivotally moved to a desired position relative to the handle and retaining the head in the desired position. An observation data input unit inputs new observation data, and an analyzing monitor unit controls the data processing unit to generate modified analyzing data by using the new observation data, the observation data and the geographic information, and readjusts the analyzed result based on the modified analyzing data. By allowing the tool lifting device to double as a drive device for causing the forcing member to move relatively towards and away from the knife member, the necessity of the actuator of the ACF tape cutting device which is needed in the related art tape adhering device can be obviated. Also disclosed is a method for self-construction of a cluster tree structure-based wireless sensor network.

1459827738-f1db49df-f6cf-4db2-8b21-192d6690119a

The present invention relates to compounds of formula, a process for the manufacture thereof, their use for the preparation of medicaments for treating CNS disorders and pharmaceutical compositions containing them. The stopper member is made of an elastic member which is elastically deformed only in the radial direction and is hardly deformed in the axial direction. The perforations have diameters between 10  $\mu\text{m}$  and 25  $\mu\text{m}$ .

1459827739-7de8ebd0-1c0b-4c26-aaaf-1a19cf5a93c0

A source driving circuit includes an output buffer circuit to compensate for slew rate of signals used to drive a display device. A mail flow pattern is extracted from a mail transmission audit data storage unit, and a flow definition comparison part compares the mail flow pattern with the flow definitions stored in a workflow definition storage unit. It has groups of probe needles provided to contact semiconductor integrated circuits arranged in two columns and at least two rows. Further, windowed averaging can be performed prior to generation of the composite image so that the composite image incorporates weights given to image data in focus.

1459827739-a8f4dcfe-4337-4865-9399-272597c090f9

An electronic pressure sensing device includes a pressure sensing transmitter module including at least one pressure sensor having a pair of opposed sensing elements, and a pair of inlet port on the module to supply fluid under pressure to the sensing elements. The futures contract segment of the exchange device is the duty to purchase the underlying options contract at a specific time. Cushioning is on one side of the base frame. The method then includes retrieving index entries to

determine relationships between search result entities and providing the relationships in search results. According to the invention the number of copies of data packet transmitted simultaneously by a user within one frame is varied. The solid golf ball of the present invention comprises a core containing at least one layer which is molded by vulcanizing the rubber composition including: a base rubber, a co-crosslinking agent, an organic peroxide, and a polysulfide compound represented by the formula: wherein at least one of R1 to R5 and at least one of R6 to R10 are each Br, and n is an integer not less than 2.

1459827739-bc4a044c-c196-479d-aaa8-836d10e4a38c

Provided is a method for manufacturing a sulfide-based solid electrolyte including preparing a precursor comprising lithium sulfide, germanium sulfide, aluminum sulfide, phosphorus sulfide, and sulfur, conducting a mixing process of the precursor to prepare a mixture, and crystallizing the mixture to form a compound represented by Li<sub>9</sub>. A query is received and may be modified before being compared to queries in a query log of previously-issued queries. The bore has a first portion of a first diameter and a second portion of a second diameter larger than the first diameter. The PHG has a transceiver for wirelessly receiving the data packets transmitted by the PHAST and for transmitting the data packets addressed to the client device in accordance with the packet hopping protocol, and a network interface for establishing communication with a server. 899 gcm<sup>3</sup>, the relationship between a vinyl group amount and MI<sub>2</sub> of the polymer satisfies the following expression: \u22660.

1459827739-f2fc61fb-5e4a-48cb-b2f2-bda6fcda9279

A force measuring device and method for determining a force required to move a cart. The airbag system includes a crash sensor system that detects a crash involving the vehicle, a driver side airbag module mounted to a steering wheel and including a driver side airbag that inflates to protect the driver and a gas generator that generates inflation medium to inflate the driver side airbag. The discriminant function may be evaluated using the preconditioned conjugate gradient process.

1459827740-1891126d-d69e-47a9-be31-7033745b67d1

A system and method for automatically adjusting floor controls based on conversational characteristics is provided. An enzyme-stabilized formulation is disclosed comprising an alpha-hydroxy-mono-carboxylic acid or the salt of an alpha-hydroxy-mono-carboxylic acid, a boron containing compound capable complexing with an alpha-hydroxy-mono-carboxylic acid, the complex formed by the boron compound and the an alpha-hydroxy-mono-carboxylic acid, and an enzyme. , when two such content portions are to be presented concurrently at the network node, at least one is delayed until the other such portion can be presented concurrently therewith. This enables the retransmitting node to start retransmitting a message received from the preceding node to the following node before completing receiving the message.

1459827740-1e358459-90f1-4fbd-ade5-1eba6a904456

A system and method of producing an integrated circuit using abutted cells having shared polycrystalline silicon on an oxide definition region edge includes modeling inter-cell leakage current in a plurality of different cells. The feeding device encompasses a conductor which is guided in a vertical direction and is insulated through the base area of the reflector and terminates at a feeding point on the metallic patch sheet. A first program voltage is applied to the first non-volatile storage element.

1459827740-92c34819-9551-4b7c-b762-0aa869172f39

A retainer assembly for locating a medical device in a container having a wall with a vent hole. The control circuit detects a difference voltage between the input voltage and the output voltage or a difference voltage between the input voltage and the set target voltage, and causes the switching device to be in an ON state

when the difference voltage is lower than or equal to a predetermined voltage value. The terpolymer in one embodiment is a polymer comprising at least 65 wt %, by weight of the terpolymer, of propylene-derived units, within the range of from 5 to 35 wt % of ethylene or other \u03b1-olefin and a diene such as ethylidene norbornene, and in certain embodiments having a Mooney Viscosity @125\xb0 C. The developer manifold and the rinse manifold can be staggered so as to reduce an external width of the nozzle compared to a nominal external width of the nozzle achievable without either intersecting the fluid manifold and the another manifold or staggering the fluid manifold and the another manifold. The methods and systems minimize the delta pressure across the pump with a control strategy for positioning the electronic throttle and supercharger bypass valve in a coordinated manner to deliver the required amount of fresh air flow into engine, while, at the same time, minimizing the power consumed by the supercharger pump for best fuel economy.

1459827740-9715522f-639a-444b-a59a-83f66cb75892

This invention has building members which include an image sensing portion, an optical member for forming a beam from an object to be sensed into an image on the image sensing portion, a positioning portion which positions the optical member, and a support member which holds the optical member and to which the positioning portion is fixed. The jug has an interior portion, and the lower portion has a profile that includes an upwardly reaching portion conforms to the blade shape of the cutting assembly to reduce food accumulation below the main blades. The RRAM of the invention may be programmed in a single step or a two step programming process. The switching means is for controllable coupling the first conductor of the transmission line to a second conductor of the transmission line at a first end of the transmission line, with the second conductor of the transmission line being coupled to a fixed voltage potential at a second end of the transmission line. The formulation additionally comprises a fluid carrier and a stabilizer. The anvil has a channel containing detent notches for aligning the wire terminal seat with the bolt.

1459827741-01a2a0a4-8575-4e29-8d96-fc27817c03da

A method of texturing a surface of a crystalline silicon substrate is provided. A surface of a core metal produced from a metallic salt, a metallic oxide, or a metallic hydroxide and having a particle diameter of 1 to 100 nm is covered with an organic compound including a functional group having chemisorption capability onto the surface of the core metal. The first coil element and the second coil element are wound and arranged such that winding axes of the first and second coil elements coincide or substantially coincide with each other and directions of magnetic fields generated in the respective first and second coil elements are opposite to each other. The needle is then inserted at the located point, with or without the needle path being guided by the bore. When the document is stationarily placed on the static-document reading section to read the image, the shutter member is positioned at the shading position. In one embodiment, the alcohol is a compound of formula :wherein R3 is a protecting group.

1459827741-33b6a61c-72e2-483b-9519-59a67696a584

A radioactive static eliminator gun has a cartridge connected to a high pressure air supply. A motor and crankshaft combination is connected to each section of the lattice for generating in each section of the lattice a cyclic movement including, in the upper portion of its travel, a rearward movement of translation. The server holds the connection until the server receives information for the gateway. If the two group membership fields match, the current task is permitted to use the translation. Such a digital switch matrix may be applied to either the receiver or transmitter components of an advanced multi-band, multi-channel digital transceiver system, and is compatible with routing of signals with different clock frequencies simultaneously within the same switch matrix.

1459827742-08fbb03e-2b41-47a7-b134-d51b2a92bc8c

The present invention includes a circuit-level system and method for preventing the propagation of soft errors in logic cells. The bracket mechanism consists of integral mounting bosses on the hose reel enclosures, a mounting bracket, a tube and a constraint device on the tube. A pair of oil pumps are mounted on opposite ends of the housing inboard of the weights.

1459827742-5af0c3b5-ade7-47d2-bcb7-aaf698c3933a

Provided is a DA conversion apparatus comprising a capacitor array DA converter that outputs to an output line an output voltage corresponding to a digital value input thereto; and a load changing section that changes a size of a load capacitance connected to the output line. In one aspect, a method for an access point for transmitting service information on a network is disclosed. A slave plunger is mounted in the barrel for longitudinal movement therein, and is located between the master plunger assembly and the second barrel end so as to define two chambers. Alternatively, a random determination is made whether to increase the at least one progressive jackpot by a predetermined increment amount and, in response to a determination to increase the at least one progressive jackpot, the at least one progressive jackpot is incremented by the predetermined increment amount.

1459827742-8383169d-338d-43b7-8cfe-52189c0af7e4

The present invention is a new and unique variety of *Calliandra californica*. Displaying targeted advertisements during content viewing and web browsing and tracking the rendered and displayed advertisements for payment based on completion of viewing using means for keeping count, with verifiable IDs, of beacon execution using the operating system capability to verify application activity. The back surface of the first substrate is provided with a plurality of external substrate connection terminals.

1459827742-8948a4ee-da54-40f4-8569-d8c6615c68ca

An agent of a storage area network generates a first checksum value for a first set of zone configuration data used to at least initially configure the storage area network. The method uses a combination of dry and wet etching to create nanocolumns consisting of layers of non-polar III nitride material and other insulating materials or materials used to grow the non-polar III-V nitride materials. The sound may be further shaped based on other states of the zone player in addition to orientation.

1459827742-d4137fb0-9bac-4272-8106-66eb5e95b2eb

A pump assembly particularly for use in high pressure operations is disclosed, which pump assembly is a barrel casing cartridge pump assembly which includes a pump cartridge having a plurality of impeller stages, and a barrel body casing which encases a portion of the pump cartridge. Circumferentially spaced channels are provided on the walls of the base which receive removable inserts which not only secure the bottom against upward movement relative to the base but also provide landings to support insert trays received within the container. The two part-windings are capable of being connected in parallel with the switching device during operation of the electrical machine. Each item then has third party content or advertisements associated with the item based on the unique identifier. A second dielectric layer is conformally formed on the first dielectric layer to close the entrance, thus forming a void buried within the trench. Salesperson access to the system and customer access to the on-line communication channels requires authorization.

1459827742-ec770598-17a0-4853-8fe1-4ebbc31f96d8

There is provided an image forming system that are capable of preventing a user or operator from forgetting to carry out a maintenance operation based on required sub-maintenance items after execution of a maintenance operation based on an associated maintenance item, such as component replacement, cleaning, or adjustment. Transmit circuitry can include a transmit coil operatively part of a

transmit resonant circuit exhibiting resonance at a transmit resonant frequency and an unloaded Q value of at least about 20. zero volts, without causing permanent damage to the battery.

1459827743-44e249f6-7e65-4e8d-937f-dfbca55555ea

A method and apparatus for the production of a workpiece of exact geometry and high surface quality, such as, for example, a forming tool, are disclosed. Corresponding methods, systems, apparatuses, and computer-readable media are also described. , a reduced propensity to shed glass particulates. In one embodiment, the data includes both sensed intrinsic cardiac events and paced cardiac events. The method includes processing at least one collected image so as to calculate at least two positions of at least one body part of a user, and to determine an area defined by said position; and generating a signal suitable for the control of the field of view of a camera in dependence upon said determined area. The inner portion of the first-type well region is positioned within the center of the first-type contact region.

1459827743-51b95cc4-6bf9-4ffd-9788-a8fde256ff16

A direct memory access system consists of a direct memory access controller establishing a direct memory access data channel and including a first interface for coupling to a memory. The receiver comprises a plurality of receive antennas and collection circuitry for collecting a plurality of signal samples with at least one symbol and interference effects. According to a signal processing method and apparatus of the present invention, after a first signal has been decoded by a first coding scheme, the first signal is adjusted using modification reconstruction information for reconstructing the first signal modified in time domain in performing encoding. 4519 relative to the D line of the sodium vapor lamp. The resilient coupling link has its upper end coupled to the oscillator and has its lower end which is farther away from the inner cutter than the oscillator and is anchored to the shaving head.

1459827743-73c5e75b-b2a5-40a6-b23b-abc77876e79b

A method of automatically selecting a number of secondary images and a display template for display with a primary preselected image based on analyzing the primary image's attribute information and comparing the secondary images attribute information and the templates image attribute requirements. The aiming mechanism includes a screw insertion hole and an aiming screw operable to move the reflector by pivoting the aiming screw. The slide mechanism includes V-shaped guiderails vertically aligned with opposing V-shaped guiderails on the mounting bracket assembly.

1459827743-ced1132e-b61d-4ee1-8a58-3634c159ac09

An electrosurgical stapling apparatus is provided which uses thermogenic energy as well as surgical fasteners or staples for strengthening tissue, providing hemostasis, tissue joining or welding. The high-speed output transconductance amplifier configures a cross-coupled circuit with programmable switches to offer a high-speed receiver capable of operating at lower voltage and normal voltage, for example, a receiver can be operated in both for SSTL-3 and SSTL-2. Connecting elements wire the semiconductor chips, the intermediate plate and external terminals to one another. From the evaluation the type of wait treatment to use for the customer is determined and is provided to the customer. The host PC obtains internal information from the first and second microprocessors via the first and second debug IF devices and compares internal information from the first and second microprocessors to perform failure analysis.

1459827743-ee4f396b-44bf-4599-8f32-ff7ba2be9347

A fiber to chip coupling connecting an optical fiber to an integrated circuit. The housing is partitioned by an internal wall into a chamber containing the hydrostatic transmission and a chamber containing the other transmitting mechanisms. An acidic material is added to the cellulose acetate solution, and the

filtration is preformed.

1459827744-37ec0b10-9d22-4dff-a9a1-6ad4cc7aad6e

A cable that includes a first optical fiber in a center, a first layer with a plurality of metal wires and a stainless steel tube surrounding the first optical fiber, a second optical fiber inside the stainless steel tube, and a second layer with a plurality of metal wires surrounding the first layer, wherein the first optical fiber is directly exposed to the outside environment. The wheelbase has box frame including a pair of wheels pivotably connected to the frame. An IO interface sends a dataframe to the IO shim.

1459827744-8f681dfe-a552-495a-93b4-0266e240c4e3

In various embodiments, methods, systems, and computer program products for processing digital images captured by a mobile device are disclosed. A transistor of the comparison circuit receiving the bias signal is connected to a corresponding transistor in the bias generator circuit, in a current mirror configuration. , are varied accordingly in value.

1459827744-98ac086b-4a0f-40b5-8a91-8b7f54d5e070

A portable operation section of a controller has an impact sensor. The method comprises a hierarchical transaction commit rule allowing access to the data associated with an action in the schedule according to a transaction boundary and the state of the action. For example, density and porosity measurements can be affected by the presence of casing or drill pipe, and thus such measurements can provide an indication of whether the tool has been deployed below the drill pipe. The whole operation process is convenient and rapid. An iterative process for determining the cost of transfers between the plurality of cost groups is performed based upon the processing sequence. There can also be included a power switching unit for enabling switching between forward driving which allows the first electrode and the third electrode to serve as an anode and allows the second electrode to serve as a cathode, and inverse driving which allows the first electrode and the third electrode to serve as a cathode and allows the second electrode to serve as an anode.

1459827745-2be76ac7-c507-4661-96ae-c1d14a51f407

NAND memory devices utilize sensing devices for sensing a programmed state of a nonvolatile memory cell or writing a data value to a nonvolatile memory cell. The method includes the steps of adding to whey an amount of a whey-soluble zinc salt and adjusting the pH of the whey to be less than 6. The system further comprises a trigger-actuated latch mechanism including a detent engageable with the keeper for latching the door in its closed position and a trigger operably connected to the detent in a latched position. Parts of cartridges mounted to a lower one and the next higher one of the mounting portions overlap, as seen along a plane perpendicular to the phantom plane from an upstream side with respect to the mounting direction.

1459827745-3daf45fe-3b75-4e3f-84b9-a98c5980c7b1

An illumination device in one embodiment includes a housing comprising a bottom cavity; a battery powered light emitting assembly disposed in the housing and comprising an exposed light source; and a magnetic assembly comprising two separate magnetic members each having an inner inclined flat surface, the magnetic members being secured to the cavity. A controller in accordance with an illustrative embodiment of the present invention may include an interface for programming a service event display mode in the controller, and a display unit configured to display servicing information when a service event is detected by the controller. Surfaces are formed at the ends to slope toward the internal space so that the disc is located in an upper portion of the internal space and the pair of elastic protrusions supports the disc. A corresponding method is also provided. Once the score is calculated, the file can be further processed based on the score. As a



result, a valve phase when the engine stops is reliably brought to the target phase that is suitable for next engine starting.

1459827745-659dcbf2-d5e5-4dd8-871f-a8541eaa8cbb

A portable and temporary rail transition system for installation on a main track to guide rail equipment from parallel rails of the main track and onto parallel rails of a turnout track. The bearing material has about 8 to 12% by weight tin, about 1 to less than 5% by weight bismuth, and about 0. The nanowire structure of the semiconductor material has a bandgap that is indirect in a first strain state. The quiver may also include an arrow gripper having a plurality of fingers whose sides define expandable oval slots between adjacent fingers into which the arrows are loaded.

1459827745-871215d1-93da-4aec-81f9-9eed6d3c8590

The present invention is directed to the isolation and use of super-infective, tumor-specific vectors that are strains of parasites including, but not limited to bacteria, fungi and protists. Some embodiments create a physical design representation based on a behavioral representation of a design for an integrated circuit. Once the client is connected to one member, the member sends to the client a list of all active members and their respective workloads. Further, a wind energy system is provided that has a rotor with a rotor brake and a calculation unit adapted for comparing two threshold values for time and torque to the actual values of time and torque, alternatively for comparing two threshold values for time and actual power to the actual values of time and actual power.

1459827745-a009f198-7b1e-47ae-965f-62f8c5579903

Echogenic strands and spacers are provided for use in brachytherapy. The spokes have pairs of mutually opposite curved recesses mutually connected to form clamping channels for an annular ring with a notch. The hierarchy tree structures can be constructed dynamically as required, thus the occupied amount of a memory can be seduced and users can view the profiling data freely. The sliding board is slidable mounted to the main board.

1459827745-bdc6f60f-866a-4da5-a9a0-ab741d4eee56

A bundle pack includes a tray having a bottom, a sidewall, and a tray longitudinal axis. An umbrella frame assembly includes a reinforcing assembly connected thereto in a supportive, operative orientation thereby providing a stable support for an umbrella canopy which can remain open even during travel of the boat. Accordingly, additional information for the associated product can be displayed, enabling the user to learn more about and purchase the product from the electronic marketplace through the portable computing device.

1459827746-9ce56198-0777-4078-8835-f198cd2562ed

The present invention provides a stent comprising a tubular flexible body having a wall with a web structure that is expandable from a contracted delivery configuration to deployed configuration. The horizontal \u201cbutterfly\u201d throat is located at the rear of the enclosure and expands vertically, and the vertically arranged bifurcated horn terminus exhausts in a mostly forward direction on opposite sides of the back chamber which is reflex-ported; said ports arranged to each exhaust into the channel folds at each respective corner of the terminal horn channel. From within the 3D image object, cross layer planar views spanning various depths of the 3D digital slide are constructed as well as 3D prisms and other shaped image areas. The filters may be temporal noise shaping filters. The hand also has a holder which holds a dummy portion which is at an edge of the substrate. The polymer produces a gas when the thermite reaction occurs, the gas slowing the thermite reaction.

1459827746-aa8a31d3-5789-4e27-9611-c7671c68ca75

A method and system of conditioning human skin and hair using a hand-held skinhair

conditioner having interchangeable interface conductors that are contoured to enhance electrical conductivity between the conditioner and a variety of body areas. , the melting point being defined as a top of a peak observed on a highest-temperature side in a melting endothermic curve obtained by a differential scanning calorimeter when a sample is held in a nitrogen atmosphere at  $\sim 2210^{\circ}\text{C}$ . The display screens may include a plurality of predefined adjustable edge portions, such that each edge portion is designated as a rocker edge portion. The first heavily doping region and the second heavily doping region, which are separated from each other, are disposed in the first well. A length, in a first direction intersecting a penetrating direction through which the eccentric pin penetrates, of the first concave groove is greater than a length, in a second direction intersecting the first direction and the penetrating direction, of the first concave groove.

1459827746-d5115ee3-a66a-4eb8-9450-a1fef68e2d37

The present invention relates to the field of radar level gauging systems, in which a level of a surface of a product stored in a container is measured. The biliary catheter includes an elongate shaft having a proximal portion defining an ancillary lumen and a distal portion defining a common guidewire and ancillary lumen. The control unit memory stores a plurality of system management interrupt processes. In accordance with one embodiment of the invention when in an inoperative position, the free end of the latch member is aligned with a blocking surface of the lighter body, thus, preventing inadvertent lighting of the lighter. The time marks are in any increment of time needed. With this configuration, the present invention provides a portable computer improved in a mounting structure of a wireless LAN card doing not have an antenna.

1459827747-6c2b0873-d7cc-4f88-b5b0-20f0c55d563d

Embodiments of the invention describe hermetic encapsulation for MEMS devices, and processes to create the hermetic encapsulation structure. The system determines a threshold bandwidth based on the receiving capabilities of a client device. An interface is configured to receive auxiliary instructions from the processor, select the hardware blocks for the requested tasks in response to the auxiliary instructions, notify the hardware blocks of those tasks, and arbitrate access to the memory controller among the hardware blocks. A body portion housing chamber housing a body portion of the fluid coupling and the differential pressure generating chamber are structured as oil chambers independent of each other. One or more of a resonant exchange of energy between one or more electrons exchanged by the metal and the electrolyte and vibrating bonds of a molecular analyte, for example, may be sensed by measuring small signal conductivity of an electrochemical interface. In certain embodiments, the one or more segments are held within the receptacle via the container or via the material piece.

1459827748-26a8de05-a780-44ba-980f-9f6972e56af8

A laser system serves for corneal grafting by photodisruptive laser cutting. A tray configuration is also provided for use with the carrier or in a separate manner, and a dispensing system for use with the carrier is set forth. The cleaning section has plural cleaning lines for cleaning plural substrates. A plurality of flexible electrode assemblies may be coupled to the expandable member. By avoiding the need for many external connectors, the nozzle design is compact and the VLSI fabrication techniques are relatively low cost with high yield.

1459827748-2c0df47c-eeff-429c-be25-f92124954c73

Diesters of dianhydroglycitols can be prepared by esterification of dianhydroglycitols, anhydroglycitols and/or glycitols with alkylcarboxylic or arylcarboxylic acids in the presence of an acid catalyst, the acid catalyst being a macroporous acid ion exchange resin. The method comprises detecting a fault associated with a processing tool capable of processing one or more workpieces and operating the processing tool in a degraded mode in response to detecting the fault. As a result, the system and method of the present invention is easily

scalable to support an arbitrary number of participants to a conference by merely adding the appropriate number of server computers to the system.

1459827748-49e64823-c7d5-4706-aa7d-fb5656e5843e

Methods and apparatus for embedding a watermark are disclosed. The resulting video stream looks better upon subsequent viewing, and can be more efficiently transmitted and/or compressed for transmission or recording. The first etch extends to a depth in the masking layer that is less than entirely through the masking layer.

1459827748-684aebcc-a855-4686-8164-27203552d8bf

A turbomachine combustor assembly includes a combustor body, and a combustor liner arranged within the combustor body and defining a combustion chamber. A pivot lock mechanism inhibits the seat back from pivoting with respect to the seat bottom when locked. The inventive method allows reduced gas consumption and reduced waste.

1459827748-e20479e1-d52d-4bb0-8bc0-a321dc90e503

A method for providing fault tolerance to multiple computer servers is disclosed. The process includes in a semiconductor layer forming a gate structure above the semiconductor layer; forming a first doped region within a first surface portion of the semiconductor layer; and irradiating the first doped region with electromagnetic radiation, to carry out annealing thereof. The method further includes estimating current flowing in the DC motor based upon the replica of the output of the power amplifier and the model of the DC motor, and generating the correction signal proportional to the estimated current. The design allows for transportation through household doorways and provides anti-tilt arms with threaded level mounts for use on non-level surfaces. The control panels are provided at the top thereof with corresponding identifications, for example in the form of symbols. In a preferred embodiment, an antimicrobial composition comprises an enhanced synergistically effective antimicrobial mixture of PCMX, carboxylic acid, glycerol, isopropanol, and sodium dodecyl sulfate.

1459827749-3cbdb9aa-078b-4bb9-a6a8-cba5cbb348a7

A dual clutch transmission having radially nested clutches including an outer clutch having first inner and outer clutch disks that are interleaved between each other where the first outer clutch disks are operatively mounted to a first outer support carrier. A first coating with a low coefficient of friction is disposed on the proximal portion of the mandrel. The holding device can also be formed by two non-parallel guides for varying the position of the windshield in terms of height and/or inclination, when it is moved along the guides. An aperture may be disposed at or near the distal end of the medical instrument.

1459827749-4070dbf4-3548-4e4e-a75e-25c2466243de

Injection-molding nozzles having any one or more of improved heat transfer, wear resistance, and melt transfer from a manifold to a mold. The main body includes a first surface and a opposite second surface. Organized compartmentalization and insulation of system components controls storage, distribution and release of heat energy during operation and shut-down for increased efficiency and reduced pollutant emissions. One classification procedure analyzes the metadata to perform a high level determination as to whether the image is of a place. A pressure sensor observes the gas pressure in the riser base, and if the observed pressure exceeds a predetermined control pressure value a three term pressure indication control causes the first valve to be operated to open to an extent that increases the gas outflow through the pipe, and thus increases the velocity of gas in the pipeline to avoid occurrence of severe slugging in the riser. When the transconductance gain varies, the bias current varies in proportion thereby maintaining a constant offset voltage.

1459827749-cd67aee6-7973-4e40-8693-e5dcc8766386

Methods, computer readable media, and apparatuses for dynamically scalable real-time system monitoring are presented. The logic function can be programmed dynamically, by adjusting the operating parameters of the resonator. In one embodiment, the display time difference between a current video picture and a nearby video picture is determined. In another aspect, the product includes both polydextrose and cream, optionally in combination with tricalcium phosphate and/or karaya gum to produce a low fat frozen confection with good organoleptic properties. The devices, methods, and compare the self-contained navigation track with the GPS track to acquire a first correction amount for obtaining the highest degree of coincidence between the self-contained navigation track and the GPS track and then correct the self-contained navigation information using a second correction amount that is smaller than the first correction amount. The communication device includes a processor and instructions stored in memory.

1459827750-2ad17424-1022-4fa0-8a54-0525e87092bf

The present invention provides a loop thermosiphon including an evaporator and a condenser interconnected in flow communication by a vapor conduit and a condensate conduit. The first transfer path and second transfer path are disposed to be displaced in parallel such that a center line of the first transfer path and a center line of the second transfer path do not overlap on the same straight line. A plurality of fusible links selectively connect the plurality of capacitors to one another and selected ones of the capacitors to the contacts.

1459827750-438e2341-2634-4b19-a204-5cdb0109c114

A table game has a center piece and a plurality of end pieces that removably attach to the center piece. The base includes a plurality of downwardly extending rods and a mass of concrete around and in between the rods to anchor the assembly. The spectator experience enables users thereof to observe an augmented version of the game or event, such as by implementing enhanced viewpoint controls and/or other spectator related effects. The connector has a connector body unitary with the case and has a connector terminal that is exposed to the inner room at one end and exposed to an outside of the connector body at the other end. The method includes performing a write operation in a predetermined direction when writing the first-state data and second-state data, making a determination with respect to success in target data through verification, and attempting an additional write operation through a path reversed from a write path of corresponding data according to a result of the determination. The nacelle includes a displacement mechanism displacing on request a portion of the nacelle wall to modify the passage section of the flow outlet through which a major portion of the flow escapes, the displacement forming in the nacelle wall at least one opening through which a small portion of a leak flow, naturally escapes.

1459827750-48e5486e-9165-4305-a8e5-ee0a09add35a

An organic electroluminescent device is disclosed, which can obtain high luminance and high efficiency. When the lever is rotated, a protruding part provided on one end of the lever protrudes into the lower guiding groove and engages with a fixing boss provided on the process cartridge, thereby preventing the process cartridge from moving in a direction opposite the direction in which the cartridge is mounted in the main casing. A second 3D image data record is obtained by the computed tomography including data relating to the subarea of the object and is registered with the first 3D image data record. The first charge pump circuit is electrically connected to the loop filter.

1459827750-a3185fbb-fb6f-45cb-9fc5-94eadd7c00dc

To provide an antifuse element comprising a gate electrode, a depletion channel region, a gate insulating film between the gate electrode and the channel region, and a diffusion layer region forming a junction with the channel region. A tread and shoulder of the tire are joined along a shoulder edge. After the substrate is molded, the grooves are filled with an optically transparent material to optically

couple and align the plurality of lenses and the plurality of grooves respectively. The information is used to define a cross-connect mapping through a node of the network between respective local endpoints of the first bearer segment and a second bearer segment hosted by the node. When the clipping portion is engaged with the receiving portion, the hooking component catches one of the positioning components for fixing the clipping portion. A first stall divider module is attached to the truss module and a positioning fixture is used to properly align a second stall divider module relative to the first stall divider module.

1459827751-5dfb7190-f974-46f6-b9d5-2afbde4f99d8

An optical fiber connector includes a pair of optical fibers and a seat defining a pair of lenses at a front edge thereof and passageways aligned with the lenses respectively and receiving the optical fibers. The detector includes a first correlator that is configured to provide a first plurality of correlations corresponding to similarity between data as received and first information, e. The exposure time and the gain are associated with the first flash device in response to the indicator indicating the presence of the first flash device, and the exposure time and the gain are associated with the second flash device in response to the indicator indicating the presence of the second flash device.

1459827751-78dd235f-804d-4fe5-b1a4-50587a418016

A modular mobile phone includes a printhead and ink supply module that is received and retained into a support chassis. The intermediate character information generating section generates intermediate character information indicating a certain character. A respective at least one sensor can be present at the individual sensor nodes for the spatially resolved detection of vibrations and/or acoustic waves of the rotor blade and the sensor nodes can be connected via optical fibers to a central supply and reception unit.

1459827751-bb6a80fb-15b7-47c1-aace-f4e0ccee650b

A process for the preparation of coated polymer particles containing superparamagnetic crystals, said process comprising reacting porous, surface-functionalized, superparamagnetic crystal-containing polymer particles of diameter 0. Said measuring device comprises a guiding means for the curved rigid guidance of a first partial section of the fat fiber. The substrate panel has indexing holes formed therein so that the substrate panel is capable of being indexed by lead frame handling equipment. The reactive barrier layer includes an oxide having an element with more than one valence state, wherein the element with more than one valence state has a molar ratio of the molar amount of the element that is in its highest valence state to its total molar amount in the barrier of 50% to 100%. The invention further includes methods of forming semiconductor logic circuitry, and includes semiconductor constructions, such as, for example, semiconductor logic circuitry constructions.

1459827752-0236fd08-0e3f-4c6c-a215-b7e24695f88c

A method is described for controlling a micro-fluid ejection head that includes first and second heater chips disposed in a staggered overlapping arrangement, where a number of the nozzles of the first heater chip are substantially aligned with a corresponding number of the nozzles of the second heater chip in an overlapping region that includes N number of sub-regions. The second adjustment plate has at least a front end portion housed in an indoor unit front portion outside a blowing path when housed. The accessory can be worn on either the left or right side of the wearer. The method includes inducing a single impact wave in an impact table where the impact wave is induced across an area approximately the size of a person.

1459827753-1793e4b7-4081-4c51-8b58-6e8db5267262

A gate driver circuit includes a driving section and a wiring section. The terminal unit includes a positive terminal, a negative terminal, a control terminal, and a

temperature detection terminal for outputting temperature data. The invention also provides an antibody which specifically binds a human TIE-2 ligand. A spectrally-encoded label system further comprises an optical detector sensitive to the output light emitted from the label, and a decoder operatively coupled to the detector for extracting the label information according to the spectral encoding scheme, and may also include a light source providing the input light for illuminating the label.

1459827753-bae665d1-fbf9-464e-85fe-13fcbd16fa4d

A sheet feeder includes a roller configured to feed a plurality of sheets one by one in a sheet feeding direction to a feed path, and a motor configured to drive the roller. A distributed loop antenna may be formed on an elongated dielectric carrier and may have a longitudinal axis. The first and second resistors have variable resistances. The laundry treating apparatus can prevent moisture from staying in the interior of the laundry treating apparatus for a prolonged period of time, thereby preventing a failure of the laundry treating apparatus, generation of an offensive odor and propagation of bacteria in the interior of the laundry treating apparatus. , around 5-50%, larger than the diameter of the article being cleaned, wherein the cleaning liquid is supplied to the boreholes in such a way that it fills them completely. A first time delay permits the engine to warm up sufficiently at a run speed before switching the engine speed to an idle speed.

1459827754-0deb2aa2-e7cd-46bd-9fa2-cbf6871be265

A method and apparatus for converting a method call to a function call. The one end of the front element can exert traction on the front element and front magnet in a direction toward the one end. The base may be configured to engage the sleeve in a locked configuration so as to prevent removal of the sleeve and the tablet computer from the base and to disengage the sleeve in an unlocked configuration so as to allow the sleeve and the tablet computer to be removed from the base.

1459827754-358ea5e7-72fe-4bff-9668-c9ba803f3a2d

Storage optimization selection for virtual disks of a virtualization environment, where the storage optimization can be selected based in part on the disk type of a virtual disk included in a virtual machine. In various embodiments, the method provides accurate image data at best focus anywhere in the exposure field, image data covering an exposure-dose based process window area, and a map of effective focal plane distortions. The processor may enter a deadlock recovery state if the timer reaches a timeout before a resume message is received that indicates that the packet transmission can resume.

1459827754-6bb8f22e-216d-42e6-9280-cc0c64a5bbaf

\u201cTora\u201d is a classical strategy board game, constructed as a two-tiered, three-pronged, battlefield simulation. An intersite sensing interval is determined based on an intersite pacing delay and an intersite conduction delay associated with first and second pacing sites. The approach also involves determining the presence of the first sheeted substrate at a fusing position. In use a user squeezes the exterior surface to latch the switch to cause the apparatus to light, and may then safely handle the apparatus. The battery system further includes first and second bus bar members disposed in the first and second grooves, respectively. A correction value is calculated based on the determined positions of the compensation patters.

1459827754-c0a7ce0d-1f67-42cc-9de1-2d2da6fe1aef

A method and system for identifying a lost or stolen device is disclosed herein. Each support bar enables the transfer of power signals and control signals to each of the AV components. The frequency syntonization module can be configured to syntonize a frequency of a source signal from the source and a frequency of a display signal to be displayed on the renderer. The extruded components perform fence component positioning and establish pre-determined dimensioning and locations of the accompanying parts and pieces of the complete fence system and provide for

component attachment that is not visible when the fence installation is completed.

1459827755-47811f69-25c6-43c5-ba96-13e93e9feb6f

Provided is a cryptographic device implementing an S-Box of an encryption algorithm using a many-to-one binary function. These compositions comprise a Group 8-10 metal complex comprising a bidentate or variable denticity ligand comprising one or two nitrogen donor atom or atoms independently substituted by an aromatic or heteroaromatic ring, wherein the ortho positions of said ring are substituted by aryl or heteroaryl groups. Multiple independent hardware accelerators can be configured on a single circuit card assembly that is coupled to a computing device. The adhesive covers the side wall barrier structure and is located between the substrate and the releasing film.

1459827755-993097cd-1bb1-4df8-9a81-ad3f1d3f8ae6

Novel copper alkoxide compound based ink formulations and their chemical syntheses are disclosed. The duty cycle correction circuit includes a modulator of an inverter structure having at least one or more transistors. The second RF coverage unit is configured to communicate with the RF devices according to a second communication protocol different than the first communication protocol. The fibers can be cross-linked, if desired.

1459827756-1e839f09-5591-4270-bb15-1e540b4b8f35

Alarm tests are disclosed which use alarm test signals to assess alarms provided by medical devices. The device includes a memory for storing a plurality of frame data, a controller connected to the memory, a first motion estimation processor for performing a coarse-tuning operation and a second motion estimation processor for performing a fine-tuning operation. A logic circuit is coupled to the wordline to delay or gate the wordline signal until an enable signal has arrived at the logic circuit. At least some of the conductive structures are aligned with at least some of the bond pads of the first semiconductor die. The applet is capable of executing in the browser program at the second computer to display a desktop interface at the second computer and establish a connection with the shared file system.

1459827756-6100d793-f85e-497c-95c9-b111c5fa430c

A control module for a water heater includes a switching module that receives a voltage supply and outputs the voltage supply to the water heater. At least one of the isolated islands has an end apart from the boundary of a drain diffusion region of the ESD protection device, to form a gap between. Additionally, the method further comprises determining a vehicle identification number based on the registration request signal data and updating a vehicle tracking database with the vehicle transmission location and the registration request signal transmission time. The different-purpose identification hole may be a hole intended for the identification of a cleaning cartridge. Cells may also be pre-identified as being part of a well; in this case the algorithm will also establish well connectivity.

1459827756-677e3a84-f683-4836-9b9f-5d2d9dd05dbf

Various embodiments are directed to a system for managing an inventory comprising serialized products. The free acetic acid concentration in the bioreactor is maintained at less than 5 gL free acid. The samples of the received signal and the replica are shifted relative to each other for each correlation phase that is to be checked. The second plane may be parallel to and spaced-apart from the first plane. PCR products of selected regions of all known genes either binding to this sequence or whose expression is dependent on this binding, as well as genes interacting with E-box-binding genes and control genes, are arrayed on a nylon membrane or other appropriate microchip substrate, which is then used as an E-box-specific microarray.

1459827756-9474ba1d-7b58-4cdb-8b2e-18f1dc430e0c

A method of controlling a network system is provided. The body includes a pair of

side walls, and top and bottom walls respectively connecting between the side walls. A cell array block including a phase change resistance cell is arranged where a word line and a bit line intersect.

1459827756-c955e2ee-3ea7-478a-a9ef-c06db6a3e05f

The invention relates to a wireless manual pulse generator that includes a central processing unit, a magnification selector, a pulse generator, an axis selector, and a wireless transmission module. An optical transducing element, such as a layer of light absorbing material, is located in proximity to the in-fiber optic component. The optical system further comprises a lens holder including a lens, and one or more alignment features arranged on the lens holder. Based on this P\_Key mode, one or more P\_Keys from a P\_Key table associated with the logical port from which the request was received are written to one or more P\_Key registers allocated to the queue pair. The appropriate medical data is also routed to the distribution center for use in filling the prescription.

1459827757-1e9f15d3-f700-4508-8eda-eff09758ba6c

The Johnson ATV Safety Bar including an articulating adjustable roll bar, a seat back, a safety seat belt, an adjustable foot and leg guard and an articulating adjustable mounting bracket. 01 to 10 m, and surface roughness RzD2 of the intermediate transfer body is set to 1 to 30 m, moreover being RzD1RzD2. Further, the invention provides methods and systems for using a modifiable resist layer that provides a first set of optical properties before exposure and a second set of optical properties after exposure. This flexible member is inflatable to a pressure for supporting a person. In one example, the material of the second edge of the cuff portion is frayed to better engage the vessel walls and promote thrombus and/or tissue growth.

1459827757-8fc2c10c-3b4c-4f9a-a92a-e0a201ac721d

A data transceiver including a self-test data generator for generating test data, which includes a first pseudo-random number generator programmable so as to allow the operator to input the test data values. Each support member assembly comprises end members and a tubular support, the end members being movable in the tracks. In another implementation, a WCD may receive a signal from an in-vehicle femtocell and in response to the signal, the WCD may register with the femtocell to be served with wireless communication service by the femtocell. Cylindrical U shaped loops offset from each other and formed on opposite sides of central cylindrical rod placed under the flanged nail head for securing or anchoring objects attached to the anchor device. There are cross members with smooth sided upper support surfaces in front of and behind the mid floor beam, and cross members with smooth sided upper support surfaces in front of the rear floor beam. A circuit may be included for sensing when a voltage on an input to the oscillation circuit exceeds desired levels.

1459827757-f24a67a2-80a3-4f05-b631-2691583cb0a8

A connection system for connecting a supporting arm to an axle body comprises a first and a second supporting element each having a reinforced region, wherein the first and second supporting elements cooperate to substantially enclose the axle body, and wherein contact regions created between the first and second supporting elements are substantially vertically aligned. A silicon intermediate layer sandwiched between a metal aperture layer and a dielectric layer has been found to offer a good combination of low optical loss combined with superior mechanical properties. In other words, as the dog move in different directions the waste bag holding device is able to adjust its' position by swiveling about the device attached to the leash allowing the walker to have their hands free. The color and construction of the sheet also provide for insulation against ambient heat and reflection of some solar energy.

1459827758-84b4b44e-235d-4900-8657-5cc60fe84259



An integrated circuit having an SRAM cell includes a pair of cross-coupled inverters with first driver and load transistors connected to provide a first storage node and second driver and load transistors connected to provide a second storage node. A cache is established containing program code segments including library calls and application program interfaces that require security permissions at runtime. Fluid to be filtered flows through the main filter element from an upstream dirty side to a downstream clean side, and flows axially in the hollow interior. As a result, the present invention eliminates the need for separate processing stations for depositing the conductive material and cleaning the wafer. In a specific implementation, the selected keyword information is provided by an entity other than the end user.

1459827758-a833d837-45ca-4b50-b676-5fe536e26579

A method for processing data includes receiving a depth map of a scene containing at least an upper body of a humanoid form. A trolley is supported for movement relative to the guide track and has an elongate boom. When a new network device with IP forwarding capabilities is discovered, that network device is added to a list of discovered network devices. A second gas port is formed by a gas collecting ring channel incorporated into the valve body, wherein it surrounds a nozzle shoulder surface of the nozzle and is itself surrounded by an outer shoulder surface of the valve body. The particulate fillers may also function as anti-blocking agents when liner-free label media are tightly wound in a roll.

1459827758-c18d7977-8ced-4d57-9925-d4b00c9afe9c

A system and method of providing a voltage to a non-volatile memory. The apparatus includes first and second inputs for receiving traffic units from first and second source points, respectively. Each application server may have a persistent storage device associated with it for storing data. The selected recipient may be associated with at least one transport mechanism.

1459827759-18504b4a-5311-4150-a789-c6714a1ec4be

A wheelchair and an examination table is provided wherein there is provided a connector or connector assembly for connecting the wheelchair to the examination table. The pick and place tool secures a part at first location employing an induced compressive force by the part against a part penetration element of the pick and place tool. The switching member switches an on state and an off state of electric power supply from the power source to the primary coil.

1459827759-1b0033ca-93e4-4a1f-96e6-50185a07c170

An apparatus and method for rapidly loading vehicles or other load carrying compartments has an extensible conveyor attached to a base frame by means of a wheel and track design. The level-shifter circuit receives the charge pump output voltage as its high voltage supply and the charge pump enable signal as its input signal, and transmits the charge pump output voltage from its output terminal when the charge pump is enabled, and zero volts when the charge pump is disabled. When the holding pawl mechanism is moved to its DISENGAGED position, the negator spring members cause the film roll carriage to be vertically elevated, whereas when the holding pawl mechanism is disposed at its ENGAGED position, movement of the film roll carriage lift cable, and the film roll carriage, is effectively prevented.

1459827759-53ce256b-d31a-4abf-8970-8e35773d78b9

A method for erasing a flash memory group is provided, which comprises the following steps. Data collected by sensors on the snow removal unit or data collected from a secondary source can be used to control the operation of the snow removers. In an embodiment, the call agent is a wireless call agent, such as a mobile switching center. The registers are capable of defining an address area such that in use the processor is arranged to permit other partitions to access at least one address area defined by the at least one register and to deny other partitions access to address areas other than the at least one accessible address area. Shadow

areas on the backing are retained and may be transferred to the inserted background scene.

1459827759-92030b81-8674-407b-8f06-d5201e34d861

Disclosed is an electronic information terminal device, which makes it possible to establish an area having an arbitral shape only by performing a simple action on a multi-touchable panel provided therewith. Also provided is an electrospinning process for the preparation of the fiber assembly of the invention and its applications. The side rail pads are positioned on the bed frame with flexible hinges in a manner that allows their alternate movement between a placement that fills the space between the side rails and the mattress when the side rails are in a raised position, and a placement away from the side of the mattress when the side rails are rotated into a lowered position.

1459827759-f9933e84-d10f-418e-9cb8-9e40f04b817a

The present invention relates to a stable, aqueous wrinkle controlling and, optionally, odor-absorbing, composition, preferably for use on fabric. The implant includes a first flexible hinge that couples the upper plate and the intermediate plate, and a second flexible hinge that couples the intermediate plate and the lower plate, the first flexible hinge extending along a first axis and the second flexible hinge extending along a second axis that traverses the first axis. A circulation system draws fluid from a reservoir and fills the bladder with the fluid.

1459827760-72773383-fbc8-41e0-b6ce-ae488bba5ce3

A power system having a DC electric motor is disclosed. And a hitting panel, in a periphery of a rear side of the hitting panel is disposed an annular wall, and the hitting panel and the annular wall are retained in the annular groove of the body respectively. After passing through the DCCC, the air is saturated at a temperature equal or close to that of the water. The control-triggered stage is connected in series to the one or more auto-triggered stages.

1459827760-8f1b7f0c-a297-4477-9cb0-8144275e7322

A short arc mercury discharge lamp including an arc tube filled with at least mercury and a rare gas, a cathode and an anode positioned opposite to each other within the arc tube, the cathode having an tapered area which tapers in a direction towards the anode and a projection which protrudes from the tapered area in a direction towards the anode. The length of optical waveguide can comprise at least a first waveguiding region configured for propagating spectrally broadened light in a forward direction toward the output and can be further configured for receiving backward propagating light responsive to the forward propagating light. Either the first or second electrode is electrically connected to an electrical bias source regulated to set a resistance phase of the MIT material.

1459827760-b8a6010d-cfea-4591-9858-6c91a061e8fb

Provided are a virtual multi-antenna method for an orthogonal frequency division multiplexing system and an OFDM-based cellular system. The multiple disk units include a master disk unit and a one or more data-mirroring disk units. R1 is alkanoyl group or aroyl group, and R2 is hydrogen atom, alkanoyl group or aroyl group, or R1 and R2 may be combined together with the N atom to form a cyclic imido group, which is useful as an intermediate of medicines, etc.

1459827760-bde67871-2c24-451c-af75-fe0283346091

A linking ligand compound includes three bidentate chemical moieties distributed about a central chemical moiety. The system includes first asynchronous encoder logic and second asynchronous encoder logic for controlling the state of the communication system such that bi-directional communication is enabled without a direction control line. The resistive memory element stores information based on a resistivity of the resistive memory element. In addition, the holding member has:

and a holding portion that disposes the light guiding member along a main scanning direction, and positions and holds an end portion on the light emitting portion side in the main scanning direction.

1459827760-ca613977-1eb8-4652-9b8a-ae99afb3951a

A method and system for providing real time scratch-off lottery like games over a wireless network. The device may be used to increase the blood flow in a local region of the body, and in preferred embodiments provides a device for regulating the core body temperature of a patient. Preferably the deflector deflects substantially all of the light from the reader, so that none of the light from the light source directly illuminates the bar code. The first energy barrier is higher than the second energy barrier.

1459827761-0e30a581-26cf-45a3-9416-08ec06b03d54

This invention relates to a chemically unmodified hyaluronan product which has a high molecular weight of 9-25 million Daltons and a zero shear viscosity from 0.60, and a low refractive index layer with a refractive index of not more than 1. If the ID code represents a safe shipment, the shipper or third-party returns an acceptance message. Hybrid maize seed, plant or plant part produced by crossing the variety PHGC2 or a trait conversion of PHGC2 with another maize variety.

1459827761-5ca0e5a4-891a-4b76-95a9-47abfda642e5

A tunable bridge for a string musical instrument is provided to enable a user to rapidly switch between two pre-selected string tunings simply by movement of an actuator arm. The key is to insure a specific combination of liquid crystal inducer and of modifier so that the isethionates will be stable at low and high temperatures. The refractive index of the first layer 30 is set to be 1. Techniques are disclosed that apply different read parameters depending on how many times a block has been programmed/erased. Additionally, the stimulation device inhibits unnecessary back-up stimulation and threshold tests when fusion occurs, and provides appropriate adjustment of stimulation parameters based on confirmed fusion detection such that fusion re-occurrence is minimized.

1459827761-b5e0e61e-adda-4a34-86b0-db65b3d1d240

A NMOSFET semiconductor device is formed having an LDD structure by simultaneous co-implantation of arsenic and phosphorous to form an N layer. In another aspect, a fluid warming system increases or decreases power to a heater assembly to adjust the fluid temperature to ensure that the fluid is at an appropriate temperature when it reaches the patient. The first cardiac region is paced to maintain at least a minimum cardiac rate, and the second cardiac region is paced to maintain at least the minimum cardiac rate when a pace in the first cardiac region is inhibited. At least one first electroacoustic transducer comprises a series circuit of a number of partial transducers, wherein each partial transducer has an individual aperture that is reduced in relation to the overall aperture A0, and wherein the individual apertures add up to the overall aperture.

1459827761-bef66106-9fdb-4253-9ee9-4dee4df97565

An embodiment of the invention provides a system and method for displaying the scheduling availability of a user. The pressing member has a periphery provided with a mounting seat which has a fixing recess to receive a hanging rod of a support rack and to abut a surface. The signaling information is sent in each repetition period to allow wireless devices to quickly obtain this information.

1459827762-574d3155-485f-45a0-88cd-02c2106be95d

An investment casting pattern is formed by installing a first core to a first element of a molding die to leave a first portion of the first core protruding from the first element. The relay has very low contact resistance when the relay is in its ON state and enhanced contact-to-contact isolation when the relay is in its OFF state. The control circuit continuously monitors the voltage on the input capacitor

and automatically decreases the maximum allowable conduction time of the semiconductor switch when the voltage falls to a level that will not guarantee proper operation of the power supply. The optical fiber achieves reduced bending losses without significantly increasing numerical aperture. The pigmented toner image is applied using the segmented roller and is then transferred to a receiver sheet. A tail part of the tab holder of the zip fastener slider extends outside the slider body and a throat such that between the tail part of the tab holder and the end of the top plate of the slider body there remains a threading gapthreading point through which the pull tab can be threaded into connection with the tab holder.

1459827762-ac2c9373-0cc9-41b6-a0ff-b9b27267704b

A power steering fluid refilling and draining device according to the present invention includes a frame mounting with a fresh fluid tank including an output pipe connected to a first three-way valve and a refilling port. In this method, a sequential update block is provided and a write command is received to write data. A modulator capable of varying laser attenuation with a voltage is disposed so as to precede the laser, thereby the laser noise when reading data from the optical disk can be reduced without lowering the laser power when in writing.

1459827762-b8c72831-c0c5-4a89-a2ee-a3cbb3bbbbb5

A calculation system for calculating the control signals which are designed to perform a frequency-dependent weighting of the angular velocity signals and the angular position signals. The angular rate detection apparatus includes at least a gyro sensor detection circuit connected to an oscillator, an AD converter, a digital calculation device, and a reference voltage generation circuit. A method of dissipating heat generated by an LED-based lighting system includes configuring a PCB with conductors on a front-side of the PCB, such that when one or more LEDs mounted to the conductors generates heat, the heat dissipates from the one or more LEDs to the conductors. In this manner the corrosion resistant material prevents corrosive substances from penetrating the connection. A filter may be fluidly connected with the fluid passage for filtering out one or more contaminants present in the fluid. The read signal processing section has an interface section which transfers, when the command requesting execution of an application is set to the interface section, the command to a command register.

1459827763-09a6778c-31c1-4537-a058-839ddfacc72f5

The invention is a method for using a payment and inspection service to purchase merchandise on an online sale website. One of the power amplifiers is operatively coupled with each of the transmit antenna elements and mounted closely adjacent to the associated transmit antenna element, such that no appreciable power loss occurs between the power amplifier and the associated antenna element. A synchronization detector detects symbol synchronization. For each pair of code modules, the first code module and the second code module may collectively implement a function in the test instrument. A simulation of the system is executed using the model of the system and the models of the individual components of the system.

1459827763-49207c95-f86f-48f8-a872-644793d2f0f6

A method and circuit for achieving minimum latency data transfer between two mesochronous clock domains is disclosed. A fluorescent-label binding-substance in an amount corresponding to the amount of a detection-target-substance in a liquid-sample binds onto the sensor-portion. The predetermined event can be related to deterioration or improvement in network performance, and the device can respond by correspondingly decreasing or increasing the service quality of the packets being formed. Alternatively, a content inventory list is downloaded to each content server that indicates which content server is to download each content file and which content servers are to receive the content file.

1459827763-49af2731-836f-40ac-8888-360093443ceb

An electronic display strip is attached to the shelf front of retail shelves, each shelf having an address code assigned through a control computer. The invention also concerns an NMR resonator with at least one RF coil, wherein superconducting conductor structures of the NMR resonator are disposed at a radial separation from the measuring sample with the superconducting conductor structures extending beyond the RF active part of the measuring sample in the z direction. An underfill material is deposited over the wafer. The adjustment rod is made of an electroconductive material, and its insertion depth is adjustable in the axial direction of the adjustment hole. The intermediate protograph is then lifted via a circulant matrix to the expected codeword length to form a protograph-based low-density parity-check code. Interfaces can enumerate modeling elements and their relationships, add, delete or change connections between model elements and states, and initialize the surface, including loading an existing diagram such as saved as an HTML document.

1459827764-063f4a24-7b52-4a54-b98f-177c216739ef

A method and system for designing a dummy grid in an open area of a circuit adjacent to at least one metal line comprising the circuits is disclosed. The method, system, and computer program product provide for receiving a query for optimizing, collecting statistics specific to the query prior to generating any access plans for executing the query, and generating an access plan for executing the query based on the collected statistics. For any given set of choices of numbers of pistons and sizes of pistons, disks, and gears, there are disclosed dimensional constraints useful for more efficient functioning of the engine. Real time and archived events are utilized, in some embodiments, for root cause analysis and/or process and/or performance improvement. Internal wiring of the probe extends from the socket and connects with the two conductors of the tip.

1459827764-d70a4a0a-b57f-4fb7-a40a-cd9c2f973099

A system and method are described herein that prioritize users into waiting queues based on the previously measured end user response time for each user or a user's expectancy for a shorter response time. The container may be made from a tube of biodegradable or non-biodegradable material. By adding the harmonic compensation circuit to the PFC circuit, the distortion of input current is decreased and the power factor is enhanced.

1459827765-4ab60a2d-acf4-4503-97ff-e23078ee1571

A parallel connected double-phase full-wave brushless dc motor includes a first drive member, a second drive member, a first sensor member, a second sensor member, a first motor coil and a second motor coil. The package includes an element which itself comprises a film tightly wrapping the portion and in contact therewith, and tear-initiating member for enabling the sheet to be torn along at least one tear line when a gripping tab of the element is pulled. The toggle end of the shaft is passed through the passage and the toggle is rotated into a locked position preventing removal of the shaft.

1459827765-86bf6972-3ca4-4f1e-a5ae-d7170f5f9677

A method and system of verifying proper execution of a secure mode entry sequence. The presentation tool automatically creates and presents the progression graphics for viewing by the presenter and the audience. The sets of coordinate values are determined using responses to a plurality of questions. The substrate can be provided in a composition which demonstrates unexpectedly long storage stability.

1459827765-88c7920c-11b8-4dd7-b3fd-8122ae996b87

A customer compatible software is electronically provided to a customer based on a customer specification provided through a web interface. In the method, a first gesture input is received at a first mobile computing device. Preferably, the survivability gateway is configured so that if a network failure occurs, the user does not experience service degradation, or at least significant service

degradation. This reduces the number of files that need to be considered when performing an index update. The first and second ends of the rigid member are then decoupled from the steel receptacles of the joist/slab and column, respectively.

1459827765-9452d4c9-5d8f-4dc0-9624-4cb80c140de5

Wrist and upper extremity motion systems and method may include positioning a subject's wrist or upper extremity in a motion device, and actuating one or more motors associated with the device to provide at least one of assistance, perturbation, and resistance to a wrist or upper extremity motion. A standardized data collection method enables IP assets to be characterized, rated and valued in a consistent manner. An operation controller controls an image carrier at a speed so that adjacent dot images in the sub-scanning direction overlap. Also disclosed are compositions containing the compounds of Formula and a method for controlling plant diseases caused by fungal plant pathogens that involves applying an effective amount of a compound of Formula. The substrate is separated from the suspension.

1459827766-95a01b85-3361-4186-8358-2dcc48e53907

A method and system for guiding a vehicle comprises a location module for collecting location data for the vehicle. A p-type well region is formed beneath part of the partial oxide film which isolates NMOS transistors from each other, and an n-type well region is formed beneath part of the partial oxide film which isolates PMOS transistors from each other. An inlet operates as an RFID tag, includes an antenna and an IC chip connected to the antenna, and is mounted on the inner surface of the folded portion in conformity with the position of the slot. The data management table indicates an application read priority level for each title.

1459827766-db0854e8-8a0f-457f-b6dc-fd0f013aa451

A pulse circuit, a plasma generator, and an excited atomic molecular state generator useful in an electric oxygen iodine laser of the present invention. The amount of the acid-stable particles in the coating composition is from 0. The magnetic element further includes a package body for enclosing the pair of coil sets therein. The status information can then be used to determine the network device with which the user is most likely in the vicinity of. The product can be composed of either one or a number of beads in a dosage form, including either capsule, tablet, or sachet method for administering the beads.

1459827766-dc5667ed-59d8-436f-b0c2-d09ff11290ab

To improve reliability of interlayer connection of a multilayer wiring board. Updating price information in a local POS product price database causes a DDU control computer to communicate the price information to the DDU. The cloud point monitoring device design allows it to be made small enough to be mounted in a fuel system of a vehicle. A hitch assembly joins adjacent ones of the carriers. The films are dimensioned in conjunction with the ion implantation operation to enable the desired dopant profile and concentration to be formed in the channel substrate material.

1459827766-fa22c5d5-4595-4239-b628-dabcdd65b070

A laser apparatus that includes a laser light generation section, an optical amplification section, a wavelength conversion section and a suppressing section is provided. The thermal adhesive has a melting point of higher than about 150°C. The at least one metering element has a rectangular portion for producing improved control stability, a tee and slot portion for controlling thrust during a start transient engine phase, and a fixed turbine bypass portion for accommodating a retainer.

1459827767-42bff3fe-5cf5-40c9-b5dd-423a552c7621

Management of move requests from a factory system to an automated handling system is provided. The invention further relates to a method for painting a substrate,

such as the housings of cellphones, in which said paint is applied on the material and is made to undergo cross-linking by means of exposure to ultraviolet radiation. A reactor comprises a reactor solution comprising an oxidant in fluid contact with the cathode electrolyte. In this system the possible irritants and contaminated crawl space air, basement air, or attic air is not vented into the habitable living space of the building, thus providing a healthier living environment for the inhabitants.

1459827767-fb689aa2-4032-4870-87f6-54ff9508810f

A nozzle assembly includes a first needle and a second needle controlling respectively fuel flow towards a first series of outlets and a second series of outlets. The system also collects from a plurality of users, trustworthiness ratings for various information units. The robot chassis carries a supply of cleaning fluid and a waste container for storing waste materials collected up from the cleaning surface. Movement of the 6-degree-of-freedom stage is caused, at least in part, to be controlled based on the position information, the attitude information, or both the position information and the attitude information.

1459827768-33191427-c05e-42b4-8708-949b51dffe99

Process for the production of alkoxysilanes of the formula  $\text{HSiR}_3$ , where R is an alkyl group containing 1 to 6 carbon atoms, and/or alkyl orthosilicates of the formula  $\text{SiR}_4$ , where R is an alkyl group containing 1 to 6 carbon atoms. This controller detects either changes in rate of rise in liquid in the collecting tank and/or water level in the well when the pump is in a run cycle. Each timeslot's data is stored into a predefined location in buffer memory. The third and fourth switching valves each perform a substantially same oil pressure transmission when the state of the second and third actuators is reversed with respect to the first switching and second switching valves, respectively. The first test pattern is read at location t and the error rate of the signal is measured. An isolator which insulates and separates the transceiver and application controller includes primary and secondary side circuits insulated from each other on a substrate and a capacitive insulating means to transfer signals between the primary and second sides while insulating and separating the primary side circuit from the secondary side circuit.

1459827768-3d1715fe-b22e-4597-b2ef-76a6b39424fd

A semiconductor apparatus includes a semiconductor substrate of a first conductivity type, a base region of a second conductivity type formed on a principal surface of the semiconductor substrate, a trench formed in a periphery of the base region, and an endless source region of the first conductivity type formed on a surface of the base region along the trench. Due to a reduction in the number of lines involved and an elimination of battery back-up, a reduction in size is achieved. The member is resiliently deformable from the default shape to conform to at least a portion of the container and is attached by the resiliency of the member. The panel has at least one control mechanism mounted thereon. The undecomposed  $\text{NH}_3$  partial pressure control step, the  $\text{CO}_2$  partial pressure control step and the  $\text{H}_2$  partial pressure control step are carried out such that the partial pressure of hydrogen in the heat treatment furnace is at least 0.

1459827768-f3eed10f-69e3-4a41-847e-2e75db355784

A dual band antenna unit for a mobile device may include an antenna receiving part, a first antenna part having a first contact point and a second contact point, a second antenna part, a first feed point and a second feed point. A mean-variance efficient frontier is calculated based on expected return and standard deviation of return of each of the plurality of assets. The sensor may be calibrated using a calibration set of one or more matched sensor and reference analyte data pairs.

1459827769-0af23800-18b4-4180-948e-783f2010246d

A thermally conductive polymer molded article formed by molding a thermally

conductive composition which comprises a liquid crystalline polymer and thermally conductive filler having magnetic anisotropy, wherein the liquid crystalline polymer and the thermally conductive filler are oriented in a predetermined direction by a magnetic field. The operator may receive signals from a wireless or wired wall station transmitter, a wireless keyless entry device and/or a portable remote transmitter device. A width  $W_2$  of a connecting portion at an end portion thereof is larger than a width  $W_1$  of a connecting portion at a center portion thereof.

1459827769-65f6b7f9-ec47-4ab9-9482-4958090e48b3

Disclosed are a touch screen integrated organic light emitting display device which has a thin profile and is implemented in a flexible type and a method for fabricating the same. In order to ease wirebonding requirements on the controller die, the controller die may be mounted directly to the substrate in a flip chip arrangement requiring no wire bonds or footprint outside of the controller die. Consequently, the swivel snap hook can be molded such that the front-end outside engaging face of the stopper piece is closed to the front-end inside engaging face of the hook body. The processor and the display are cooperatively configured to display right channel content on a first subset of the plurality of pixels that are viewable by a right eye of the viewer through the apertures and display left channel content on a second subset of the plurality of pixels that are viewable by a left eye of the viewer through the apertures.

1459827769-754ff00a-d4e7-4e6e-948f-695d4b1b9c55

There is provided a coated zeolite catalyst in which the accessibility of the acid sites on the external surfaces of the zeolite is controlled and a process for converting hydrocarbons utilizing the coated zeolite catalyst. The method embodiment comprises building a training corpus comprising a broad stylistic coverage of web pages, segmenting a web page into information blocks, identifying semantic categories of the information blocks using the training corpus and applying the identical semantic categories in a web-based tool. , in the case where only three of a spacecraft's four ion thrusters are available. Distributed microprocessor controllers established in a network configuration utilizing controller network protocols reduces the wiring and connections necessary for the assembled system. Finally, a third disclosed embodiment addresses desensitizing the lamp from various deleterious parasitic capacitive effects associated with the power delivery to one or more lamps. At the end of the POST configuration code, the register values are stored in non-volatile storage.

1459827769-7c02ea37-7059-4980-9c85-9ff2ddb45e57

A reporting system is described herein that allows a report author to declare data reporting structures that specify to a reporting application how to dynamically categorize data with changing or potentially unknown characteristics. A compression element is also provided that is attached to the internally-threaded rotatable nut. The light-emitting pattern surface includes a light-emitting part in which the light-emitting patterns are formed; and an edge part which extends along the four edge surfaces to enclose the light-emitting part and in which at least one fixing groove is formed to fix the LGP. A control moves the blotting away from the carrier depending on a change in the detected optical properties. The switching unit switches cylindrical coordinate control for controlling the arm unit such that a trajectory of the hand overlaps with any one of lines radiating from the rotation axis and rectangular coordinate control for controlling the arm unit such that the trajectory of the hand overlaps with none of the lines at a predetermined timing. The antenna elements are coordinated to function as an active phased array capable of finding and executing a resonate mode of a target.

1459827770-0c932f8a-5a5a-4a19-85a2-d0c091527d07

A phase change ink composition suitable for ink jet printing, including printing on coated paper substrates. The light bulb speaker can be screwed or secured into a



standard light bulb socket. At least one surface of the structure is covered with a covering layer formed by a deposition process. In the locked position, the cap is raised and rotated so the knives are inside the cap and inaccessible. % of an anionic surfactant, wherein the laundry treatment composition provides sufficient softness and anti-static benefits without minimized formation of non-soluble flocs.

1459827770-42ec4705-1f24-49b3-88a8-df6bd9c4e14d

A memory device is obtained in which stable recording of information can be performed and a period of time required for the recording of information can be shortened. Systems and methods for processing emergency calls to eliminate emergency callback failure in response to an emergency call being disconnected are provided herein. The device also includes cover members having a front portion and a back portion. Criteria to determine which of the control information items is to be included in the first common control signal are updated in accordance with a statistical tendency of the delivery request signals from the terminal apparatuses. The corrosion-resistant magnet of the present invention as a means for achieving the object is characterized by comprising a chemical conversion film containing at least Zr, Nd, fluorine, and oxygen as constituent elements and not containing phosphorus directly on a surface of an R<sub>2</sub>Fe<sub>2</sub>B based sintered magnet, wherein R is a rare-earth element including at least Nd.

1459827770-ad55f0d2-e089-4cc9-b908-490b60d2cdc2

An ink containment system for an inkjet cartridge, for storing ink for printing, comprises a rigid basin member and a rigid moveable plate. The difference between two voltage values output from the CDS circuit 20 is obtained by a difference arithmetic circuit 30 and held by a S-H circuit 40. The second headband element includes a second pinion rack. The method may further include the operations of setting a flag to designate selected portions of the database, and writing the selected portions of the database to the primary storage device of the computer system. That is, they must swing at some pitches earlier than others, depending on the location of the pitch.

1459827770-b6e40aa0-8639-4efa-9e62-30f704def05f

A system and method that includes the use of a bank checking account that can be connected to insurance coverage. The invention is intended to make it possible to test pressure sensors still in a wafer compound for their function. In the beginning, a first data point with greatest illumination intensity is selected from the interference data points on the waveform. The software patch is applied on the one or more software components running on an application server node of the second instance of the cluster.

1459827770-ff309f18-b205-49ae-923d-ba6c6a729459

An SOI FET comprising a silicon substrate having silicon layer on top of a buried oxide layer having doped regions and an undoped region is disclosed. An ultrasound transducer for generating ultrasound energy is carried by a transducer housing that seals the transducer and may also include a positioning element for positioning the transducer proximate an application area to which generated ultrasound energy is to be applied. A method of dampening low frequency vibrations associated with telematic antennas is also disclosed.

1459827771-232178d1-f218-4100-be15-2aef4b824a01

A mobile terminal having a first body, a second body pivotally attached to the first body, the second body being movable between an open and a closed position, and an input device at an exterior surface of the mobile phone that is exposed when the second body is in the closed position. A second sealing strip comprising elastic has a first mounting element on a first end which defines a first inner space for retaining the second axis, and a second mounting element on a second opposite end which defines the second inner space for retaining the first axis. Additionally, the color contrast adjuster can store multiple problem and preferred

color combinations for each user.

1459827771-29ad1e5d-8187-4d70-b3f1-c0cad055e8fd

A sample thief comprising: an outer hollow rod with an open end; a piston with a plunger end inserted within the outer hollow rod; and the outer hollow rod having an adjustable means. The lower electrode is adapted to support a substrate and coupled to a RF power supply. The invention may be implemented in any licensing model in which the use-information is important, like a Try before you Buy model, renting a program, and so forth. The spectral generator also includes a spectral calculator that is in communication with the covariance matrix calculator to calculate a high-resolution spectral vector based on a location matrix and a noise subspace matrix estimate. An article such as a high-efficiency photovoltaic cell is formed by a process of deposition of the lead-free paste composition on a semiconductor substrate and firing the paste to remove the organic vehicle and sinter the metal and fusible material. A detection unit compares the first low-exposure image with the second low-exposure image to detect a motion of the subject.

1459827771-b89039a4-ed11-42c9-9c33-7d8bd0ea895d

The panel includes a water resistant barrier layer secured atop its outward facing surface. The system and method also provide for disposal of contaminants associated with the conversion process using a combustion chamber of at least one gas turbine. One or more servlets are initiated in the gateway server. The retractor can expand from having a very small diameter to a very large diameter. Such graphical representations provide the practitioner with valuable information characterizing the high order optical errors of the eye for use in diagnosis and treatment of abnormalities and disease in the eye. The invention allows for high joint torque levels with low frequency content, thereby enabling rapid arm movement without induced oscillation.

1459827771-d9a0fe59-79b9-4d79-bf1f-84ec8d060174

A duplexer formed on a piezoelectric substrate includes a low band side filter and a high band side filter, and has an improved isolation characteristic in a pass frequency band of the high band side filter. In a preferred embodiment, temperature sensors capable of measuring the temperature of body tissue and transmitting the temperature data digitally are incorporated in a catheter or probe ablation system that also includes electrodes in operative contact with the sensors. The dynamic signal is obtained by not sampling the voltage reference on every sample. The low-pass filter is used to filter the high-frequency signal portion off the power-amplified signal and output an output audio signal. Both of the gate electrodes of NMOS transistor Q11 and NMOS transistor Q21 are formed by the upper-layer electrode-use polysilicon layer 107. Also disclosed is a process of releasing hydrogen from a storage material including the steps of: providing a complex metal hydride; combining the metal hydride with an ionic liquid in a desired amount forming a mixture; and heating the mixture to a temperature releasing hydrogen wherein the temperature is lower in comparison to the complex metal hydride alone.

1459827772-23edb744-372b-4832-a8f3-d0ba8617e62d

A method of recovering overerased bits in a memory cell. The peripheral pixel state determination module determines a state of a flat area and an edge area at a periphery of a filtering target pixel in decoded image. A printer/copier includes a line cord connecting the printer to an AC power source for providing line current to the printer for printer operation.

1459827772-321ef904-7c0d-48b1-8f0e-162a07bdb7c3

Chilled coolant is prepared by liquid coolant utilizing the latent heat generated by a gasification of liquefied propylene, for example, and this chilled coolant is used in heat exchangers which are used in a process for production of acrylic acid or acrolein. The training system includes a server. A stacked semiconductor

component includes the semiconductor substrate, and a second semiconductor substrate stacked on the substrate and bonded to a through wire interconnect on the substrate. In use, the lock assembly prevents movement of the container opening assembly when the lock assembly is in the first position and allows movement of the container opening assembly when the lock assembly is in the second position. The combination of the grid and bias potentials corresponds to the desired ion implantation depth profile in the workpiece.

1459827772-5b68f12c-02e5-4ec6-af4b-3b0dddc914a8

The composition that permits spray dyeing of a cellulosic, such as cotton, fabric or garment. Summary statistics, such as the means and standard deviations of the differentiation metrics are used to describe a set of known image colorimetry classes. The controller can be malleable and symmetrical, and user interaction with the controller can be provided with substantially arbitrary orientation. Therefore, difference in thermal conductance is produced in the axial direction of the cylinder liner.

1459827772-8c21b4d9-bf63-4f16-9e42-480653cad6ee

The invention relates to compounds of formula :processes for their preparation, pharmaceutical compositions containing them and their use in the treatment of conditions or disorders which are mediated via the GPR38 receptor. Data generated is used to control the True or Apparent Density or Entrained Air content of liquids within optimum ranges, e. The driving skids are displaceably guided on two guides which are spaced from each other in the z direction. The switching transistor is turned off by application of a voltage to increase a channel resistance so that a current flows in the internal phase change material to operate the memory. Since the silicidation blocking layer consisting of PE-SiON is formed at a low temperature of less than 400 Celsius Degrees, it is possible to prevent diffusion and redistribution of impurities in gate and sourcedrain regions of a transistor during the deposition of the silicidation blocking layer.

1459827772-bfc08599-eccf-4ede-805e-8091aa68c5cc

Bisphosphonate compounds and related methods of making and using are disclosed, including pyridinium-1-yl, quinolinium-1-yl, and related compounds. The antenna weights are determined using an input covariance matrix, and the input covariance matrix is determined subject to a predetermined power constraint and a predetermined, non-zero interference constraint. By changing the intensity of an applied DC field the permeability of the artificial electro-ferromagnetic can be properly varied over a particular range of frequency. The protein concentration of protein solution is simultaneously measured, and the solubility, of protein is determined from the observation results of interference fringes together with the measured protein concentration and precipitating agent concentration. Furthermore, a composite assembly for processing a plurality of printed circuit boards and also a use of such a method and composite assembly are provided.

1459827773-2344ef08-f015-4a3e-8f28-795e73850b8d

A method and apparatus for enabling the non-invasive acquisition of physiological parameters of a mammal, while allowing the mammal to move around a predetermined area is provided. The plurality of baluns and the capacitor are built into a single chip. The administration of such molecules provides supplemental Creatinol with enhanced bioavailability and having additional benefits conferred by the specific fatty acid.

1459827773-2a55db9a-f6e4-4cfe-9565-013e54abf8f4

An apparatus to sense an SCR short circuit failure and prevent overheating of solid-state power supply equipment, such as a welder, during an occurrence of the short circuit failure is provided. The piezoelectric-resistor has at least one bend, and a metal wiring is located on the insulting layer positioned at the bend. The outlet portion of the channel introducing the second fluid to the space between

the treatment planes is provided with a plurality of split channels. Finally, a Fischer-Tropsch catalyst selected from the group consisting of cobalt, ruthenium, iron and combinations thereof is placed upon the second pore surface area. It thus may serve as an aid to law enforcement officials in identifying stolen property and prosecuting theft thereof. Three-dimensional conductor carrier layers can be easily produced by means of the inventive method in such a way that electronic components of different thicknesses can be introduced into the chip card body without entailing problems.

1459827773-cd72feaf-8ba5-4243-b556-e503a1e7bfef

A control device pivots an X-ray arrangement repeatedly between two final angular positions about a pivot axis. The braking effect of the first brake is adjustable with the aid of a first adjusting device which is turnable about an axis parallel to the axis of rotation and the braking effect of the second brake is adjustable with the aid of a second adjusting device which is turnable about an axis parallel to the axis of rotation. Each of these sets of values may be sorted, for example, by recent modification date, for presentation to a user. The position of each region is judged by determining which of a plurality of sections each image region is included in.

1459827773-ef5e27cd-ce92-4bbd-85a7-d96bc47d59b0

The present invention provides an apparatus and method for accessing data values in a cache and in particular accessing data values in an \u2018n\u2019 way set associative cache. The cleaning element is an abrasive material that is affixed to the underside of a weighted chassis that is suspended from a pair of articulating arms connected to the respective wheeled trucks. The presser is dismountable as a result of removable shaft.

1459827774-15c0c560-f6f4-412b-8ff6-aae57fe8e1d9

A mobile ad-hoc network may include a plurality of nodes for transmitting data therebetween and a policing node. The cell includes a first transparent cover that is placed on a first surface of the block and defines with the block of the cell a first recess groove of a first electrically conductive wire element. The halogen free flame retardant composition is a mixture of 20 to 90% by weight of magnesium hydroxide and 90% to 20% of powder B. This can be decoded using a diagonal matrix containing frequency domain channel coefficients on its diagonal entries after FFT. The metal inhibitor contains one or more types selected from the group consisting of aromatic compounds having a triazole skeleton and one or more types selected from the group consisting of aliphatic compounds having a triazole skeleton and compounds having any one of pyrimidine skeleton, imidazole skeleton, guanidine skeleton, thiazole skeleton and pyrazole skeleton.

1459827774-ac6520c6-dbf0-44d0-a7b8-d51ae89c2877

Energy efficient methods and systems for using multi-dimensional activity sensors with implantable cardiac devices are provided. A printer resident in a gaming machine is provided and has at least one communication port for communication external to the gaming machine. The device measures angle directly, avoiding the integration of electronic errors and allowing for higher performance in attitude measurement. A mastication iteration counting unit 41 detects peaks in periodical changes of  $S_d$  which is the difference between the output  $S$  and the moving average value  $S_{ma}$  of the output  $S$  and counts the peaks in periodical changes of  $S_d$  as the mastication iterations. The device has a top, a bottom, sides and a plurality of terminals, including a non-top terminal.

1459827774-ed91a571-bebd-4c73-b964-c720899c2696

An organic light emitting device includes a transistor having gate, source, and drain electrodes, and first electrode connected to one of the source or drain electrodes. The oscillator may include a first buffer stage a second buffer stage. The drive assembly includes a drive motor, a drive drum rotateable by the drive

motor, and drive cable connecting ends of the guide bracket with the drive drum. The processor electrically connected to the transceiver calculates a next report period, estimates a next reference signal received quality and adjusts a first threshold according to a variance of a reference signal received quality. The first backplate and the second backplate are electric disconnected and have venting holes to connect the cavity and the chamber. There are many advantages associated with the cup dispenser of the present invention.

1459827775-1671ffe7-fd0e-4a1b-80be-d0e55f6c2566

A method for managing a display space for a 3D environment is provided. During an impact, data from various sensors including lateral acceleration sensors are stored in the memory. The user feedback parameter for a given record may be selectively updated in response to detecting multiple accesses thereto by a user and/or in response to detecting that the record is the most recently accessed record in the result set.

1459827775-37700719-cc00-4b19-9d03-327e402e594a

A rosin composition includes a gum rosin, an emulsifier, and a randomizing additive. An extraction section 51 extracts one picture from each GOP. The angle of the V may be approximately  $115^{\circ}$ - $130^{\circ}$ . The storage assemblies are selectively coupled together. At another step, a firing chamber is etched into the orifice layer.

1459827775-ac4da6a3-06ad-414d-9efb-b40538c0e2b9

A trimmable resistor for use in an integrated circuit is trimmed using a heater. The system includes a processing unit and a storage device coupled to the processing unit. Each first coil has a first connection portion and a first coil portion connected to the first connection portion and extending along a first direction. If the judgment is YES, loss of fine texture in the image by dynamic range compression is significant. Ar1-Ar4 each independently represents an aryl group or a heterocyclic residue group.

1459827776-194e919d-fbbc-4fa6-b2c9-8f7624d7c05e

This invention uniquely partitions the pBIST ROM for storing program and data information. The plug housing has at least one plug-type connector with at least two plugging elements. , a finlike structure can suffer structural damage during chemical mechanical polishing steps. The signal is filtered with a filter having at least one high-pass filter and one low-pass filter connected in parallel. In a third control state at least two of said LEDs are connected in parallel while also at least two of said LEDs are connected in series. It comprises saponification of said alkylene terephthalates with an aqueous sodium solution, adding a sufficient volume of water to ensure solubilization of the entire alkaline metal terephthalate produced in the reaction medium liquid phase and crystallisation of the sodium terephthalate by concentration of said liquid phase.

1459827776-36f36b91-5c32-466a-bb0e-c2cb46a34f3f

Serial data transmitter circuitry on a PLD includes a number of features that enable the transmitter to support many different communication protocols under a wide range of circuit conditions. In an exemplary embodiment, the offering generated is generated for a secondary product or products which are associated or bundled with the primary transaction. According to the invention, the electrolyte matrix or electrolyte layer is applied to one of the half cells and sealing elements are provided on the sides of the current collectors laterally surrounding the above in a sealing manner, whereby an insulating layer electrically insulates each sealing element of a half cell with respect to the other half cell. In particular embodiments, the invention is a method for treating a patient infected with HIV. In the third laminated portion, the refractive indices of the high refractive index layers become gradually lower, and the refractive indices of the low refractive index layers are substantially equal to the lowest refractive index

of the low refractive index layers constituting the second laminated portion. Access, in part, is provided by a light baffle track system inside the light system that turns a flexible light baffle within the service box from a substantially vertical orientation to a substantially horizontal orientation as the flexible light baffle is removed and reinstalled through the service box and front access door.

1459827776-389be383-5b9f-4596-a08f-f00bdb94c381

A system and method for modifying images has an ability to assign color intensity values to pixels exposed during image manipulation operations. The composite can be used as a catalyst for the isomerization of an olefin or for the oxidation reaction of an alcohol. A high-definition pattern film having a desired pattern and a sharp edge can be formed with high productivity. When the damper closes it prevents convective outflow through the housing outlet of flue-heated air.

1459827776-7c3494d7-f87a-4efb-a4d1-19396e9e37d1

A speaker has a frame made of resin, a diaphragm provided in the frame, a voice coil mounted on the diaphragm. As an example, the removable component can be an ear tip. At least one attached biasing element urges the locking element toward the stationary jaw. The rotor seal may be laterally captured by a ring to prevent movement or creep due to heat absorption during operation.

1459827776-fd956617-ef95-4c63-a77a-739a703fb28c

A controlled free-radical polymerization process for forming end-functionalized polymers is disclosed, particularly by degenerative iodine transfer. The end wall remote to the scrap discharged opening of the chute slopes at an acute angle to organized scrap entering the discharged opening. As a result, switching is smoothly performed without involvement of occurrence of a variation in the output voltage before and after switching operation. The switch unit manages a table including an entry which includes an address, status data, and an identifier of a port.

1459827777-23be0c52-a2d7-442c-81a7-9933228484f0

An overlay filesystem is described. The inverter has a control unit which outputs an operation frequency to an actuation unit to divide the pulsating current to a plurality of electric pulse waves to drive a transformer to perform voltage transformation and drive a load. A cylinder block may be customized by the provision of an apron having appropriate components attached to the cylinder block, so that a single cylinder block can be used for a number of different engines. The polarization adjusting layer is formed and then etched to a thickness that repositions an optical signal within the active region such that the gain of the optical signal is independent of the polarization of the optical signal.

1459827777-ce07ca18-da27-4425-bdc9-b5e8c9e9dfc9

A tape feeder and a method of controlling the same are disclosed, in which an automatic feeding tape and a manual feeding tape are selectively fed to a binding device. The methods and apparatus include new ways of estimating bit decision boundaries and may also include new ways of estimating soft bit values. Both valves are shut to suspend patient ventilation for a period of time. A plurality of thin flexible elements are located between the back cushions and the structural shell, each flexible element being attached to the structural shell. The valve actuating member is supported by the rotor so as to be capable of making a translational movement of the valve actuating member in the axial direction with respect to the rotor, while a rotational movement with respect to the rotor is regulated. A method is described for assembling the stator core assemblies using discrete core component pieces in conjunction with back iron linking components or pieces.

1459827778-0808d026-e2fb-48c2-95c5-26cf1777310a

Provided is an architecture for an authentication engine to increase the speed at which SHA1 multi-loop and/or multi-round authentication algorithms may be performed

on data packets transmitted over a computer network. The pads  $P_i$  receive the continuous web  $W$ , and the cutter 30 cuts the continuous web  $W$  into a cut-off web  $W_2$  together with the anvil  $A_i$  positioned at a first relative level  $L_1$ . First and second digital output signals generated based on output oscillations from the first controllable oscillator and the second controllable oscillator are combined. This allows a standard MPLS switch to provide web switching functionality without terminating TCP connections. The unitary absorbent core is positioned between the first web and the second web.

1459827779-619324a2-3fa1-4ccc-9905-05dfa2743382

A circuit for a parity tree is disclosed. If the quality of the communication session degrades, the primary mobile station may involve a secondary mobile station by establishing a short-range wireless communication link with the secondary mobile station, e. The package body includes a material having thermal conductivity lower than thermal conductivity of a material constituting the encapsulation layer. Magnetic materials, which are formed on the insulated resin layers, sandwich the coil pattern. As the circuit components are encased inside the power module, it features a low profile, an increased mechanical robustness and EMIRFI immunity. Based on the discovered hidden concept layer and the corresponding conditional probabilities, the image annotation and the text-to-image retrieval are performed using the Bayesian framework.

1459827779-e71591a2-28d9-4576-b5f9-80923b894b1a

The present invention relates to a grain buggy assembly. Employing cryptography, for confidentiality or authentication purposes, when including a received message that has been incompletely received can lead to lack of context on the receiver's end. % B over closely spaced apart non-volatile transistors and heating during and subsequent to deposition to complete flowing of the B- or BP-HDP oxide into and filling the undercut regions on the sidewall spacers and to densify the B- or BP-HDP oxide.

1459827780-1dbc1894-4937-4d00-8bf8-d84213999237

Improved polys with superior melt stability, lower gel content and lower color and a new process for their manufacture. The laser machining systems and methods may be used to scribe one or more lines in large flat workpieces such as solar panels. The present invention also includes methods for cloning an expression vector containing the DNA fragment or a portion thereof and for producing the recombinant enzyme. While the socket is completely accommodated in a socket accommodation chamber, each first protrusion is positioned below the corresponding first engagement projection.

1459827780-ef03aeac-ee7e-4152-99eb-64d6a0b0ca45

A maintenance cart for use in an aircraft interior is disclosed. In one embodiment, the cutting chain can include chain links having a debris trap for hindering the entry of debris onto bearing surfaces. The AGP uses a graphics address remapping table for mapping memory. The system includes a plurality of measurement zones arranged in series along a process direction of the machine. In the displayed compound diagram, the graphical data flow diagram may be connected to the system diagram, e. In one embodiment, the circuit includes: a switch coupled between a voltage source and the node, a pulse generator coupled to the switch and configured to generate a pulse to control the switch and a detection circuit coupled to the node and configured to detect a signal level at the node on closure of the switch.

1459827780-ffd4d3b6-de80-42d2-972e-43b31e7d5c74

Embodiments of the present invention are directed to a biological marker, the gamma isoform of protein kinase C, which surprisingly allows rapid identification of compromised cognitive, behavioral, and neuropsychological functions under conditions associated with acute, transient hypoxia in humans. A chopper wheel modulates low energy components of the beam while leaving the higher energy components substantially unmodulated. The system may display the document with a

non-secure overlay of the selected security template, add a unique security element to the document according to the template, and cause the document to be printed at the selected print device with the added security element without permitting the added security element to be fully displayed or printed on any other device.

1459827781-2772d157-880c-4f2d-bb2f-fee054ec030f

A machine for filling containers, including a plurality of filling spouts, and a cleaning device comprising a plurality of individual tubular collecting elements rigidly mounted on a collection tube, and a device for moving the collection tube between a retracted position and a service position in which the collecting elements are in contact, via the upstream ends thereof, with the filling spouts. The container is supported by the platform on tables that are automatically positioned and maintained in operative alignment with the crane spreader bar through which the container is transferred to the crane boom in response to location indicating signals from a sensor grid on the platform. The body may be configured to rotate about the axis.

1459827781-a49ae348-8239-44d0-b8b4-b5a618793adb

A serializer-deserializer instantiated in configurable logic of an integrated circuit is described. The wastes are gasified in a fluidized-bed reactor at a relatively low temperature. A first heat treatment is then performed to reduce the hydrogen atom concentration of the amorphous silicon layer. In some cases, it may be used to dilate existing microchannels within occlusions.

1459827781-e2af0874-1342-4673-b55c-783688e481de

A device, method and system for sensing the temperature or temperature change of an environment. Remote controller makes RF communication with the display device so as to obtain device information and includes a display panel that displays the device information. The slider is formed using three etch depths.

1459827782-3986d30c-a242-4a75-8fda-80cd4392864c

A drill head for rock drilling comprising cutting edges made of hard material, which is detachably connected axially, over a bearing surface, with a drilling shaft with at least one radially projecting driver blade by a bayonet-type connection slot, wherein at least one connection slot is present, which forms two axially opposing undercuts, within which the driver blade has limited axial movement. The invention provides a constant current device that maintains a constant current over an applied voltage range of at least approximately 700 mV. In this embodiment, the identity provider element also authenticates a second endpoint of the push pathway, determines an authentication token associated with the second endpoint, and determines a handle for the push pathway in response to a successful validation of both the authentication token associated with the first endpoint and the authentication token associated with the second endpoint. Embodiments using multiple filter media and embodiments achieving a low pressure drop are also disclosed. The file-type of the file is updated if input/output operations occur within the first position of the file.

1459827782-3fc91888-36bb-4439-a258-a505e6618e7d

A calculator for calculating an opened amount of a throttle valve with high accuracy regardless of voltage fluctuation and noise. The input operation section of the input device is not only for data entry by users, but also for transmitting sound vibration. Working of the macromolecular crystal is performed by means of ultraviolet short-pulse laser light that is focused on and caused to irradiate the surface of the macromolecular crystal 8. To this end, a component of the suction air flow, which is located in the direction of extension of the dosing chamber, empties said dosing chamber.

1459827782-84229383-76aa-4b47-89ec-6adf9640e460

The present invention is directed towards shock protectors for a pedestal suspended



over a lower surface by a plurality of gimbal springs. The data communications signal line is in a high impedance powerless state when idle. The terminal client further comprises a connector component configured at least as an interface between the distributed client component and a network infrastructure suitable for forwarding and receiving messages.

1459827782-baf1a3cc-ab6b-427b-90cc-7b10ce3f3218

The present invention provides for a linear lighting apparatus. A substantially elongate and substantially rigid first member is spaced apart from and coupled with the first fabric via the second fabric. A breach of a resource may be the failure of the resource, the unavailability of a resource, the underperformance of a resource, or other problems with the resource.

1459827782-d6611a47-483b-4c54-ac48-61d2f80d34a4

A system and method for enabling a network device to resume network activities in a secure manner on a communication network when network activities are generally blocked by protective security measures implemented by network security modules is presented. The WASP system includes a host computer system connected through a serial bus to a remote device. The x-ray source is pulsed at selected angular location, e. The invention includes, in addition, processes for the preparation of the solid and liquid formulations, and their use.

1459827783-00c6911f-3dda-4696-8179-0e2201aa3f1d

A grooming switch comprises plural input ports for receiving multi-time-slot input signals and plural output ports for forwarding multi-time-slot output signals. After the insert has been secured within the arrow shaft, an arrow head can be secured to a connector on the insert. A floor of the cargo carrying portion includes a movable cover to provide access underneath the cargo carrying portion. A memory substrate 12 present inside can be visibly observed from the exterior through these notches 19A and 20A and the transparent substrate holder 13. A video signal voltage is applied to the cathode, and a variable voltage is applied to the grid electrode or accelerating electrode. From the combination of the three air streams the nozzle can produce fine water droplets that are suitable for many uses and more importantly creates a tailorable water mass profile.

1459827783-84d61258-bcb4-402a-93ce-22c39526353e

A memorialization casket comprises a shell, a lid closable upon the shell and an alcove structure mounted to an under side of the lid. Sometimes, when desired playback speed is faster than normal, a DVR is forced to select some pictures to play and some pictures to skip. The call is placed on hold in a hold queue until a representative of the call center is available to answer the call. The flow-splitter tank divides the incoming wastewater flow into two streams, which are conducted to the first and second wastewater treatment zones, respectively. Through introduction of the adhesive via the central opening enables a flow to the outside, without interference from the metering needles, when the DVD halves rotate. Including the use of such compositions to clean and/or treat a situs.

1459827783-b1ac241c-1493-4a93-ba24-203a4aa51c41

An anisotropic coefficient of thermal expansion cathode of a solid oxide fuel cell is formed by placing a layer of perovskite powder between two platens, and sintering the layer while applying pressure to the platens, thereby forming the anisotropic CTE cathode. An electrically operated sensor is mounted in the interior of the handle and is connected to the current supply of the vehicle. A first amplifier may be configured to receive the remote control data transmissions from the set top box communication module and amplify the remote control data transmissions on a plurality of remote control communication channels.

1459827784-3b247d47-97c3-46a7-b51f-307387693bad

Optical modules and a method of precisely assembling the modules are provided. This

copy management switch is connected to the computer, a first storage device, and a second storage device over the network. Some implementations of the invention compensate for phase wandering near the laser source and before the output of the laser is directed toward a target. Also disclosed are pharmaceutical compositions that include the compounds. This allows the operator to change the drive motor speed range during travel.

1459827784-6a9b65bd-836c-4f94-97d8-12a886623444

Disclosed is a clothes dryer comprising a drum rotatably disposed in a body; and a roller disposed below the drum, and configured to support the drum. The syringe carrier includes at least one rearward facing abutment member to abut at least one forward facing surface on a syringe. Compounds of the present invention are described by formula I: in which the R-groups are herein defined, together with their pharmaceutically acceptable salts, therapeutic methods for their use and processes for their preparation. The technician then takes the telephone off hook, aligns a speaker of the cellular communication device with a microphone of the telephone, and aligns a microphone of the cellular device with a speaker of the telephone such that the telephone and the cellular device are acoustically coupled. Then, the original corresponding to the first side is read and data thereof is printed on a paper sheet having the same size as the original and the sheet is discharged.

1459827784-8336d9c5-a650-45eb-a9d4-3973949b527b

A method of manufacturing a semiconductor device includes forming a silicon germanium layer and a N-channel transistor and a P-channel transistor over the silicon germanium layer. The multi-channel noise suppression systems and methods are configured, in at least one example, to first detect and suppress wind noise in the input speech signal picked up by the primary speech microphone and, potentially, the input speech signal picked up by the noise reference microphone. The method employs a multi-dimensional approach for the simulation of postulated operational events or an anticipated operational occurrence which produces a transient condition in the reactor such as might be caused by single operator error or equipment malfunction. The treated syngas and a first heat transfer medium can be converted into a synthetic gas, a second heat transfer medium, and a methanation condensate.

1459827784-8dfc8385-c0ea-4f44-a664-46b66cd0bf36

Disclosed is an apparatus for measuring respiratory gas flow, which provides a high accuracy in measurement of the respiratory gas flow and reduces the manufacturing cost of the apparatus, in comparison with the conventional disposable apparatus for measuring respiratory gas. The web is the portion of the corrugation which runs from the peak to the floor of the adjacent valley. Thereafter, the new direction of magnetization of the free magnet is sensed. The first trace is joined with the second trace at the memory controller, the second trace is routed in parallel with the first trace, and the second trace is longer than the first trace. The intermediate gray scale image is rehalftoned and combined with the non-half-tone image to form the repurposed image.

1459827784-e2fefa78-6acb-4c98-a26c-c36bfb3abf14

The present invention is intended to prevent a light-emitting diode from emitting light continuously in the case when the level at an input terminal is fixed high because of software or the like and to avoid various problems, such as battery exhaustion and breakdown of the light-emitting diode, in PDAs, cellular phones, etc. A second adsorbent bed may be employed to more thoroughly remove these oxygenates. The ECDU includes a digitizing display that includes a video display for imaging to participants the various documents involved in the transaction and a digitizer for allowing participants to sign, indicate choices, and otherwise interact directly on documents and images presented on the display.

1459827785-6ca487ec-7b6a-40a2-be42-949b5b40c9dd

A lateral MOSFET according to the present invention has a trench gate structure having a cross sectional shape spreading toward an open end. A connector located between the rods engages each of the rods. The air conduit is movable between a first position and a second position, the fan and motor inflating the inflatable body when the air conduit is in the first position, and deflating the inflatable body when the air conduit is in the second position.

1459827785-a1022a3f-de91-442f-b0f0-a7ab24f8080a

In accordance with the teachings described herein, systems and methods are provided for optimizing distribution of advertisement information. It is preferred that the original agent is presented with a list of the best-suited agents with which to consult, if needs be. The flow is then directed into an open cavity which is in fluid communication with the inlets of the fuel flow fields of the fuel cells, reaching the fuel flow field inlets uniformly and simultaneously. While the latch first input is connected to the first reference voltage, the latch is reset. The latch uses an improved housing configuration in conjunction with improved internal components, allowing for more consistent and reliable operation.

1459827786-7e9eea71-83f3-4bb8-b1e9-39fab70b6d8

A tire carcass to be used with any type of tire is shown herein. The substrate for printed wiring comprises an aromatic polyether-typed polymer having a glass transition temperature, as measured by differential scanning calorimetry, of from 230\xb0 C. The remaining application resource files can be replaced with application resource file placeholders, which can have the appearance of application resource files but are in fact empty files. The bottom plate has a plurality of internal apertures are aligned with the printed circuit board contact pads separated by bottom plate stanchions that are aligned with the device under test contact pads.

1459827786-7ec04022-4e74-4bc9-b3ff-51bdfce237e1

Methods and arrangements for identifying content, and employing such identification, are detailed. The slidable housing receives the mating portion at the first end and the slidable housing is adapted to slide along the mating portion and engage the mating portion. Multiple gun control parameters are stored as unique part coating recipes in the controller and are executable in look-ahead sequence based upon part identification as parts are conveyed toward the spray guns. The spark gap structures may be implemented by circuit board traces, by electronic circuit component leads, by spaced apart structures such as heat sinks or by other discharging components. Techniques include determining wavefront information from the eye of the patient with a wavefront eye refractometer, determining anterior corneal shape information from the eye with a corneal topography device, and combining the wavefront information and the anterior corneal shape information to determine the ablation target shape.

1459827786-c55cc955-fd22-46d2-b06d-523a22a63a64

A power system housed in one or more modules or containers may be located as a unitary structure where desired, for example secured to a locomotive platform, allowing easy retrofits. A body of Jesus is crucified upon the cross, the head of Jesus tilting upwardly whenever the lamp is energized and tilts downwardly whenever the lamp is deenergized. A second sensor unit at the gas inlet provides a second measurement value based on an acoustic property of a gas present in the second conduit. The first set of wires are aligned in one row and have inner conductors electrically connecting with the tail sections of the first set of contacts.

1459827786-ff119282-8d24-48f6-b415-f69b8b646df8

Provided a port member for an infusion solution bag that is capable of suppressing occurrence of gaps or wrinkles in a sealed portion in a manufacturing process, and preventing damages to resin sheets of a bag body during storage or transportation.

A handle is attached to the cleansing cloth to carry and operate the cleansing cloth. Based on the estimated image deformation amount, a deformed image of the first image is generated. A column redundancy selection circuit activates an enable signal according to a block address signal when all row hit signals are deactivated.

1459827787-7be62439-7114-4e15-a317-7cfd317a08e1

The structuring unit is composed of a wall surface member for the construction with a mounting cavity formed therein, such as a stone, and an anchor mounted on the wall surface member for the construction through the mounting cavity thereof. The device includes a belt having a tactile gripping portion for removably adhering to skin. In addition, by improving the robustness of the structure, the reliability of the card reader is increased leading to the ultimate goal of extending its operation life. The deck assembly defines a cavity between the upper and lower decks.

1459827788-312243d5-665a-48c5-bda0-db91d6c45d8f

The present invention provides a method of manufacturing an image display device in which a panel member constituting a panel of an image display device is transferred to a plurality of processing chambers each having a temperature control unit, and subjected to a plurality of processing steps under temperature control. The invention comprises a data-based, model-free, non-invasive method that can automatically detect and quantify stiction present in control valves. The logical input of the inverting circuit is split into a pair of physical inputs. Other aspects of the invention comprise a method for manufacturing the above-described chemical mechanical polishing pad and chemical mechanical polishing apparatus comprising the chemical mechanical polishing pad. In at least one embodiment, an energy storage medium provided for EMC considerations, in particular a capacitor, is energized in a controlled fashion through short-term activation of a switching element even after the respective connected user is turned off, the energy storage medium being thereby discharged. Each disk assembly has a number of disks.

1459827788-49047f5f-50fb-4e72-ac31-a310d6beb09f

A method of driving a polarization switch is provided. The interface provides multiple levels of filtering and screening capability with query parameters presented within a first portion of the interface to permit comprehensive and flexible selection of message entries of interest to a user. The back wall upper portion has a bottom edge and leaves an opening below the bottom edge through which the bottom of the battery can move rearward out of the cavity. This increases system efficiency by more effectively returning oil which otherwise might be left in the evaporator back to the compressor. The lamp driving apparatus of the liquid crystal display comprises a plurality of lamps, and an inverter block having a plurality of inverters that supply a drive current to the lamps wherein adjacent lamps have a different phase from one another. 1x client, an IP packet filtering is configured to redirect a user HTTP request to a local server, and when the HTTP requests are thereby redirected, the HTTP server presents the terminal device with information specifically related to the browser based authentication.

1459827788-5afab57f-a5ee-449d-a680-c51d7cd6e0df

A computing device comprises a memory to store a first version of an eXtensible Markup Language message, a receiver to receive a second version of the XML message, a processor and a display interface. This combination of processes will effect conversion of suspended organic materials into hydrocarbon liquids or gases depending on the mix of the temperature, pressure, and residence time in the reactor. The pseudo link manager includes: a line monitor and a disruptor.

1459827788-8759600b-fb4d-454f-b0fd-259fdb584fa4

Seamless connectivity by a user device between a licensed and an unlicensed network is provided through capturing of MAC address information relating to one or more

access points servicing the licensed and/or the unlicensed networks. The central lumen is maintained in a circular shape without bulges diminishing the useful inter-diameter by using an outer jacket with an elliptical shape and uneven thickness to encase a pull wire. The electrode system can reduce or eliminate motion artifact from an electronic signal that can result in misdiagnosis, prolong procedural duration and inappropriate treatment of a patient.

1459827788-b22a554b-da83-4a67-b9cd-4acd87482065

In mobile communications systems transmission antenna diversity is used. The system comprises three essential elements: a multi sensor, an electronic analyzer and an optional receiver. Next, the re-drawing product is drawn to form a late-drawing product in the shape of an elliptically cylindrical container having an elliptical cross section in which a major axis and a minor axis of the elliptical cross section are reversed with respect to a major axis and a minor axis of the elliptical cross section of the first-drawing product.

1459827788-cc2d6712-3536-4550-865f-22d7ab27419d

A method and system for managing financial risk through the use of postpaid processing during use of wireless services is presented within the scope of the following invention. In one embodiment, a mobility manager can query a subscriber catalog for a current registration status of handset. A carrier carries the carried object in the case. Violations are detected by applying a License Plate Recognition algorithm to the images.

1459827789-6a9c3fde-5991-4918-8726-a0917a82e4b3

This disclosure relates to filter based object detection using hash functions. From the single input, operating parameters for the welding-type process automatically are set or otherwise determined. The network selectively couples content sources to the content processor. Thus the method is especially advantageous for manufacturing a metal cover having a three-dimensional shape. The conductive particles cause the resins to be electrically resistive. Some of the stream parameters are unchanged while others are re-computed for the outgoing video stream.

1459827789-9d446983-950a-4456-90b5-43fc6f7f15b9

A composition for coating an optical waveguide, more specifically, an optical fiber, and optical fibers coated therewith. The insulating layer is provided to impart a relatively large tensile stress to the NMOS transistors. Hand grips flank the removable seat and are attached to a rear accessory panel. The sensor SS is discharged via a discharge circuit having a lower impedance. A second conductor is provided that includes at least one wire formed in a spiral extending continuously through the resilient body, and having electrically accessible first and second ends.

1459827789-b0ac41c3-3b59-4067-bc5a-418cbb694224

A prosthetic tibial component for a prosthetic total knee joint includes two constructs, one being a metal base that engages a bone and the other being a polyethylene bearing that attaches to the metal base and articulates with a femoral prosthetic component on an opposing side of the joint. Monotonic and slowly-varying image regions are detected by analyzing a residual image which is the function of the original image and its smoothed version. On the injector body, for stroke and/or pressure control of the injector, a first slide and a second slide are embodied, offset from one another. The second group moves for zooming on an optical axis, and the fourth group moves on the optical axis in association with the second group for correcting an image position fluctuation incidental to zooming. Conductive layers thus formed and coupled discharge accumulated static charge over the insulating layers inside the device to the outside circuit. A pair of islanded floating gates are disposed on the gate oxide layer at the active area, with a gap between the pair of floating gates and the pair of selective gates.

1459827790-164f8971-b31f-4628-bb0b-c07c44e21b69

A base station for a wireless communications system having a tower-mounted amplifier system with a low-noise amplifier transistor and a thermoelectric cooler that reduces the operating temperature of the low-noise amplifier transistor. The actuator system may include: a first pushbutton configured to turn the rotary member in the first direction; and a second pushbutton configured to turn the rotary member in a second direction, opposite to the first direction. The binding substance may comprise an immunoglobulin antigen binding site and may be a diabody. A large plurality of the daisies can be connected together to form a generally planar element. The vacuum bag is enclosed between a housing and a lid secured thereto, and the lid is removable to allow access to the vacuum bag. The communication server also has a voice-over-Internet-protocol unit connected to the message transfer unit, so that messages are transmitted through the communication server in a VoIP format.

1459827790-4e498218-ac82-4b82-b3b4-528a0a8ca429

An electron beam apparatus prevents a rapid increase of dosage caused by stoppage or deceleration of movement and protects the specimen when the specimen is irradiated with the electron beam while the specimen and the electron beam are being relatively moved. Two vaccinia virus CD8+ T cell epitopes restricted by the most common human MHC class I allele, HLA-A\*0201 have been identified. A combined gain of the one or more gain stages determines a signal distortion attenuation characteristic of the analog segment. The actuation assembly engages the pins as the pins move relatively toward a head block and disengages the pins as the pins move relatively away from the head block. The switching power supply oscillates between charging and discharging the power transformer.

1459827791-1756a140-1d17-4844-b720-d8d7e3f07ccd

Apparatus, and an associated method, for facilitating communication of data in a packet radio communication system to effectuate a packet communication service in which packet data is communicated at a variable, selectable rate. A user interface uses metadata of digital objects to navigate through a data structure that includes multiple containers to organize digital objects, such as digital images. An upper electrode which is additionally used as an upper magnetic shield is electrically connected to the free layer through an upper metal layer. The external guidance system sends location signals indicating a location of the implement frame to the operator. The process can also be used to manufacture articles having cube corner elements in which at least one face of the cube corner element has two constituent faces disposed on opposed sides of a transition line that is nonparallel to a nondihedral edge of such cube corner element. The third generating unit generates, per the first and second ink color data of which the signal values have been corrected, the dot data representing existence of formation of dots to form an image.

1459827791-aef730ab-e11b-448f-b71b-0f8ba59a7fa7

A preferred embodiment of an automotive convertible roof system has a flat-fold boot cover. The filters can be used to remove debris and impurities from the fluid flowing in the pipeline during a pigging operation. A deep trench capacitor and a control gate are disposed in each deep trench successively. This floating gate is placed sufficiently close to the source or drain of the device as to enable band-to-band tunneling.

1459827791-d57dfd62-93f2-4fcb-95cd-1809ba08fd13

A water-degradable welding purge dam for purging a weld zone of a pipe assembly comprising first and second pipes having respective first and second ends to be welded together at a root gap. This flip-flop circuit comprises a first latch circuit including first and second inverter circuits. The pressure in the measuring chamber is changed, the electrical conductivity of the liquid or a variable depending thereon is measured in the measuring chamber at at least a second

pressure value  $p_2$ , and a second measured value  $S_2$  is detected. The first end of the elastic cord device attaching to the lift cords of the window covering device.

1459827792-6d13b3fe-6518-4240-9268-79bdbd22c388

Methods and apparatus for delivering prostheses to body lumens, such as stents and grafts to blood vessels, utilize a delivery device which carries one or more linearized elements. With  $K$  synchronized terminal units transmitting on  $N$  antennas to a base station having  $M$  receive antennas, increased system capacity and improved performance are attained by using a concatenated coding scheme where the inner code is a space-time block code and the outer code is a conventional channel error correcting code. The distributed RC filter is operable to provide decoupled capacitance to the integrated circuit chip.

1459827792-cba44a53-c026-4981-b6e4-3404ed284732

A method of determining the availability of at least one of a plurality of different services in a wireless communication network comprising at least a first station and a second station which are in communication has the following steps. The diffusing portion is disposed parallel to the linear light source and has a grooved diffusion surface facing the linear light source adapted to reflect light from the linear light source toward the light guide portions. The connections are established by configuring, in various of the nodes, mappings for forwarding data frames, such as Ethernet frames. An external surface provides a surface for advertising or other written information. Preferably, to provide structural integrity, the bench step is formed from a single sheet of metal, such as aluminum, with each element of the bench step being formed by means of a bend in the metal.

1459827792-fcc20d4a-46ed-4cbe-afe7-72233067b067

This invention is directed to a printing apparatus and printing medium roll-up state discrimination method of printing using a rolled printing medium while reliably rolling up the printing medium after printing and accurately detecting a roll-up error. Methods of use and control of the device are also disclosed. A first flexible cylindrical sheet in contact with the inflatable tubes has parallel edges that form a first slit sufficiently wide to permit movement of the first sheet in response to pressure variation in the tubes. In an exemplary embodiment, signals are communicated between a cell-site and mobile units using direct sequence spread spectrum communication signals. The user device then displays the adjusted version of the first image resource in the image display environment in place of the expanded version of the first image content item. The first client, using an appropriate network address, links to the first program and receives a copy of several mapping objects, enabling the first client to provide certain map functions independent of the server.

1459827793-4e4f51f6-300a-4342-a4a1-0962b668792d

A telescopic lens barrel which is capable of increasing the assembling workability and advancing and retracting a lens in an optical axis direction of the lens barrel with high accuracy, without miniaturizing of the lens barrel. The digital horizontal/vertical signal generator generates a digital horizontal/vertical sync signal from the data enable signal. The outer conductor part and the inner conductor part are connected to a contact coupling sleeve so that they can be axially displaced in relation to one another. The inverter regulation regulates the corresponding inverter such that the sum between the differential voltage and the differential current is a minimum. The ability to specify the policy for the management of a system and then automatically generate an equivalent implementation greatly improves the quality of software, the survivability of future missions, in particular when the system will operate untended in very remote environments, and greatly reduces development lead times and costs. , idling and/or overrun, a selection signal is supplied; when this selection signal occurs, the sensor signal supplied by the NO<sub>x</sub> sensor is interpreted as at least a measure of the reagent leakage.

1459827793-7179b72d-77f0-490b-91d5-7cd650a2b2fd

The present invention discloses a data storage method, a data downloading method, and a related apparatus. According to an example embodiment of the present invention, a portion of substrate is removed from the back side of a semiconductor chip having a SOI structure and a backside opposite a circuit side. The upper chip surface defines a chip face including a chip former comprising a wall extending downwardly from an elevated plateau to a cutting edge having a plurality of chip forming grooves and a rib formed between adjacent chip forming grooves. A selection unit receives the power indication signal and the adjustment signal. The refractive indices of the lens, the dry mount adhesive, and each removable layer are matched to within about 0.

1459827793-7578dc91-e397-4321-9311-9a7fd8f736c3

A dielectric deposited on a substrate may be exposed to a salt solution. The switching control circuit includes a control circuit coupled to the feedback signal to generate a switching signal. A control unit, which acts on said motor-driven units and is able to control said motor-driven units with a speed that is selectively determined in such a way that the rollers of the array are divided into a first set of rollers, which move at at least one first speed, and at least one second set of rollers, which move at at least one second speed. Such a treatment is extremely durable on such substrates; after a substantial number of standard launderings and dryings, the treatment does not wear away in any appreciable amount and thus the substrate retains its antimicrobial activity.

1459827793-b262f00b-5817-4117-9689-fd679746e3d4

An adaptable audio instruction system and method allows for tailoring and modification to audio sequences used for audio instruction of users. The peripheral has a symmetric key and a copy of encrypted according to a public key of an entity)). The integrated circuit rate converts recovered serial data in one of the clock domains, performs a phase alignment at the converted data rate, and returns the rate converted and phase-aligned serial data to the recovered data rate in response to the recovered clock from the remaining clock domain. The engagement members are only in contact if the airbag is fired. Then, one glyph is selected from the captured character.

1459827794-0e1c99aa-cb3a-4473-bbed-b104f6fb8d22

An information storage medium according to an embodiment of this invention includes a management area for recording management information, and a data area for recording content data. The parameter encoder also generates enhancement bits, which are preceded by the basic bit-stream, from second pulse-related information for odd sub-frames. % of one or more carboxyl-functional components A) and 80 wt. The planting assembly links the forward gauge wheels with the rear press wheel assembly for reciprocal motion to reduce the trench depth displacement when either a gauge wheel or a press wheel travels over an obstacle. The pivot arms are pivotally mounted to the wing frame segments by a rock shaft.

1459827794-c67703d7-7ed3-4d06-b7d7-bc33770d12a4

A magnetic holder for cell phones includes a cup formed of a ferromagnetic material or the like within which a magnet is supported. The system includes a means for tracking the behavior of a person in a predetermined area under surveillance after the activation of an alarm clock, and a means for determining whether the person is motionless for a predetermined time period. The factor identified by the credit bureau is mapped to an internal rejection code. A segment from the plurality of segments is decoded into a sub-image. The media output option may include a plurality of output trays, each output tray having a dedicated light source, user alert display, and sensor. The invention also provides preferred dosage and infusion regimes and pharmaceutical compositions for clinical application of such agents.



1459827794-ea839482-a80b-4fe2-8899-88a67cdb7d03

An intelligent power distribution system including one or more intelligent power strips. The invention especially applies to the domain of skin protection and more especially against cutaneous consequences of oxidative stress. The swing characteristic of the latter allows the plate to be mounted and demounted with the plate generally horizontal, but as the support platform is rotated, it swings up through approximately 90° so that the wells are now substantially horizontal and the plate is now substantially vertical, so that centrifugal force pins the liquid at the bottom of the wells. As a result of structural non-uniformity in the cholesteric liquid crystalline structure, the light that is selectively reflected is diffused. The solids separator includes a solids conduit leading to the annular fluidized bed of the reactor. Interface description documents define the appearance and the behavior of the user interface toward the user, while feature description documents define the interaction of the user interface with the interfaced-to application, both in conformity with a user-interface object model.

1459827795-b230c422-e64a-4182-a756-22a9ced36331

Machine for the production of flexible material sheets comprising at least one folding unit housing at least one cutting cylinder, to which a suction cylinder is opposed, and a gripping cylinder for transversal folding and/or conveying flat products by suction. The financial data file can comprise the complete, original MICR data from an original or substitute paper check. The supporting member can further fix the tool onto the pellicle particle detector. The lighting device, upon being overlaid with a graphic and surrounded by a frame through which the graphic is visible, provides a vehicle lighting assembly securable to a vehicle substrate. Accordingly, low-E coated articles of certain embodiments of this invention appear from the glass side thereof visually similar to the naked eye both before and after heat treatment. The computing task is then performed by the peripheral, thereby saving computer system resources for other computing tasks.

1459827795-cb05185a-3c5f-4b16-8057-5ae714eddb64

A roofing composite comprising a roofing material and an interply material attached to the roofing material. The device comprises an adapting plate which includes vertexes, bores and a traverse opening. The device may measure several tubes at once.

1459827795-ed182216-5158-40ea-be04-9bfd41e7d5f3

Provided is a hybrid passive optical network system. Golf balls of the present invention have at least three layers, including an inner core layer, an outer core layer, a cover, and optionally an intermediate core layer. 1 for the individualized-connection determination of the currently allowed transmission rate of ATM cells is inventively realized with the assistance of list parameters, whereby the list parameters indicate the plurality of current intermediately stored transmission rates and their size relationship relative to one another. Power reduction is accomplished by adaptively truncating active taps in the NEXT, FEXT and echo cancellation filters, or by disabling decoder circuitry portions, as channel response characteristics allow. When water in the pipe freezes and expands, the pipe and the plates are elastically deformed without injury.

1459827795-f2e6eac6-dd6a-474b-bdd1-74c43565cf35

A housing comprising at least one electrical connection through a housing wall that is particularly inexpensive to produce and allows the electronic components located on the internal face and the external face of the housing to be attached in a particularly variable manner. A glare reduction device is connectable to the protective device to provide glare free viewing of the LCD screen. The use of a plurality of distinct gain spectra greatly enhances the tuning range of the tunable laser in the present invention. This provides for convective cooling in an efficient manner, while minimizing the profile of the electronic system.

1459827796-5fd94c80-5f94-4413-9f15-264e738b615e

An advertising system is disclosed which is capable of balancing the degree of specifying geographical areas for advertisements and the number of advertisements being displayed, in accordance with content of the advertisements. According to the method, an amount of the infrared light is directed to be incident into an imaging apparatus attempting to record an image from the screen, increasing a pirating prevention effect. The logical states of the storage elements are decoupled from one another and are read independently. The compositions are useful as molecular sieves, supports for catalysts and numerous other applications requiring an organo group on surfaces of a silica. To guide the breakdown locations within the dielectric, one or more voltage gradients are generated within the antifuse element to concentration current flow. The valve main body includes an insertion hole into which a guide member is inserted and a stopper portion to stop the guide member biased by a pressure of the fluid.

1459827796-e447cee6-6a8d-4fe1-84ea-86bac385fe9d

A system for processing a data signal includes a first decoder unit, such as a convolutional decoder or a QAM decoder, for receiving the data signal, decoding the second level of encoding and outputting a decoded signal and a first error indication signal indicative of errors in the decoded signal. In another embodiment the physical attributes of the object are utilized as a key for accessing information included in a digital watermark for the object. The first and second components are configured for slidable movement therebetween while preserving common rotation so that when the second component is axially moved in a distal direction, the second component deflects the preformed curvilinear section towards the main axis while orientation of the outer shaft is preserved.

1459827797-04031e9f-0e25-4685-9125-d51aa2cdd247

A method, system, and related apparatus for performing time-divided communications in a metering environment are disclosed. The pores of the surface covering are sized such that blood platelets are prevented from contacting the surface of the electrode while physiological fluid is allowed to pass through and contact the electrode surface to hereby provide a conduction path for current from the electrodes. The direction may correspond to an angle range, where the ratio of the gradients corresponds to a trigonometric function of the angle of the edge. The first communication hole is arranged at a circumferential direction position different from the second and third communication holes to ensure that the low-pressure connecting pipe and the intermediate connecting pipe two dimensionally bent in a circular arc shape do not interfere with each other.

1459827797-124e8a23-6ca3-4219-ad58-792256547111

A grommet for securing a tube includes an oval hole having a wide portion and a narrow portion, a recess located between upper and lower shoulders surrounding the hole, an inclined surface to guide the grommet into a mounting hole, and a lower surface that can be engaged by a connector on the tube. and an exhaust pipe made of this titanium material for an engine. Furthermore a pulse current generation circuit converts a synchronization pulse voltage signal into a pulse current that alternates between positive and negative current values. A second index creating unit is configured to create, in a time interval after the current time interval, a second-level index for data in the current time interval. A difference between a first inductance of the first winding and the mutual inductance is smaller than a difference between a second inductance of the second winding and the mutual inductance. 1 to 4, as polynucleotides having polymorphism sites capable of being useful indicators for prediction of validity of interferon therapy.

1459827797-7fc2648a-50e3-4093-a662-e0050f184d88

One aspect of the present invention relates to optionally substituted halogenated benzyl halides and the like. New entries to be added to the database are determined

responsive to the traffic on the network during a learning period. The request includes a parameter describing a configuration of the second device.

1459827797-a275e351-f5d5-4061-a199-ddd0f16bb50f

A method of correcting scatter includes obtaining a voxelized representation of a 3D image of an object from a plurality of projection data. The image data may be re-rendered using only the primary and secondary colors. The remote translation control entry table on the hosted partition is loaded with data from a hypervisor in response to requests made by the OS running in the hosted partition.

1459827798-733fe2a8-d1bd-4d43-a8a4-ac0b35b1e480

A method for assembling a washing machine is provided. A result set is generated by querying the database, forwarding a link associated with the result set to a user-preferred remote location, the link being sent in an electronic message. The buckle sheet is engaged to the upper cover. Furthermore, the management server provides a user terminal with server information including a parameter associated with a noise amount of image data from a user terminal. Additional air freshening and cleaning, deodorizing, odor neutralizing, scent applying, fungicidal, bactericidal, and/or germicidal chemicals or materials may be applied to either or both filter elements. The primary and secondary processors each include a chain generator for generating primary and secondary chains of function elements.

1459827798-83ec8d90-795c-4275-aa44-a88e64057058

An information storage medium capable of recording and playing back still picture information is provided with a first information unit having one still picture information, and a first group unit which is composed of a set of first information units, and has a plurality of pieces of still picture information having different contents. A communication device or network appliance compares communications entering the communication device to a list of communication types established as known security risks, for example hacker attacks, unauthorized attempted access to network resources, or similar network security threats. The tapered portions each include a main portion which is shaped such that an angle formed between the main portion and an axis of the rotary shaft gradually becomes smaller from one end of the main portion located rearward as viewed in the rotational direction of the impeller toward the other end of the main portion located forward as viewed in the rotational direction of the impeller. The calculated response is compared to the measurements of resistivity. In broadcast mode, a diagnostic instrument can send a data stream wirelessly to many listening computing devices.

1459827798-bfe2ea0f-520f-453a-8da7-2370ec2612f9

An apparatus and method for originating a call in a full-touch screen portable terminal are provided. Each cavity having at least a first and second sidewalls set at an angle offset from the planar major surface. The visual display unit further includes a visual display, and a second communication port. In certain embodiments, the suction device provides suction even on wet or underwater surfaces. The electronic device includes a receiver which outputs the received sound; a receiving portion which receives the receiver; and a hole which communicates with the receiving portion. The ring structure of the bus provides efficient communication between the logic core and the various data ports.

1459827799-38311bc5-d03e-4301-9675-3bfa90a52767

A film scanner useful in a digital printing system. Subsequent to decoding the first signal field, the controller re-encodes the first signal field to generate a second signal field. The first stack core includes first core pieces and first couplers. Each Method from subject code is examined to determine whether the Method conforms to the criteria of the stack frame template.

1459827799-73ce8d18-db35-4006-bea4-a727e33995e4

A broadband communication system in which a central office is connected to a high

speed network utilizes various LMDS architectures of the present invention to expand network capabilities. The lure may also comprise a cover assembly removably covering at least a portion of the lure body. The preferred fiber is a quartz fiber having an elongation to break of at least about 5%. The flexible straps attach to the cover and the frame of the generator. A tube connected fixedly to the wall is mounted around the bellows, so as to maintain an air gap, surrounds the bellows in a moisture-tight manner and is longer than the bellows in its longest initial position corresponding to the expanded state.

1459827800-05634c5b-356c-48a1-901e-45ee6a5ea8c5

An apparatus and method for treating a substrate to deposit, clean or etch material on a substrate using a first horizontal chuck to which a plurality of substrates is attached and electrically charged. An elongated pivoting structure is pivotally coupled to the strongback for parallel pivotal movement relative thereto. When an image based on the second print data is arranged at an end of a continuous sheet, the second print data is assigned to the beginning of print data to be printed on another continuous sheet. The frequency bins follow variations in the frequency of the magnetic signal produced by the sonde which allows the detector to detect the sonde at a separation of up to 30m.

1459827800-481e5788-008f-4776-8245-cfe2d659f4f9

A drill for making a hole within a workpiece has a body extending along a longitudinal axis, at least one flute extending along the body, and a drill point extending from the end of the body. The input scanner includes a light source for illuminating a three-dimensional object, an elongated sensor array for producing a digital representation of the image on the three-dimensional object, a lens array, a moving mirror, and a mirror positioning system, which beneficially includes a mirror motor. A die lip portion is disposed on the die block having a lateral dimension. Each data dimension is displayed radiating from a central point, and data corresponding to a data dimension is displayed at a position indicating the value of the data in relation to a reference value so as to enable the identification of an exception. As a result, a seated occupant may selectively engage mechanically adjust the chair seat relative independently of electrical adjustments available by the control mechanism.

1459827800-d1c2458a-eae8-49cb-af04-3b3f62290242

The system contains a molded plastic reticulated tray composed of a continuous rib that forms a tray rim and a plurality of intersecting ribs defining relatively large openings therebetween. A ventral access opening selectively provides access to the horse's abdomen while the bandage remains in place. An adhesion strip is secured to the first exterior side surface being adapted to absorb an adhesive placed on the foundation wall for securing the moisture impervious sheet to the foundation wall.

1459827801-729341ca-67b3-4188-94db-c83590b7dbb5

In one or more embodiments, a tag is provided and includes a property that associates a strongly typed variable with the tag. The assembly includes a panel and an aperture extending through the panel. The housing body has a cylindrical sleeve for mounting the diagonal to a telescope.

1459827801-743d5dcc-44ba-4e14-9bef-7cd9702fe1bc

A multiple directional wheel includes a frame having a central hub rotatable about a main axis, a plurality of roller supports radially spaced from the central hub, and a plurality of rollers evenly spaced around the circumference of the wheel and rotatably mounted on the roller supports. There is provided air vents 162, 163 and 164 between the fixing device 122 and the heat exhausting fans 157, 158 and between the delivery portion 125 and the heat exhausting fans 157 and 158. The pressure of gas filled in a gas charge chamber 122 defined by a lid 120 and a diaphragm 130 displaces the diaphragm 130, the displacement being transmitted to a shaft member

150 through a stopper member 140 including at the center thereof a tubed portion 142 storing an absorbent. This enables the distractor apparatus to be positioned relative to a patient such that the tensioning mechanism is offset from the long axis of the limb of the patient thereby facilitating improved access to the distal portions of the limb. The preferred device further comprises a plurality of peripheral voids and more desirably a central void space therein, which may desirably be filled with a grafting material for facilitating bony development and/or spinal fusion, such as an autologous grafting material.

1459827801-992cf9ac-fb29-4647-b310-8d3517ce7bd8

A PDP driving apparatus having a resonance driver of a PDP electrode for shortening a time required to display an image since the power-up. Ventilation grooves having an inlet and an outlet are defined in the rotor with at least some of the coils including at least one of the ventilation grooves. The condenser assembly also includes an ambient temperature sensor for sensing at least one temperature of the ambient air, to provide a sensed temperature. The spacing may be based on a relative speed between the magnetic piston and the actuating magnet. The flank section is connected on each side flank with the outer circumferential area via an adjacent planar bevel area which is inclined under a bevel angle obliquely in relation to the same in the direction towards the other side flank. Stability and construction advantages may be provided by snap-fit features of the header member and first and second side plates.

1459827801-aaad1893-1726-489a-afb1-7319ca7db7d6

A technique for implementing in a networked client-server environment, e. In one aspect of the invention, the technique comprises evaluating one or more performance metrics associated with the one or more resources given one or more configurations of the one or more resources. Once the position has been adjusted, the vehicle can be pulled forward on the platform to continue the loading process.

1459827801-bd824a01-fe0c-4b1d-abf1-2da0166837b8

The present invention prevents cross-linking between multiple resists that are used in the fabrication of a semiconductor device. When a user operates a cross key, recorded information about a trimming position of each of the first and second continuous-zoom-photographing frames is updated according to the cross-key operation, and the first and second continuous-zoom-photographing frames are produced at the updated trimming position recorded after the update. Thereby allowing the magnetic circuit to be installed in front of the supporting stand; and thus high-pitch sound and low-pitch sound simultaneously output from a single device. A first stress-blocking dummy diffusion region is adjacent to the first edge, with no dummy diffusions regions therebetween. Large multipliers are divided up and optimized as above.

1459827802-35175e8a-74c5-44a4-a3e7-0d46dcb3183e

A method and system is provided wherein an event experienced by a player is documented and the documentation of the event is stored. The removable telecommunication sensor module monitors energy usage at a telecommunication equipment circuit level for a piece of telecommunication equipment arranged in a telecommunication network infrastructure. The methods further include migrating the collection of diplets using one or more of a velocity model or an anisotropic velocity model, and synthesizing one or more of the migrated diplets to an output multi-dimensional seismic volume. An interrupt in the input register of the second port is set to notify the second component coupled to the second port that a new message is available. There are provided an electronic device and a method of operating the electronic device that may more effectively resolve handover request collisions by using a specific field value included in a handover request message.

1459827802-f91f1bbe-6bd8-4590-95a3-6a1c9dfe3cf2

An applicator for applying liquid media to a material strip that can be moved

relative to the applicator includes a housing having a drum chamber, a drum gate supported within the drum chamber and adapted to rotate therein, and a nozzle block spring-mounted to the housing. Person characteristic data extracted from a plurality of cameras are stored in a person characteristic database. The positive slack is converted to negative slack by replacing cell instances in the IC design with footprint equivalent variants of the cell instances. The outermost coating may contain an anionic pigment. The controller is also coupled to an indicator mechanism and is intended to transmit a cut-off notification signal to the indicator mechanism. The bottom doors rotate from the closed position to the open position under gravity.

1459827803-02e30c42-5875-4ace-a290-e2f466a77c09

A cutting tool insert includes a body of a hard alloy of cemented carbide, cermet, ceramics, cubic boron nitride based material or high speed steel. In various examples, an episode classification algorithm evaluates electrogram signal data to determine whether T-wave oversensing has occurred. The first wire pair provides a communication service to a customer location. The technique further involves, after performing the comparison operation, outputting a detection signal indicating that the path is flaky when the IOs-Over-Period metric falls within the predefined flaky path range and non-flaky when the IOs-Over-Period metric falls outside of the predefined flaky path range.

1459827803-ad33b1ec-10f1-473e-a676-c05023710e9d

Disclosed is an actuator device for an optical device. Accordingly, a low dielectric constant film having excellent resistance against chemicals and excellent moisture resistance is provided. The green body is reduced to smaller pieces thereby forming ceramic fragments. The base includes independently suspended idler rollers, and the drive rollers engage the idler wheels, so that at least a portion of the weight of the upper assembly is borne by the engaging drive rollers and idler rollers. A method for optimizing the use of an aqueous solution of an alkali metal hydroxide in a phenol recovery process uses pH measured to regulate the feed rate of the aqueous solution. , and a component S2 including a high-boiling point solvent having a boiling point of more than 100\xb0 C.

1459827804-476bf122-d3ce-4a16-9160-7f6c758828fd

A percussion tool is described and which includes a housing mounting a tool bit; a reciprocally moveable hammer borne by the housing and which is operable to repeatedly strike the tool bit; and a reciprocally moveable piston enclosed within the hammer and which imparts reciprocal movement to the reciprocally moveable hammer. The apparatus may include a memory, a QoS level setup unit, a transition condition setup unit, and a radio resource manager. A first horizontal slide element is slidably mounted to the upper base and is adjustably slidable in a first direction with respect to the upper base. The collectors may be used in conjunction with the aforementioned targets to obtain awards in a bonus sequence as described.

1459827804-4abc4880-97f5-427f-a4aa-c63721538b54

An image reading device in which a processing time required for prescanning and fine-scanning of a film can be shortened. The focused light beam is scanned across the surface of the photo-detector. Then the reactor vessel is carried out through an opening provided in a top portion of the reactor containment vessel. The filter assembly is also provided in fluid communication with the nozzle inlet, the suction generator and the dirt cup.

1459827804-658ce1da-3b95-4426-9af8-ee60cf54deb

The performance, thermal and power management system is configured to perform DVFS calibration, temperature compensation adjustment, aging calibration, and DC offset calibration in an IC. A method comprises: operating said voltage controlled oscillator in a first frequency band by switching a first capacitive circuit having a capacitance that varies with a tuning voltage; and operating said voltage

controlled oscillator in a second frequency band by switching a second capacitive circuit having a capacitance that does not vary with the tuning voltage. In addition, the authorization request may be transmitted from the POS server to a payment gateway. The clamping device connected to the ACT node may reduce the voltage on the ACT line during power down mode, whereas the clamping device connected to the RNL\* node may increase the voltage on the RNL\* line during power down mode to reduce sense amplifier leakage current through these nodes.

1459827804-a37a64ad-724d-4f10-8a80-696878e11be5

A system for dampening the vibrations experienced by a sensing line connected to a jet pump within a nuclear reactor pressure vessel. The system includes a memory coupled to a processor. The flexible hollow supporting structure is integrated with the flexible display panel and extends from the first end to the second end of the flexible display panel.

1459827804-da463957-59ff-4ad7-a7ac-caf5de3147cc

In a method manufacturing a silicon single crystal 8 according to an MCZ method, a flow rate of an inert gas flowing in a growth furnace 1 during growth of the silicon single crystal 8 and/or a pressure in the growth furnace 1 is altered according to a pulling amount of the silicon single crystal 8 to adjust an interstitial oxygen concentration therein. The ring member is resiliently disposed between the carrier and stop members. The storage device write cache limit comprises a maximum amount of write cache of the storage controller available to a storage device for a write operation. The covering also includes a series of parallel binder threads for attaching the first layer to the second layer. Further, the lens unit is coupled to the liquid crystal panel and is configured to guide the polarized lights with the second polarization direction to pass through for 2D display and to guide polarized lights with the first polarization direction into predetermined transmitting directions for 3D display.

1459827805-93948c97-fa7d-4fae-b7a3-a05f0a392e22

An adaptive filter suitable for fabrication on an RF integrated circuit and used for transmit leakage rejection in a wireless full-duplex communication system is described. A plurality of safety devices are attached to the window covering. Multiple embodiments are disclosed for alternate configurations of a first fuel injector, including an annular manifold and a plurality of radially extending tubes. At least a portion of the cavity is situated between adjacent blades. A plurality of phosphor layers are formed on the second substrate.

1459827805-94b01c37-f8a9-496f-bad0-084b0a55f04c

A speech synthesis apparatus appropriately transforms a voice characteristic of speech. The non-charging portion is capable of contacting the image bearing member while maintaining an electrically dischargeable gap therebetween. A spring-loaded latching mechanism is located in the female coupling and is automatically engaged when the male assembly is inserted into the female assembly, connecting the coupling. When the tip is removed from the joint, the electrical circuit is broken and the tip material may quickly cool to a temperature safe for human contact.

1459827806-41fc427e-1b85-45e6-b6d1-5c27e77f3a77

A mirror module for a vehicle component, for example a sun visor, includes a module frame, a mirror connected to the module frame and a having a mirrored surface and a mirror cover supported at the mirrored surface of the mirror. In case of a CCD with G-stripe or Bayer arrangement, the frequency divider divides the frequency of a clock by an odd number and the frequency-divided clock is inputted to the signal processing part. In the general formula, R1 is hydrogen, an alkyl group having 1 to 4 carbon atoms, or an aryl group having 6 to 25 carbon atoms. The slider's fly-height is established over the unaltered portion of the disk, then the slider impacts the deformable material. This is achieved by controlling the carrier injection into the laser diode in the vicinity of its facets in such a way that

abrupt injection current peaks are avoided. That is, the above construction can realize radio equipment which can stably radiate radio waves even under ungroundable conditions and, at the same time, can realize good characteristics even under low transmission output conditions.

1459827806-de3b93fa-290e-4e17-b5ef-92e7bdf54b57

The present invention relates to a partially-crystalline copolymer comprising tetrafluoroethylene, hexafluoropropylene in an amount corresponding to hexafluoropropylene index of from about 2. The interfacing modules automatically transmit orders from the OMS databases to the ETM and update the OMS databases in response to orders executed at the ETM. The control device increases a highest speed of rotation of the compressor if a temperature in the chamber of the refrigerator main body detected by the cooled state sensor is low.

1459827808-425fb2e0-fc75-4ed4-a98f-87663105b6c1

A graphical user interface for a portable electronic device includes an application display region that displays a current application context of an application and a navigation bar adjacent to the application display region. The filter contains an oxidizing agent that will oxidize the interferent gas but not ethylene oxide or alternatively a polymeric material that allows selective hydrogen bonds to the interferent gas but not ethylene oxide. An RF up-conversion block uses a TX local oscillator for generating analog RF signals for ordinary TX signal generation, and a different feedback LO for generating analog RF signals for RX phase alignment signal generation. The recording unit records the processed image data, in which the first additional information is embedded, to a removable recording medium, in a first image recording mode, and records the unprocessed image data, to which the first and second additional information are attached, to the removable recording medium, in a second image recording mode. An arm is provided at a pivot of an end of a link opposed to the link of the first parallelogram linkage such that the arm rotates in a restrained state of 90° relative to the link.

1459827808-8c467383-ddb8-4ff2-ba33-8e72b872af83

The invention is directed to improvement of a write element of a thin film magnetic head. The catalyst of the invention is a liquid titanium compound chelated with an imidazole ligand. A magnetic field response recorder wirelessly transmits the time-varying magnetic field to the sensor and wirelessly detects the sensor's response frequency, amplitude and bandwidth. Matrix Q is computed via the specified portion based on first inputs using the MGS process, where the first inputs include the matrix A and possibly a scaling factor  $\alpha$ . Transcoding instructions are defined using the matching pattern to locate and extract field values within web pages of the web page family.

1459827808-95aac614-bbae-412f-9416-77cbe5fbe9c7

A hermetically sealed package for electronic circuit components includes a generally hollow, titanium body, having a reduced thickness bottom wall/floor, whose interior surface is laminated with a relatively low mass, insert, upon which electronic circuit components are mounted. The air-blower mechanism includes a pumping device, a buoy, and an air conduit. The sheet-shaped base board 2 is a flexible base board capable of transmission and reception of the light and electric signals, in which a light guide 21 and conductor patterns 22 extended in an insertion direction 10, are formed. Edges representing implicit links are generated between distinct nodes representing distinct book content items in a weighted graph.

1459827808-d08ba0db-8981-4406-82b2-8c1d530033ea

A high barrier film and method of forming a high barrier film. The first refraction surface receives light discharging from the light source while refracting the same to form a first refracting light, the upper part of the first refraction surface further comprising a refracting structure for refracting the light emitted from the



light source. with agitation and then allowing the crude oil to settle for a period of time until the oil becomes stratified into the at least two layers. The first and second support member side walls define at least one generally horizontal slot when the support member is secured to the back-up wall.

1459827809-2591babd-ee52-4784-a1ac-c5b3065b9d6b

A pointing device is provided for reporting motion information about the pointing device. The synchronization unit comprises a first functional unit for performing a first signal processing function, a second functional unit for performing a second signal processing function different from the first signal processing function, and at least one signal processing circuit. It has a radiation receiving front surface and a rear surface. The database files generated by the survey software are available to the analyst for analysis and inclusion in the resulting training system analysis document. Data are loaded, processed and stored on the central storage system.

1459827809-b4c477bf-b31e-433f-b355-494c1765360c

A novel and useful mechanism and method for writing data updates to a data cache subsystem of a storage controller. The lattice structure includes two structural regions which are arranged on both sides of the waveguide ridge and are formed at a distance from the laser layer above the laser layer. The diode's polarity allows current to pass from the direction of the second input terminal. A pin locates the tool relative to the stator slide, and establishes a reaction point for forces applied by the drive block to the stator slide. Furthermore, a demand-supply scheme is planned and changed so as to maximize a profitability index that is calculated by using a cost regarding the production of a product that includes a material cost, a manpower cost, and an equipment cost, a stock management cost, a transportation cost, etc. In addition, the control unit performs control so as to cause a period from starting readout of the signal of the predetermined line to starting next readout of the signal of the predetermined line in the first mode to be the same as that from starting readout of the signal of the predetermined line to starting next readout of the signal in the second mode.

1459827810-48976f4c-1180-4510-9fc5-22932545d3c2

Base stations can remove inter-BS interference components from received uplink signals using downlink information communicated over a backhaul network. The ashing method uses a two-step plasma process involving a hydrogen-containing gas, where low or zero bias is applied to the substrate in the first cleaning step to remove significant amount of photoresist remnants and etch residues from the substrate, in addition to etching and removing detrimental fluorocarbon residues from the chamber surfaces. The fan shroud mount has a general profile defining at least one fan shroud mount slot aligned along a second axis which is perpendicular to the first axis of the fan shroud slot. An electrically powered steering unit is connected to the steering member for providing steering feel to the operator. A motor is coupled to the at least one circular track and capable of moving along the track in the tangential direction, to relocate the center of mass of the wheel on which the radar array is mounted. The electro-chemical deposition system generally comprises a mainframe having a mainframe wafer transfer robot, a loading station disposed in connection with the mainframe, one or more processing cells disposed in connection with the mainframe, and an electrolyte supply fluidly connected to the one or more electrical processing cells.

1459827810-626554ff-ca54-437c-bda2-aae1aa4bd665

A method and apparatus for automated spectral calibration of a spectroscopy device. The internal nodes and links from paths according to routing algorithms and the internal nodes provide data packets with a load-dependent marking. One idea of the present invention is providing a planar antenna in which the printed wired board of the mobile station is used. The second film is preferably a coating deposited over the ball and over the arm controlling the ball motion. The method further includes

using the processor to determine a set of summarization parameters based on the relationship between the viewer and the user and using the processor to reduce the number of images or the length of the video from the digital image collection using the determined set of summarization parameters to be viewed by the viewer. The PMR disk structure may include multiple soft magnetic layers with intervening hard magnetic layers and in between.

1459827811-114f7dc7-683d-4b44-9d5f-d567410e4e93

In one embodiment, a first wiring line is pulled out from an active area, and a short ring circuit is provided in a peripheral portion of the active area. The kernel may reside in a host that interacts with a secure processor maintaining content protection clients. The PDA comprises electronics for wireless communications and a contact information database and a means for coupling the handset to the PDA.

1459827811-1c8540bc-ffb5-455f-8525-1327db30abb3

A system and method for efficiently charging and discharging a capacitive load from a single voltage source. A processor may include a dedicated cache memory. Two or more discrete fixed beds can be disposed across a cross-section of the body. In this state, a treatment tool projected by a reduced amount from a distal end opening of the channel is captured on a light receiving surface of the image capturing element.

1459827811-366fce58-ab98-4f47-a955-9aa2e2ba280a

Transaction-level data and size of wallet data may be used to identify luxury merchants. The method comprises: forming CMOS source and drain regions, and an intervening well region; depositing a surface channel on the surface overlying the well region; forming a high-k dielectric overlying the surface channel; and, forming a gate electrode overlying the high-k dielectric. An enclosure extends around the water heater, with indoor air flowing between the enclosure and water heater to a duct for distribution. The polarization filter is configured to filter polarized light reflected from the surface of the medium.

1459827811-87ffef0c-166f-4fbf-a1df-2efc0b13fb60

An apparatus for sorting particles composed of a mixture of particles with differing physical and chemical characteristics. The method may be implemented for a query that has multiple possible forms of execution or outcomes depending on a run-time condition or element. In another aspect, the catch bumper and the bumper base can optionally be combined into a single catch bar bracket. In particular a discoloration layer including the metal sulfide is applied onto at least a portion of a base substrate.

1459827811-a7362d61-8c0e-4034-ab00-f424c8ae3daa

According to one aspect, a drilling rig carriage is adapted to move along a drilling mast, and includes a body structure, electric motors coupled to the body structure, and pinions operably coupled to the electric motors, respectively. An edge region of the sound-absorbing component be extrusion-coated with the plastic of the channel body in such a way that the sound-absorbing component is connected in a form-fitting way to the channel body along at least a section of its circumference. 50 mass % or more of a total supported amount of the catalyst component on the three-dimensional structural support is present in a region from the surfaces of the cell walls of the three-dimensional structural support to surfaces of the catalyst-coated layer. Time-series data on the fuel temperature of a predetermined average acquired by using the time-series data on the reactor output and a predetermined dynamic characteristic model is acquired. The second fixed part to which the harness is fixed and electrically connected is disposed within a battery upper surface area.

1459827812-393edc3a-0bdd-4801-a0ed-1cc8e5edde38

A cost-effective package is described that creates a visual impression of a packaged item floating within a frame. The tap assembly includes a tap faceplate, having at least one port. The asset tagging module is configured to receive information for an asset tag from the web browser, and to receive a selection of a location on the component to place the asset tag. This control can provide a translational shift in the operating characteristics of the transistor, and it has been found that this can compensate for ageing of the transistor, for non-uniformity between different devices, and for temperature variations. Multiple failures can be accommodated using multiple secondary arrays, each storing the address of a respective failed fuse, or a tertiary array which stores the address of a failed fuse in either the primary or secondary arrays. The structure comprises an active waveguide layer formed on a passive waveguide layer.

1459827812-d0034c53-07e1-4c3e-a950-1edcfca2762f

Methods for operating, such as methods for dispersing and clustering, robotic devices employ adaptive behavior relative to neighboring robots and external conditions. The laminated structure includes an array of foam spacers arranged with spaces between them, a layer of foam attached to the top of the spacers, a first insulating sheet on the layer of foam spacers; a conductive sheet on the first insulating sheet, and a second insulating sheet on the conductive sheet. Related techniques, apparatus, systems, and articles are also described.

1459827813-42d78029-51a2-4dad-814f-525dff59cd64

The present invention is directed to a series of polymeric citrate esters that have unique liquidity, and outstanding feel when applied to the skin. The system provides a local configurable resource for iteratively collecting computing performance information relating to the quality of service experienced by a computer user interfacing with a computer network. And a ultraviolet curable composite material is disposed between the substrates which is then phase separated to form polymer walls having liquid crystal directors fixed therein regardless of application of an electric field across the electrode layers, and wherein pixel regions are formed between the polymer walls. The car has movable coil stops to discourage longitudinal shifting of loaded coils. A frequency generator generates the carrier wave frequency to the signal antenna. A key to the present invention is the supplemental compressor and the associated heat exchange equipment is separate and distinct from the LNG-based liquefier.

1459827813-43a90d0f-2462-4e90-90ac-c1473c8acca0

A highly integrated radio front-end module. A first dispensing head incorporating a first nozzle and a second dispensing head incorporating a second nozzle are provided and the substrate is fed along the first axis to a position where the first and second dispensing heads are located. These each serve to accommodate one corrugating roller unit. The resin package unit and the insulator block are combined with each other while the leads for contact are fitted into the groove portion, and a portion of the leads for contact fitted into the groove portion in the insulator block forms a fit connection unit.

1459827813-53850fb8-b7cd-4b91-b699-0696ef7450dd

An information processing apparatus includes a first casing and a second casing hinge-connected to the first casing via a hinge part. Execution programs of the POS system are stored in the host unit, and each POS terminal unit is not provided with any POS system execution program, and has at least a transmission data generating function and a communication function for data exchange with the host unit. A cylindrical space is formed between the outer peripheral surface of each of the sheathed heater and the case body. A resistance heating element is used to produce a heated thermal mass. The sensor includes an electrode and a nanowire resonator.

1459827814-1136d170-1e86-462e-90a1-246f545bf54a

An integrally plastic outlet pipe and making process thereof includes the steps of:

a. The method initiates with receiving a video bit stream. Each inter-block bit line connects a middle diffusion wire for one of the memory cell units of first block of the separated blocks and the middle diffusion wire for one of the memory cell units of the adjacent second block lying on the other end side of the diffusion wires of the first block. An additional safety measure of the cap may be to completely darken or whiten the vision of the pet such that the pet is temporarily impaired from seeing anything. The technique of this disclosure is applicable to a prediction device which, for example, acquires position data and predicts a predicted route. A method in accordance with the invention can be used to sever copper traces without damaging adjacent material or creating conductive bridges to adjacent traces.

1459827814-837c7a1c-138e-446d-9219-10ece49a2b03

A semiconductor device including: a semiconductor substrate having an integrated circuit and a penetrating hole; an insulating layer formed on an inner surface of the penetrating hole; and a conductive section formed on the insulating layer to penetrate the semiconductor substrate and having a recess on an end surface. A platen roller forms a nip between it and the thermal head for pressing a stencil. , at a time when an optical head initiates a seek operation, with an adder, this latter value being stored in a readout power value storage circuit, because an optical recording medium readout apparatus makes it possible to cause the value of the readout power at the time when readout power control operations resume, i. A method for the preparation of a clay gel matrix is also revealed.

1459827814-85abf487-a523-43fb-9455-c26b0732513f

Method of printer color error correction employing the rapid alternate viewing of a scanned original color image file and an image file formed by scanning an image printed by the printer whose error is to be corrected. When in an ac mode the output is unbalanced, or the balance may be controlled. The intake gearbox is drivingly connected to that at least one feed roller. Before a substrate is subjected to exposure processing by the exposure device, the substrate is transported to a washing processing unit by the interface transport mechanism. Such coupling decreases the effective inductance and increases the effective series resistance in the improved resonant circuit, both of which increase the communication bandwidth.

1459827814-94a51e9f-6357-4b4a-8ac7-4143b1efd5f2

In one example, a method comprises rendering a dashboard assembly user interface comprising a canvas section and a resource section, the resource section comprising one or more resource content elements, and the canvas section comprising one or more dashboard content elements. The number of commutator segments is higher than the number of rotor teeth. , the non-aqueous electrolyte additive decomposes and a part of the decomposed additive polymerizes to form an insulating film on a cathode surface, and a part of the metal reacts with an insulating film formed on a cathode surface to improve thermal stability of the battery, thereby improving safety of the battery.

1459827814-c26f6879-555c-453c-a9c9-59d124bba4c3

A method of extracting neural stem cells from a living subject, comprising the steps of introducing magnetic nanoparticles into the subject, targeting the neural stem cells with the magnetic nanoparticles to form magnetic nanoparticle-targeted cells, isolating the magnetic nanoparticle-targeted cells, extracting the magnetic nanoparticles-targeted cells from the subject. The detecting an abnormal BP condition can include detecting various forms of hypertension or hypotension. for one hour under a pressure of 30 kgfcm<sup>2</sup>, an elongation percentage of the interlayer dielectric film in a planar direction is 0. The power supply regulator is coupled to regulate the reflected voltage across the primary winding, thereby regulating the output voltage across secondary winding.

1459827815-7c37658e-9361-40a1-a01a-a459e625bde3

A modeling method of neuro-fuzzy system including a rule-defining process and a network-building process is disclosed. The invention is applicable to affect the distance or speed measurement of targets by means of laser-based measuring instruments, where the measurement procedure of the respective laser-based measuring system is jammed or even prevented. The displacement accuracy of the VSDCM is better than that of the conventional electrostatic micromirror and the low driving voltage is compatible with IC components. The method can involve forming a semiconductor layer comprising semiconductor elements such as silicon particles over a conductive layer; forming first metal-semiconductor compounds at a bottom surface of the semiconductor layer; and forming second metal-semiconductor compounds at uppermost boundary portions between the semiconductor elements.

1459827815-a193c9a5-ba60-45e5-b755-4c8538badf30

According to some embodiments, a borehole deployable apparatus is described that can be used to generate strong vibrations in a subterranean rock formation. A roof is disposed on the upper end of the sidewall so as to cover second chamber, the roof having a first inlet formed thereon. Also in response to low battery voltage, a crowbar circuit loads the hearing aid battery with a loading circuit element. Based on identification of data or events in the host application, the companion application may obtain information characterizing or providing a context for data provided by the host application. If the one virtual machine needs additional resources, the one virtual machine is automatically cloned.

1459827815-b21fbe61-5626-49eb-9333-f7f1b9c377fb

A system for creating an anonymous social gathering of 3 or more persons. 25 millimeters, a Figure of Merit of greater than about 0. The semiconductor device further includes a second opening having a second width in the molding material with the second width being greater than the first width.

1459827816-27e41fd7-a688-4475-a474-8ff93a7bd9be

Swimming goggles has a left frame and a right frame, a nose support connecting the left frame and the right frame together, eyeglasses received respectively in the left frame and the right frame, and a head strap movably received in outward sides of the left frame and the right frame. The semiconductor device includes an auxiliary mark including an inner mark having stepped portions with four sides as stepped portions to be detected and an outer mark having stepped portion as stepped portions to be detected, provided approximately parallel to stepped portions along four sides of the inner mark. The method further includes, in response to selecting performing optical stress generation and detection, applying at least one second control signal to the controllable retarder, and performing optical stress generation and detection using the modified light beam.

1459827816-36f0b357-49f6-441d-b964-238aae47ac2b

A mounting buckle for a safety helmet includes at least one mating member configured for attachment to a V-shaped strap having an apex, the apex of the strap being substantially flush with the abutment surface. A vehicle controller monitors input from, for example, an inertia switch and electric motor generator conditions and can disconnect the output shaft from the drive wheels in predetermined vehicle conditions such as during a rear-end collision, or abnormal electric motor conditions such as over-torque, over-temperature, or over-current. A planarizing process of the present invention employs a fixed abrasive tool containing substances harder than the film to be planarized in a content of 10 ppm or below and having a mean pore diameter of 0. Time saved in that one person coordinates two blower tubes, verses the old way of two people trying to think together in a fluid flow of movement as to effectively moving the debris together. Such tire component may be, for example, a circumferential tread having a running surface intended to be ground-contacting or a sidewall insert. The link plates and connecting pins are arranged randomly along the length of the chain.

1459827816-616a1150-06c6-4d36-99ad-5289256316e5

A method for removable attachment of a mask to an IOL to protect a sharp peripheral edge of the IOL optic during polishing. Intra-instruction fusing can increase cache memory storage efficiency and computer instruction processing bandwidth within a microprocessor without incurring significant computer system cost. A message signature is incorporated within the signature data. Preferably the column provides the only support of the turbine and the column is not supported by guide wires. The plurality of network identifiers are visually displayed for user selection, and at least two of the network identifiers may be substantially the same.

1459827816-bb68072d-58d8-4b1c-b3a4-6e86142361dd

Protection and working routes are determined responsive to shared resources. The system includes a foot motion sense module for sensing a user's foot motion, and collecting sensor data based on the user's foot motion, and the portable equipment for receiving the sensor data based on the user's foot motion, recognizing the foot motion, and performing a portable equipment function in response to the foot motion recognition result. The layer is composed such that the amount of the lithium carbonate is 0. The surface of the sensor portion is joined to the first surface of the cap portion such that the sensor structure is sealed between the sensor portion and the cap portion. The memory stores a plurality of audible messages. The biological condition may be a naturally occurring physiological state or may be responsive to treatment of the subject with one or more agents.

1459827817-0aeca616-47c1-4661-ab24-9b0132d79bd3

An embodiment of a cutting tool positionable in a tubular for creating a cut in a tubular includes a body securable within the tubular and a cutting head having a nozzle for discharging a pressurized cutting fluid, wherein the cutting head is rotationally and axially moveable relative to the body. During a polishing process, an appropriate amount of a polishing agent is dropped onto the readout surface of the optical disk by a polishing agent supply pump to continuously supply the polishing agent to the interface between the optical disk and polishing pads, while a polishing water supply pump is operated to replenish the polishing agent with moisture evaporated by the polishing heat. An image recorded on a record medium is displayed in the state that an end portion of the power supply housing section and an end portion of the record medium secured to the cutout portion are placed on a surface where the lighting apparatus is placed. The invention finds use in a variety of drug discovery, clinical and therapeutic applications.

1459827817-3c5ba81d-98b8-4d38-a1f0-08b49780853a

A non-volatile semiconductor memory device with good writeerase characteristics is provided. R2 is a member selected from the group consisting of H substituted or unsubstituted alkenyl, substituted or unsubstituted arylalkyl and substituted or unsubstituted heteroarylalkyl. Then, the measurement results are Fourier transformed to obtain the oscillation frequency of the plurality of oscillation circuits for evaluation at the same time. The conductive elements are configured to form a substantially round cutout region surrounding the signal bond pad.

1459827818-202fbffe-cdf1-47ff-bbf1-e2d19914d248

A dual rate receiving device is provided, which is applicable to an optical transceiver module, and includes a dual rate optical receiving component, a channel switching circuit, a low-speed limiting amplifier data path, and a high-speed limiting amplifier data path. The control system has a tool recognition device configured to generate a recognition signal corresponding to each of the removably attachable work tools, and at least one fluid actuator configured to move at least one of the plurality of removably attachable work tools. A cylinder lost motion connection facilitates movement of the baskets over ground irregularities and obstacles without operation of the cylinders. The internal flag status is analyzed if the first adapter is de-registered from the shared device. Optionally a tuning

mass can also be used to tune the vibration frequency. The charge storage node has a protrusion at the first side of the trench adjacent to the sourcedrain region and also has a top surface portion laterally adjacent to the protrusion.

1459827818-91cbf631-9e76-4d77-877f-f852a8547834

The invention relates to a mounted optical component and also a method for the production of mounted optical components. The chip package includes a first coupling portion and a second coupling portion that are coupled to each other on edges of a lead frame for mounting a chip thereon, and thus a package module is easily embodied by coupling the first coupling portion and the second coupling portion to each other. The system receives the information, detects events in the information, interprets the events, and determines implications of these events. Also, by determining whether a user requesting to print the XML document has an access authority to the XML document on the basis of the policy information, it is possible to allow the printing job only to the user having the access authority. A translation vector and a scale vector are computed and applied to the set of transformed vertices to obtain a ghosted set of vertices. The refractive index of the test mixture is measured and then correlated with the refractive index of the first liquid to obtain information about the volume of first liquid dispensed.

1459827818-e3d89244-02c5-4e7a-9877-295581c43aca

An apparatus and method for testing a semiconductor device in an AC test regime. Such void-based irregularity formation is prevented by dimensioning the mold cavity so that the thickness increases in such direction at less than a threshold rate. The plate includes a plurality of first adjusting apertures, at least one pair of second adjusting apertures, and at least one pair of third adjusting apertures.

1459827819-4171cf71-ff26-4bca-aa5b-7a214533c2a8

A cooling apparatus and method of fabrication are provided for cooling one or more heat generating components. The system can not only breakthrough the limit of the self-character of the amplifier, but also decrease noise in course of adjusting the sensitivity of the camera module. Cuttings are sized and chemically prepared within the same tank and fed directly to an injection pump for discharge to cuttings transport tanks or injected down hole. The searcher may then perform searching for a scrambling code in accordance with the one or more hypotheses.

1459827819-aa477b1b-8d8d-4b12-a9c4-b6fec4569cb3

An inflatable air cell pressure transducer. In one aspect, a method includes receiving a request for an electronic map segment for a geographic region, with the request identifying a geographic entity to be highlighted in the requested electronic map segment. Rigid spaced hooks extend from a body of the inner belt and form upturned cavities that engage with similar hook portions formed on an associated inner trim panel. Generic scores associated with the search results are modulated by the user profile to measure their relevance to a user's preference and interest. The present invention also addresses the relative location of the etch stop layer in the polysilicon region and a variety of structure materials and oxidation methods. The present invention relates to peptides and peptide analogs of heat shock proteins capable of interacting directly with dendritic cells.

1459827819-ba3ac9c4-c7c1-4be7-a7de-eb61bdf6dc88

A system, method, and apparatus for networked print management without the presence of print servers. An adjusting unit is received in the casing and has a threaded rod which can be rotated to move the adjusting unit. The wedge member and the coupling portion are formed of a synthetic resin material. The fastener assembly includes a central web and fasteners that wrap around the ankle of a wearer. Accordingly, the indicator is configured to provide an electrical response as a direct indication of a failed sacrificial member and as an anticipatory indication of failed piping.

1459827819-e43fd2ba-e9f8-4ef7-b73b-debdc8040363

A portable therapeutic device and method of use generate longitudinally propagating ultrasound and shear waves generated by such longitudinally propagating ultrasound to provide effective healing of wounds. For this purpose, the synchronization channel carries a repeated detection word together with system information between repeats of the detection word. Signal is provided, with no secondary coil being provided.

1459827820-0552f1db-4c32-49db-85c5-d9741419573c

A communication system comprises evolved base nodes communicating via an over-the-air link with low mobility user equipment. The chair includes a chair frame having two spaced leg structures and a top ring mounted to and supported on the leg structures. A polyvalent metal salt is then added to stabilize the acidified activated silica. A release target of the modified limiter is a highest peak within a look-ahead delay. This configuration allows local I/O line repairability with fewer redundant elements, and shorter physical local I/O lines, which translate to improved speed and die size reduction.

1459827820-12b04b27-60d7-4ca8-9e98-48bfdf0b51c8

A light-emitting diode with which the LED chip will not be destroyed comprises an LED chip 40 mounted on plate-shaped wiring means 60 inside a light-emitting diode. The steering system includes variable gear ratio steering apparatus, a first ECU for controlling the apparatus, an electric power steering apparatus, a second ECU for controlling the apparatus, The steering system further includes a steering wheel angle sensor and a steering wheel angle ECU, which are integrated. An anchor plate is secured to the rail, and adjustment screws are interconnected with the rail for adjusting the elevation of the rail relative to the base plate. The invention is therefore intended to provide a separator having an improved ammonia trapping property. And a network control module which accesses the World Wide Web while transmitting the language request signal to determine a browser language. The user pre-wraps a fragile object in the pouch, peels the cover panel from the attachment block, and then places the assembly into a box or other container where it adheres to the bottom of the container.

1459827820-670668f0-5a8f-42b8-9976-b86a86e2726f

A method of generating and verifying a memory test is disclosed. A second plate has a second coolant face with a second set of coolant channels formed therein. A monitoring unit monitors the scattered laser beam as a two-dimensional image information. In addition, the portable x-ray viewer is provided with an automatic control for controlling the viewer. In accordance with the invention it is proposed that the means for fastening the isolating elements are embodied to be a single piece with the pole housing. The first detector system can be moved in the circumferential direction of the open space by a movement device.

1459827820-6d52812a-9216-42f9-8a19-5574dcdbbc9f

A system and method for collecting and analyzing integrated circuit test vehicle test data by identifying various blocks of circuitry through at least two different intersecting test paths. An open-circuit electrical conductor is shaped to form a two-dimensional geometric pattern that can store and transfer electrical and magnetic energy. The pixel electrodes have a plurality of protrusions and slits, and a dielectric layer with a planarized surface covering the pixel electrodes. A second lightly doped region is formed in the bulk substrate. Subsequent masks are produced by performing an address-sensitive decimation of the former mask.

1459827820-830b9dc0-f090-4fa6-8b0d-0b2805a6deb5

A method and apparatus for monitoring a process by employing principal component analysis are provided. A relatively non-wettable region of the surface modifier coating is formed around the light-emitting region. The automatic exposure mechanism projects an orientation vector into an image plane of an image sensor.



1459827821-24a7cd1b-8d6c-4913-b6e2-6d725767387a

A mobile phone includes a body and an antenna array that is coupled to the body. The object of the present invention is therefore to create an arrangement enabling simplified manufacture and assembly to be achieved. It is attached to the animal with a fastener portion secured around the ankle portion of the animal's leg.

1459827821-46ad4e85-a4a7-4d3f-b23e-48157cf6e27a

An IP usage pattern of a first computer system is monitored by a second computer system that is remotely located from the first computer system. The disk-error detection system may include a processor in communication with the storage disks. Equalization can be accomplished partially or wholly in the analog domain and digitally controlled by a digital control loop. Parallel data distribution and collection through forms of multicast and packet-gather operations are also supported. The process is fast, environmentally benign, and highly scalable.

1459827821-779c0f1b-7ca7-4fc2-a025-6223060ea5af

The invention relates to a computer-implemented method for medical diagnosis support for patient data of a patient through a data processing system, wherein the data processing system comprises a graphical user interface and a database containing rules for calculating diagnosis risks. The preconnectorized outdoor cable includes a cable and at least one plug connector. Control information transmitted from the base station to the mobile station includes Transport Format Combination Indicator, Transmit Power Control, and a pilot symbol. For this purpose, it is sufficient when the function variable value transmitters transmit constant power signals over the multiple-access channel in a channel estimation phase. A one-bit digital signal that could develop an overflow depending on its modulation degree is attenuated at a stage upstream of the input of the converter, and the multi-bit signal is amplified at a stage downstream of the converter to avert a clipped state between the stages. The data, including musical data in MP3 format, are automatically downloaded at high transmission speeds from the central storage system to the mobile remote system.

1459827821-bb160afe-b63c-402b-963b-c2414fe56f16

This invention describes the preparation of fatty acid esters of glycerol formal either by a triglyceride transesterification process or, alternatively, by an esterification process of fatty acids previously obtained from the hydrolysis of triglycerides, with glycerol formal in the presence of an acid or basic catalyst. The wedge tip releases the slide fastener's auto-locking member at the pull tab hole to permit movement of the slide fastener to close an opening of a stuffed toy animal. The base is part of a frame positioned above a wellhead. The gaming machine also includes a game controller in communication with the game display and the network interfaces.

1459827822-0bdd405b-64da-4c97-a956-696178a385f9

A component material for an electronic's casing comprises wood or woody material that has two surfaces, one of the surfaces of the wood or woody material which is carbonization-treated to provide a carbonized layer on one surface of the casing, and the other surface of the wood or woody material which is not carbonization-treated. The heater is separated from the nozzle by less than 5  $\mu\text{m}$  at their closest points and the nozzle length is less than 5  $\mu\text{m}$ . The ends are fixed to side frames on the vehicle body side to form impact absorption members.

1459827822-73970d35-b468-469e-a604-4659206077bd

A truck bed extender including an elongated support adapted for securement in a trailer hitch mounted on a truck, and a shorter upright support pivotally mounted at the opposite end of the elongated support, for pivotal rotation from a collapsed position generally alongside said elongated support, to an upright position extending upwardly away from said elongated support. A sidewall of the passivation

layer is covered by the molding compound layer. In addition, the invention relates to a polyacrylonitrile-sulfur composite material, a cathode material, an alkali-sulfur cell or an alkali-sulfur battery as well as to an energy store.

1459827822-77904dd2-20a5-49c9-bc51-0bda18f4bcc6

An instrument interface of a robotic manipulator and a surgical system including the instrument interface are provided. Although a single flux quantum circuit can fabricate a high-speed sequential circuit with ease, the initialization of the circuit is required for guaranteeing the normal operation of the circuit. The pair of intersecting cutting planes define an inspection line at the intersection thereof, wherein the inspection line is swept through a selected area of the workpiece, thereby collecting inspection data for the workpiece. The suturing arms each have a proximal end interconnected with the elongated base member and an opposite distal end.

1459827822-8064bbc2-51c7-486f-83a4-20d5a2b769b6

A branch graft stent system includes a tubular primary graft having a branch graft opening which when deployed is located in alignment with a side branch vessel emanating from the primary vessel in which a branch graft is deployed. In a follow-up examination wherein the region of interest is again placed in the imaging volume, a follow-up dataset of the region of interest is registered with the apparatus operated with the stored, first set of operating parameters and the follow-up dataset is stored. The sulfide-containing polythiols of the present invention can be especially useful in polyurethane compositions for the manufacture of ophthalmic lenses. A third Active RFID tag is associated with a second container for the first containers. The method further comprises flowing the gaseous precursor mixture over a substrate under chemical vapor deposition conditions to deposit a blanket layer of epitaxial SiGe onto the substrate, whether patterned or un-patterned.

1459827822-d0430fd6-0f13-48e0-8568-e1c6b86a3599

A solid state imaging device includes an array of active pixels and an infrared cut filter formed over the sensor. The barrier layer in the via line region is initially thicker than the barrier layer in the via hole region, prior to being etched during an etching process due to varying selectivity of etching rates between the via hole region and the via line region. When the content being searched matches any of the rules programmed in the Programmable Intelligent Search Memory action associated with the matched rule are taken. The audit opinions of the set of risks and of the set of risk controls are in turn used to evaluate the set of processes associated with the set of risks. The area of the MT pulse waveform is set to a specified value equivalent to the conventional. The increased thickness of the buried dielectric layer may reduce back channel effects in devices formed on the substrate having trench memory structures.

1459827823-226a39f8-5a53-49e9-a43f-95f8919c02ab

An apparatus for detecting a location of conductive pins with respect to a circuit board during an assembly process using a press tool to mate the circuit board and the conductive pins includes a detector housing holding a plurality of switches aligned with corresponding conductive pins, wherein the detector housing is configured to be mounted to the press tool used during the assembly process. The tool is preferably constructed of a material that is harder than the substrate so that a depression can be readily made therein. A method and apparatus for co-injection molding of plastic materials for the formation of the plastic garment hanger construction are also disclosed. An associated kit, device, and method are provided. The method comprises the stage of regulating the supply voltage as a function of actual operating conditions monitored in the vehicle using the automatic transmission.

1459827823-3218654d-10c4-4b42-8398-15a129352778

A gas filling system includes a gas tank ; a gas filling device that fills gas into the gas tank ; and a controller that calculates a temperature increase  $\Delta T$  and a pressure increase  $\Delta P$  in the gas tank during a predetermined period of time that elapses from a start of gas filling. The film trap includes an image aperture and a first and second trap rail assembly. The internal separator forms a first compartment and a second compartment within the package. Coefficients for the EC estimation filter are then generated based on the digital RX signals recorded during the two training steps. The irradiation with ultraviolet ray 3 is conducted in the presence of oxygen and hydrogen or in the presence of ozone and hydrogen. The output voltage of this voltage conversion circuit is determined according to the ratio of the pulse width to the pulse period of the pulse signal generated by the pulse generator.

1459827824-013e83ff-1c5c-4192-b47f-50a00a6ab1dd

RFID tags to provide a relatively low power and power conserving wireless communication system to dynamically and automatically transfer all preselected data developed in designated digital devices to a centralized data processing system. Each converter is a self-commutated converter with power semiconductors. A scheduler is configured to schedule, using the plurality of scheduling nodes, respective transfers of the data packets from the plurality of queues. In that case a stroke of the hydraulic adjusting element for the first elevator cage for adjusting the first elevator cage in a first adjustment direction is converted into a stroke of the hydraulic adjusting element for the second elevator cage for adjusting the second elevator cage in an opposite adjustment direction. The opening can be sealed via a cap or plug to effectively contain the used motor oil. The blood volume and wall motion modulates the electric field, which is detected by passive electrode sites on the preferred catheter.

1459827824-65e78e70-4be0-4814-84e7-3e3748862436

Methods for detecting BoNTA activity in a sample, methods for screening molecules able to compete with BoNTA receptor binding, methods for reducing BoNTA activity in a human and methods of marketing a neurotoxin capable of selectively binding to FGFR3 to a governmental or regional regulatory authority. The aqueous tire wheel cleaner composition contains an alkylene glycol, a salt of dialkyl sulfosuccinate, and as surfactants ethanol amine and an ethoxylate phosphate ester. A separately detectable internal testosterone standard can be provided in the sample. , with reference to a database, and thus the position of the vehicle, can be determined. The optoelectronic modules may include means for optical and/or wireless communication.

1459827824-ace7da01-0bfa-4d78-959a-dfd1ff3833b0

A method for manufacturing a semiconductor device. The first and second entities may use the key pairs to encrypt, decrypt, or sign and authenticate communications between the entities. The squeegee cut tread exposes the outer surface to the snow surface in the closed position when the ski bottom is in a non-flexed position. A machine control comprises a computer system according to the invention. An active power detector detects an active power of the synchronous generator. A surface flow generating device is positioned to direct a fluid stream to break up solid contents present in the region.

1459827825-012b299d-d299-472d-8394-4f489cd7b868

The present invention discloses a software development system for WIKIs including a WIKI server, a BLOG server, and a data store. Setting information by the user on access between a first management unit including at least one device of said plurality of devices and a second management unit including at least one device of said plurality of devices is accepted. Trailers containing freight are assembled into trailer assemblies using specialized dollies.

1459827825-44e45eed-41e4-4a99-afaf-00ab88641993

A computer-controlled robotic platform with a collapsible lifting arm that positions a non-destructive inspection sensor for scanning inside tunnel regions of a composite structure such as an integrally stiffened wing box. The resultant free flowing granular food product comprises a swelling powdered food material having a relatively large mean diameter and a relatively narrow span in diameter distribution so that the granular food product is dispersible by simply pouring it into a hot liquid. The linear guide is coupled to a fluidic spring and/or damping element which forms a load-bearing constituent part of the revolute joint. It can reliably prevent an operation error of operating the image forming section with the waste toner conveyance end sections left in an open state as the stay of the cover presses the first through fifth shutters when a waste toner box is not mounted. These registers define translation windows within which a transaction will be claimed and translated to the destination bus interface. The invention further provides a modified APP protein and associated nucleic acids, peptides, vectors, cells, and cell isolates, and assays that are particularly useful for identifying candidate therapeutics for treatment or prevention of Alzheimers disease.

1459827825-4a667bde-b5fe-40e9-93d6-ad57be66c8fd

In accordance with an embodiment of the present invention, control device and method are disclosed for reducing unnecessary data backup and restoring operations and increasing data read and write speed in a flash memory. Circuits such as a central processing unit and a memory, necessary to drive an electric device, are formed using single crystalline semiconductor integrated circuit chips. Data may be managed by resolving conflicts in the primary data as between the one or more application providers. The injection drug in each housing portion is sequentially delivered one by one by rotation of the rotating body.

1459827826-7f63c790-ee7a-4333-a566-ce6da34a257c

A deposition process for coating a substrate with films of varying thickness on a substrate can be achieved. The first level, second level, third level and fourth level form different portions of the termination identifier. The two blades may be of different lengths and, by suitable geometry and arrangement of the blades or of magnetic elements, the shorter of the two blades exerts a greater pressing force on the panel with its cleaning edge than does the longer. The trusted third party establishes a credit score for the buyer. The interposer may also be electrically coupled to the IC die.

1459827826-a53ce2db-575b-4fa8-ab38-3e6a3caaba5e

A system for the conversion of digital phase shift keying signals into digital amplitude shift keying signals. The multi-antenna structure includes a set of  $n$  antennas with beamforming capability. The control apparatus comprises a haptic input mechanism configured to provide haptic feedback responsive to a push input, and an integrated touch sensitive display forming a surface of the haptic input mechanism, wherein the touch sensitive display comprising a touch-sensing mechanism. As further log records are processed more information about previously unidentifiable relationships is determined.

1459827826-ae828d8c-112f-4362-b3b0-90c28d38f98e

System and methods may calibrate an AC rms voltage applied to a coronode of a charging device to achieve a predefined operating current at a target value of DC shield voltage. In accordance with the invention, the radio antenna is a planar antenna and consists of one carrier part of an electrically insulating material, of a coating applied thereon and of two spaced coating feeders having an electrical connection to the interstitial coating. The nut middle includes a threaded central bore suitable for threaded engagement on a threaded installation bolt, as well as a plurality of ratchet gears on an outer surface where each gear has a respective first slip surface and a first drive surface. The switch is turned on when the control signal is in the first state to couple the power source to the battery, and turned off when the control signal is in the second state to decouple the power

source from the battery. First and second protection diodes are connected between the base terminals of the first and second bipolar transistors constructing the input differential pair and the ground potential, respectively. Each data field in the primary database requiring anonymization is substituted with the anonymized value.

1459827826-bf4ba16c-f964-4516-8801-acfed89af107

A mechanical-puffer-type arc-extinguishing chamber includes a fixed main contact, a movable main contact that moves on an opening-and-closing axis in a connectable and disconnectable manner to and from the fixed main contact, and a mechanical puffer chamber that is provided in the movable main contact and blows compressed insulation gas to an arc. One example power converter includes an energy transfer element coupled between an input and an output of the power converter. Such early detection can prevent routing congestion problem that would be too expensive to fix later. A fluid valve is coupled to the processor, and is configured to allow an amount of fluid to exit the fluid region associated with the volume of the air region.

1459827827-83ca84f8-20ad-4f98-bd73-7bd6ba1469c3

A slide stop device of a hexagonal spanner serves for preventing a rounded edged inner hexagonal screw to slide as the hexagonal spanner drives the inner hexagonal screw. An RF power amplifier includes transistors, and a transformer as the output matching circuit. A communication section outputs the extracted analysis object information to the outside. The area of the arm which engages with the helix from the rear has an end area which is disposed on the rear side of the ear when the arm is attached.

1459827827-b23facdd-9f0d-48cd-ae43-ace1b7345fa9

Provided are a novel fullerene derivative which can adsorb quickly and efficiently an allergen which may cause a pollen allergy without releasing the allergen again, does not contain a metal or the like which may cause a harmful effect to a human body, and is easily applicable, impregnable, or chemically bondable onto surface of various materials: and a process for producing the same. An engine torque request module determines an engine torque request based on said adjusted pedal and an engine speed. The system includes a parallel data bus with sharing bus masters residing on each processing module decreeing the communication and data transfer protocol. The gasket includes a compressible strip of electromagnetic interference limiting material.

1459827827-f02bc132-745a-4bce-869a-470f25499d63

A method and system for coordinated interference suppression in a communication system. A control unit controls at least one of a first fuel flow rate of fuel and a first air flow rate of air based on the first frequency analysis result for the plurality of frequency bands. The untrained high-speed interface is in communication with the memory interface device.

1459827828-3937c702-2582-4db7-a9c3-8c84b634ef5a

A semiconductor package includes a lead frame having an interior region and leads surrounding the interior region, an integrated circuit, a region of insulating material, and a power bar. A key component of the invention is the use of optical imaging technology in combination with projective optics to make this revolutionary technology work. The processing apparatus stores the result of executing the processing in a memory if the connection to the processing request source is disconnected before the end of the requested processing.

1459827828-7a82867d-2033-40ca-8604-c1023a2f20ac

A device for satellites is associated with heaters that are turned on when the device is turned off and turned off when the device is turned on. Element end, features a contour, including element top surface segment, extending to bend, then

defining a tongue element extending downwardly along an incline, to inverted bend, which defines a tongue side having a tangent. The network access device communicates with the management device through the distributed network to control loads at a remote location. Moreover, the conductive layer also includes a dopant, and the dopant diffuses substantially to the surface of the top side of the conductive layer to form a dopant oxide layer when the conductive layer is annealed at the predetermined temperature and the dopant is exposed to oxygen. A source packet having a four byte TP\_extra\_Header attached to a 188 byte transport packet is generated, 32 source packets of 192 bytes each are collected, and aligned units generated equivalent to a three sector portion of data are recorded or reproduced on the recording medium. The methods comprise reducing the pH of a culture for a period of time and then raising the pH of the culture, wherein the culture comprises the presence of a first acid and the culture is contacted with a second acid to reduce the culture pH from a first pH value to a second pH value.

1459827828-896d0e24-cc99-4c4e-89ba-7967c1f5d08d

The invention relates to a method for preparing a sulphoxide compound of formula either as a single enantiomer or in an enantiomerically enriched form, comprising the steps of: a) contacting a pro-chiral sulphide of formula with a metal chiral complex, a base and an oxidizing agent in an organic solvent; and optionally b) isolating the obtained sulphoxide of formula. In an optional embodiment, wagers may be received prior to commencement of the game and/or at the intermediate point and resolved at the end of the game. Accordingly, an image is displayed on the standby screen even in a blank period that a TV image cannot be displayed well because of a preparation for displaying a TV image right after the transition to the standby condition, thereby promoting utilization of a TV broadcasting through the mobile terminal. As the player plays music, inputting potentially unacceptable notes, the inputted notes will be converted to musically acceptable notes with reference to the currently presented chord in the chord progression. The nanocapsules produced by the methods have been shown to have long-term stability, high cell penetration capability, low toxicity and efficient protease-modulated specific degradability without affecting cargo protein function.

1459827828-a08fd6b9-6b28-433f-96b8-326b8e75c137

The invention relates to an imaging member and a method for use therewith comprising an imaging layer and a base wherein said base comprises a closed cell foam core sheet and adhered thereto an upper and lower flange sheet, and wherein said imaging member has a stiffness of between 50 and 250 millinewtons and is conductive. In an embodiment, a service network receives a notification from an access network for a completed repair at the access network. The reference signal is sampled at the sampling rate, and a digital measured reference signal waveform is formed. Retention to the teeth is provided by adhesive on rear adhesive surfaces. One or more advertisements are requested for placement in the advertisement slot. The technique may further vary the width of the tracks.

1459827829-5ab5d062-c36b-4b33-a13b-17a15bcfe2b9

A foreign substance inspection apparatus includes a light projecting unit, a detector which detects the intensity of scattered light of light projected onto the surface of an object to be detected by the light projecting unit, in association with the two-dimensional coordinate position on the surface, and a processing unit. A headrest support secures a bun and is pivotally secured to the bracket in a forward biased direction. In addition, the server updates device information in the memory by requesting the image forming apparatus for the device information of the image forming apparatus in a case where the server shifts to the power saving mode. In an alternative embodiment, an anchor is provided on the distal tip for engagement with the far cortex of the bone.

1459827829-aaf44743-af27-4538-91c9-caaec43cb021

A method is provided for securely fitting an orthopedic brace to the body by means

of a plurality of straps, strap locks, strap attachment members, and strap connection members. The first electrode and the second electrode are made of corresponding different materials in chemical potential for hydrogen gas. The control wall has a distribution path. There is thus only required a very limited stationary sub-floor with a manure collecting device, i. , a pressure of from 1 to 50 kg/cm<sup>2</sup>, an H<sub>2</sub>O ratio of from 180 to 1800 liter/liter, and an LHSV of from 2 to 10 hr<sup>-1</sup> as an isomerization step.

1459827829-b0c324f2-7aef-4c42-8fd9-e3c7c08aa2e6

A nonvolatile semiconductor memory recovers variation in the threshold of a memory cell due to disturbance related to a word line. An automatic parcel volume capture system in accordance with an embodiment of the present invention includes stereo image input means, image processing means, feature extraction means, and volume measurement means. Based on the at least M interference signals and the N satellite signals received and capable of being processed, the navigation system computes navigation information for the first navigation system. The invention provides an increased stability of launching units for highwall mining.

1459827829-e6b39afd-c045-4b3e-b5f7-bcd3baed67fc

A catalyst material comprising an electrically conducting support material, a proton-conducting, acid-doped polymer based on a polyazole salt, and a catalytically active material. The shutter curtain engages the at least one retractable guide as the shutter curtain moves from the up position toward the closed position, biasing the at least one retractable guide to the retracted position, and in the closed position the shutter curtain engages the camber and allows the at least one retractable guide to move to the extended position. The first sign sleeve receives at least one sign and is mounted to a front surface of the sleeve support portion and the at least one second sign sleeve receives at least one sign and is mounted to a front surface of the first sign sleeve.

1459827829-ef09e5de-e7d2-414f-829c-232340d96fa4

A below main cable work platform support for hanging a work platform below a main cable of a suspension bridge and a method of installation thereof. The propellers are configured to not only propel the watercraft through the water but also to chop vegetation at or near the water surface. The metal nitride electrode may include a metal silicon nitride current-limiting portion. The plate and blanket cylinders are thus removable from the printing press and substitutable with replacement cylinders having a different outer circumference.

1459827830-05607f61-ca85-4461-bee4-7a97a4ecc120

A ratcheting handle actuator provides for a tool to actuate an intraluminal catheter system for treatment at an intraluminal site by repeated movements of the handle. The replaceable plug is plugged into that plug-in slot, while the front side of the replaceable plug is just adjacent to the closed-end wall surface of the plug-in slot, the power cord is connected to the open-end of the plug-in slot on the plug socket. In this respect the information is displayed at the same place alternating with the same type of graphics, but with different labels. The plurality of radial stiffeners is coupled with the bottom surface of the elastic reflector material and extends radially from a central portion of the elastic reflector surface toward the outer edge of the elastic reflector surface. The SC Optimizer provides Fuzzy Inference System structure selection, FIS structure optimization method selection, and teaching signal selection and generation.

1459827830-20c1dfdb-4453-4876-a64d-de2344476678

Magnetic tunnel junction magnetic device for writing and reading uses a reference layer and a storage layer separated by a semiconductor or insulating layer, which can include an antiferromagnetic layer adjacent the storage layer. Each post terminates in an upper extremity. The saturated catalyst is heated to a temperature exceeding the low range. An input end of the optical fiber is connected to a

semiconductor laser having an output power of 10 W. In the second step, it is determined that the object can continue to be stably held when a force which should be generated by a contact portion to generate resistance to the predetermined external force is included in a friction cone of a force generated by driving the contact portion and enlarged by a suction force from the suction mechanism.

1459827830-257acc2c-8ec6-4e4d-9d93-42eb58f83358

An Illuminated electrical plug adapter assembly utilizing an Illuminating module assembly comprising Light emitting diode, Controlling means and Battery, removably contained within Adapter body. The client computer uses a standard HTTP-browser. The urn distal attachment is configured and sized to be selectively attachable to the cap proximal attachment.

1459827830-4e32e263-5e98-428b-9c3a-bda9f5f3deee

A universal power distribution system is provided for routing electrical circuits within a building structure to comprehensively provide electrical power to the building in ceiling configurations, wall-mounted configurations, raised floor configurations and in office furniture configurations. The particle detector is capable of detecting a particle with high signal-to-noise ratio and resolution, scanning a sample without mechanical motion of the conductive nanolayer and analyzing DNA base sequences. As a result, the TFTs and wires in the display area are prevented from being destroyed by the static electricity.

1459827830-b7388791-b753-4df3-abcd-f9912e4f4b84

An inkjet nozzle assembly includes a nozzle chamber having a planar roof spaced apart from a floor. In said system, the optical guide means has Kerr nonlinearity and low polarization mode dispersion. The bucket still further comprises at least two wheels mounted to the bucket at the back face about an axis at a bottom area thereof. The number of subchannels and a product of a modulation order and coding rate are extracted according to input variables for the selected MS.

1459827831-122e613d-4c24-4add-8f8c-4b33e6da0e59

In a method for diagnosing an injection valve, in an overrun fuel cut-off phase the fuel supply to the fuel rail is closed, and after the fuel supply has been closed off a first fuel pressure in the fuel rail is measured, and after the first measurement of the fuel pressure an injection valve is actuated for a test injection. The multiplexer includes a plurality of first conductors coupled to the first ends of piezo ceramic elements in corresponding rows and a plurality of first switches each of which is coupled to a respective one of the first conductors and a plurality of second conductors coupled to the second ends of piezo ceramic elements in corresponding columns. By employing an iterative process including this search for optimal coefficient indices, joint improvement of run-length coding, Huffman coding and quantization table selection may be achieved.

1459827831-73afb1c1-0632-408d-be62-f0f7103ba270

An assembly machine for assembling disposable syringe-driven filter is provided, which includes a rack and an automatic controller arranged on the rack. A plurality of pairs of overlapping recesses in the cylindrical surface of the drum. The proximal portion of the rotatable member may be disposed on a distal side of the plane when in the stowed configuration and disposed on a proximal side of the plane associated with the opening when in the deployed configuration. The cylindrical roll of sheet material is desirably mounted on a portion of the roll support. The new variety is a *Dicentra spectabilis*, suitable for outdoor landscape and container use.

1459827831-97f60e8d-baea-4beb-8da0-b6b97869d4f3

An accumulator apparatus for accumulating one or more sheets or articles is provided and includes a sheet accumulator portion for accumulating one or more sheets or articles, a ramp disposed upstream of the sheet accumulator portion



relative to a flow direction of the sheet or article, an actuator and a pusher plate connected to the actuator. A training mode for calling up warnings may be started via an input unit, in which the warnings are output following a call-up without a situation, for which a warning should be output, actually having to exist. Devices with CuBO<sub>2</sub> thin films include p-type transparent thin film transistors comprising thin film CuBO<sub>2</sub> as a channel layer and thin film solar cells with CuBO<sub>2</sub> p-layers.

1459827832-10ad4821-141c-4648-b27e-7e6c64408f93

An Internet-based analysis tool follows, in real-time, the flow of traffic through a website. Each processor is connected to at least two other processors, each of which is a mirror image of the first processor. Collected materials can be processed on the common disc-like recording medium from image pickup to editing. The cam follower arrangement advantageously includes an advance piston spring which is housed within a spring cage received within a lower portion of a return spring for the pumping plunger. To this end, the address of management information is identified with reference to a management table recorded in a fixed area on the optical disk, and a recording format is selected for the management information to be recorded in combination with an extension file.

1459827832-2512c7da-ac06-4f0a-ac69-b17742d31e7e

A systems design is disclosed which converts Geopressured-Geothermal brine into saturated brine in concert with the production of electricity from GPGT brine energy. A local area computer network receives and responds to messages to or from the control network via the wireless ground stations. Location processes are provided for finding a vehicle left in a parking area, and for locating items that are additionally described in messages displayed on the electronic device. Models include element lists comprising element chunks. The plurality of inflatable and deflatable sections may further include a head rest section and a head tilt adjustment section. They display very good catalytic activities, good operating lives, and require little cocatalyst.

1459827832-61cab722-ca8b-450f-986f-10df66700fc8

A fluid flow indicator including a disk and spring assembly positioned within a fluid conduit whereby the pulsing force a fluid input biases the disk and spring against an electrical contact thereby completing an electrical circuit and illuminating a visual indicator. Optical unit such as a reflection mirror and an optical waveguide medium is provided at a position in a laser resonator near a laser optical axis and not blocking the optical axis. The transfer assembly provides drive torque to a front differential assembly driving the front wheels and a PTU gearset driving the rear wheels.

1459827832-81abb4f1-faa8-4149-981c-37de41b06ed0

Embodiments of the present invention disclose a method, computer program product, and system for optimizing execution of a query that includes a JOIN against a system utilizing data relationship concepts. Data to be delivered to multiple destinations is stored in memory. The first language-training example is translated to a second language output. The lead frame has a pair of fixing bar and inner leads.

1459827832-e6def949-d8d8-4cf0-8fe3-34a0c1dc55cc

A dust collection conversion device for facilitating removal of dust from the area of work piece when a user is working on the work piece. A display model is generated on the screen. The phase rotator adds, based on the phase rotation amount, a phase rotation to reference signals and a data signal of each subcarrier of the plurality of subcarrier groups.

1459827833-5feafd65-056a-4917-aa04-c76cc1847c23

A manufacturing apparatus is provided for manufacturing a tubular resin film of

high quality and little thickness variations, which is stretched and given an orientation, and suitable as retardation film or the like. At the bottom of the housing are a pair of outlets and a condensate trap spanning across that facilitates condensate transfer from the cool side to the warm side for evaporation out of the warm side outlet. At least either of the oxidizing gas and the reducing gas is jetted into an upstream region S1, a middle region S2 and a downstream region S3, with respect to the flowing direction of the gas, of a processing space S containing the workpieces W. The high frequency stimulation may begin with a relatively low amplitude, and the amplitude may be gradually increased. Here, the auxiliary capacitor increases the data voltage according to a level change of the scan signal. After the set of requested digital images are determined, request data, that identifies the set of requested digital images, may be sent to the requestor.

1459827833-ead24f3f-8d24-421c-9d52-73d9196d5600

Exemplary embodiments of an improved scanning tool with a module reprogramming capability are disclosed. The launcher is fixed on the cable and comprises a substantially cylindrical inner body with a rigid outer body adapted to rotate about the inner body. The power management interface coupled to the processing unit is operable for switching the satellite navigation receiver among the operation states according to the time durations. In the glass, a coefficient of thermal expansion in a temperature range between 30 and 380°C. The radial configuration represents a time period and includes a first radial section and a second radial section disposed about an axis point at different radial distances from the axis point. The apparatus also includes a mode setting unit which sets predetermined operation modes based on information of the external input which is input to the switching unit, and a control unit which controls the operation of each unit of the apparatus according to the operation mode set by the mode setting unit.

1459827833-fb600e7f-4bc6-40c9-a3f3-526abbcca435

A radiation detector is provided that has no fluctuations in detection sensitivity and is capable of suppressing the influence of the noise emitted from a light source. In the data linkage system with a means for data transfer via a storage device, a program generation tool is prepared in the open system. A device for making a filter material. However, when a transmission attempt of the voice signal is unsuccessful or when transmission of the voice signal terminates, the signal selector and method restore default communication of subsectional signals of the first transmit signal. When displaying an image, a selection is made between displaying the image represented by the group 1 and displaying the image represented by the group 1 plus the groups 2 and 3. A recessed depression portion having an opening portion on both an inner periphery of the valve seat and a seating surface of the leaf is formed in the valve seat, thereby creating a site where the pressure of the working fluid on the inner side of the valve seat can act more easily on a seating surface between the valve seat and the leaf valve.

1459827834-4b15dd66-bb8d-45f9-8651-94f66efb7c89

A disposable diaper using elastic sheet materials so that a contact surface pressure may be locally enhanced and thereby the diaper may be prevented from being noticeably displaced on the wearer's body during used thereof is provided. The communication device allows users to communicate with others using their own preferred language and the communication device provides a translation for each user in their preferred language. A second partition element separates the transition flow region into a first transition flow chamber and a second transition flow chamber. The word line booster circuit further includes a third boosting capacitor operatively connected to the first and second boosting capacitors via a charge-sharing transistor, the third boosting capacitor being connected to one end of a load resistor to generate an output signal at the other end of the load resistor when the charge sharing transistor is enabled. However, a response to a member's inquiry is determined by a reciprocity due to the inquiring member.

1459827834-55b5806d-c549-4ff2-8899-099c11ea337b

The large-scale process and environmental variations for today's nano-scale ICs are requiring statistical approaches for timing analysis and optimization. The bias charge roll member is supplied with an electrical bias having a variable voltage waveform onto which a DC bias is superimposed. The method includes the steps of forming a core of substantially transparent plastic and applying a plurality of coats of material to at least one surface of the core, which material is substantially transparent to humanly visible light and which is opaque to light in the infrared portion of the light spectrum.

1459827836-4aafb7d9-a605-46c1-8da8-1d49485a7a13

A \u201cmesostructure renderer\u201d uses pre-computed multi-dimensional \u201cgeneralized displacement maps\u201d to provide real-time rendering of general non-height-field mesostructures on both open and closed surfaces of arbitrary geometry. The control circuit also includes a PWM splitter circuit that receives the master PWM signal and provides a first PWM signal for a first switch and a second PWM signal for a second switch. The main controller determines whether or not a calibration procedure is being executed. The closing and flow restriction member has at least a first area and a second area, which generate forces in opposite directions, when the component pressure is applied, wherein the areas are sized in such a way that the opposing forces substantially offset one another. The sums of the elements of the matrices are taken as focus evaluation values of the original image in the X- and Y-directions, respectively.

1459827836-cfdffdd8-f814-4a8b-a730-33bd64a51f11

The present invention provides a laser irradiation apparatus which can accurately control positions of beam spots of laser beams emitted from laser oscillators and the distance between the adjacent beam spots. Phase change material having a phase change temperature within a preferred operating temperature range is employed in order to maintain the battery temperature within the preferred operating temperature range during extreme ambient temperature conditions. A response to the request is communicated.

1459827836-e0b83bab-6917-4e2a-83ef-b21069aed6e7

A plasma etching method and apparatus in which a processing gas is supplied from a shower plate arranged on an electrode opposed to an electrode for generating a plasma or a sample toward the sample center, and the gas is transformed into a plasma thereby to etch the sample. In one embodiment, a method is provided for determining synchronization information in an Orthogonal Frequency Division Multiplexing broadcast. A method of making a container assembly comprises the step of molding a container body over a portion of a reinforcement.

1459827837-37a4b042-8e26-4206-b4a7-eba48980340c

Disclosed herein is an edge-type lighting device which is configured such that when a light guide plate thermally expands, a light source is prevented from being pressed. Multiple display screens, each coupled to a computing device, can be arranged in a circular formation surrounding a user. The electrode wire further includes retaining bodies formed on the first end and the second end of the wire portion. The external supply voltage VDD is disconnected from the integrated circuit chip during idle periods. The deckle part has been arranged to be supported so as to be movable in the longitudinal direction of the machine and that the deckle part additionally comprises a mounting point at which the deckle part is secured so that, in the service position, it is substantially immovable at least in the longitudinal direction of the machine.

1459827837-60c70713-4314-4bc5-9b26-09abe0e04c31

Disclosed is an expandable transluminal sheath, for introduction into the body while in a first, low cross-sectional area configuration, and subsequent expansion

of at least a part of the distal end of the sheath to a second, enlarged cross-sectional configuration. According to the disclosed method, a transmitting processor holds a request-to-send signal in an active state for a prescribed period of time so that a transmitting DMA logic of a receiving processor can be initiated after the operation of a receiving DMA logic of the receiving processor is terminated. Copper hillocks are also suppressed by doping a copper layer with a dopant that will constrain the grain size of the copper during subsequent processing. Then one or more of the set of cross-allocated blocks are deallocated based on results of the user-defined repair process. Treatment is accomplished through the use of topical compositions containing one or more copper or zinc salts and/or copper-zinc compounds or complexes, particularly copper-zinc malonate active ingredient. A first monitoring zone is monitorable with regard to a faulty position of the cleaning cloth, and is disposed downstream of the contact zone in a travel direction of the printing material.

1459827837-73398316-e246-4d21-a8f7-f0e02caa32d7

A fuel dispenser with a booted nozzle for vapor recovery is modified to include check valves in a vapor return path. The clock gate functions indicate an activation state of the clock gates and a combination of output values from sequential circuit elements in the target circuit are substituted into each of the clock gate functions to obtain clock gate function values. A speaker and adjustable leg are mounted adjacent each of two opposing sides of the backrest portion. The linked AT commands and operating code may be executed. Forming the active region of the device and then encapsulating it such that one or more of the registration markers are still visible to allow correct positioning of surface electrodes.

1459827838-3f4d6bdb-bd44-4491-a3c0-5b9a3dd69ae6

The present invention is an orally administered liquid pharmaceutical composition that demonstrates excellent physical stability while delivering concentrated levels of the pharmaceutical active. The integrally weighted cabinet is able to satisfy load bearing and tip over standards without requiring the addition of separate weights. Longitudinal grooves are defined in the arc-shaped top and extend along a longitudinal direction of the base that is orthogonal to the arc-shaped top. The gates of the third and fourth pull down transistors are coupled to a control signal and the inverted delayed control signal, respectively. In combination these traits set \u2018ROMAN BEAUTY\u2019 apart from all other existing varieties of Rosmarinus known to the inventor.

1459827838-868a1317-ec99-4bc8-8aa6-39395e98d516

A rifle scope indicia system preferably includes a mounting base, a marker turret and a plurality of marker pins. Specifically, an anvil stack in an anvil assembly has a foil interface with a composite layer containing, e. One electronic apparatus connected to the digital bus inquires of an electronic apparatus connected to the digital bus whether it is a monitor apparatus that receives the data mainly through a channel formed in the broadcast connection mode or not, and channels connected in the broadcast connection mode are allocated to monitor apparatus respectively.

1459827838-ab26fe42-9e59-4d3d-97bf-4f2923283737

An advanced primary nurse care system and process is disclosed which is client-driven for processing a number of clients in a timely manner with enhanced healthcare outcomes. Each article includes a band formed of one or more lengths of twisted inter-spiraled wires formed of said material. A coating material that is capable of preventing oxidation of the elemental material and an oxidizing agent may be present and be capable of reacting with the elemental material so that a self-propagating high temperature synthesis reaction from a stabilized solid material is yielded for the purpose of rendering terminal effects or thermal impact to a target at impact.

1459827838-ed00493f-dc61-49f4-8ab3-85aa565598a9

One system of the present application includes an electric power generation device structured to provide an AC electric power output at a target frequency. The abrasive articles are fabricated using a metal matrix. The energized power line conductors conduct both the data signals and the power. The storage capacitors may be charged via a charge path independent of the auxiliary converter output path so that the storage capacitor charging rate may be set independently.

1459827839-608281bf-595e-4075-b1fb-20a1b63079ca

A location-related entity ranking technique is described that allows a user see the ranking of location-related entities near a desired location in response to a query. The fastener body has an end functioning as a connecting head, and center of the fastener body forms an axial threaded bore. These polymers can also display an unusually high stability with respect to solvent and heat exposures. The activity may be a video game, electronic board game, sports bet, card game, or any other activity, and may be performed against the seller, a pre-programmed software opponent, a computer opponent, another buyer competing for the same or a different product, a player participating as a player only and not as a buyer, or anyone or anything else.

1459827839-63b0c20e-a302-4c5f-b285-8399be4e8679

Colloidal metal particles having a coating comprising non cross-linked, SH-activated dextran or aminodextran. Coefficients relate the two signals according to a model defined in accordance with the present invention. The external bus master is connected to the data processing device via a second bus so as to process data. The knob and the lever are coupled to a single control member which extends through the coil to a joiner where it is joined to a pair of pull wires coupled to the jaws. Selected sequences of N elements that represent possible sequences of phase differentials are evaluated using multiple-symbol differential detection.

1459827839-b9240904-445c-4222-af78-9980a038deac

Data may be modeled as an undirected graph. Oscillation characteristics of the actuator are calibrated to control a sink current that drives the actuator during an autofocus. Privacy boundaries on the user device control transmission of natural identity information to other entities such that, without user consent, computers outside of the user device have insufficient data singly or combined to determine a natural identity of the user. The integrated circuit can be part of an FPGA or FPGA fabric. The charge trapping layer is disposed between the first conductive layer and the second conductive layer, wherein the first conductive layer has a sensing region therein when charges stored in the charge trapping layer, and the sensing region is adjacent to the charge trapping layer. The mirror box and the main body are made of a first material having a first thermal expansion coefficient and a second material having a second thermal expansion coefficient, respectively, the second thermal expansion coefficient being smaller than the first thermal expansion coefficient.

1459827839-cebaf988-8e3e-49c9-b66c-a36d662d9eef

Copper seed layers for use in damascene structures are commonly deposited by CVD because of their superior step coverage. Induced noise has independent effects upon the current function and voltage function of an inductance measurement circuit. The data management device includes an application authentication module, a mapping module, and a local storage display module.

1459827840-5baff04c-9824-44b1-b66c-c1ba7b8bb254

A language model for a language processing system such as a speech recognition system is constructed from training corpus formed from associated characters, word phrases and context cues. The control unit further executes calculation of target airflow rate, calculation of target intake pressure, and calculation of target boost pressure based on the target torque. As a user reclines, the plurality of

rollers operatively engage the plurality of ramps to lift the seat of the apparatus.

1459827840-713a8445-b4fe-40cd-92da-77cb463e8374

An ostomy irrigation system and an ostomy port useful therewith permit independent, hands-free irrigation by a user having an ostomy or surgically created reservoir. The systematic employment of this information offers substantial improvements in productivity, cost savings, cycle time reductions, product integrity, and lifetime supportability of the system. At least one resonator chamber element is attached to the air filter housing and is connected with the filter chamber by at least one air-conducting channel or slot. As a result, small microlenses can be provided with longer focal lengths.

1459827840-8faef141-41af-49cf-80cf-fafbb9b89957

An apparatus and method for improving control over the milling force applied to a milling bit that is turned through a rotary drive to form a hole in a wellbore casing. Therefore, this invention dissipates as little as 20% of power of the present drive circuits known in the art. The belt contacts the roll surface in a contact region and has a second temperature that is different from the first temperature of the roll such that the belt affects a temperature change in at least a portion of the surface of the roll in the contact region as the roll is rotated. Instead of having publication occur first, the Presence Source makes a subscription for the Watcher information first or simply waits until the Presence Server contacts the Presence Source.

1459827840-96dbdad9-b4a7-4d51-80f3-6c2c082a1cab

Apparatus is provided for improving athletic performance of a user, including a flexible insole, adapted for insertion into a shoe, the insole shaped so as to define one or more chambers. A user equipment can detect a home nodeB and communicate such identification to a macro network that includes at least one node base station. An aspect of the present disclosure also describes the application of evaporative cooling to a pet shelter. The emergency light module includes multiple LED modules and a bracket set.

1459827840-d4d3c9d8-e32b-4784-a478-7d5c0b91457f

A coating suitable for use as a bondcoat for a thermal barrier coating system includes about 5 to about 10 weight percent of aluminum, about 10 to about 18 weight percent of cobalt, about 4 to about 8 weight percent of chromium, about 0 to about 1 weight percent of hafnium, about 0 to about 1 weight percent of silicon, about 0 to about 1 percent of yttrium, about 1. The matrix and the nano-particles comprising the coating may be of or include the same metal or a different metal. For this purpose, the installation state is detected by the sensors themselves, i.

1459827841-3e59a694-ff82-4b79-b24f-592b392283cc

An integrated circuit includes a first, diode-connected MOSFET and a second, linearly operated MOSFET serving as resistor. The first cache control logic may be configured to generate a first prefetch request to prefetch first data, where this request is to be aborted if the first data is not present in a second cache memory coupled to the first cache memory. The volume of the float chamber prevents inadvertent shutoff of fluid due to normal perturbations in flow to the load. The other portion of the L extends up the back of the automobile seat, and is provided with a reflective surface such that a child in a rear facing car seat will look directly into it.

1459827841-77b78c78-e58d-4759-996a-099ef990f9b9

The present invention relates to a method and apparatus for measuring interference in a wireless communication system. The colored flame candle according to the present invention comprises a candle body and a candle combustion wick, wherein the candle body comprises a primary combustion agent, a higher fatty acid amide and a

higher fatty acid triglyceride as the strength- and flexibility-modifier, a color-forming agent and conventional adjuvant such as perfumes and pigments. Such implementations may also involve parsing the source code to create the component definition and transmitting an intermediate representation of the requested component to the client device. This information is integrated with information on the treatment beam characteristics to better match treatment beam coverage with minimal overlap with healthy areas of the fundus. The equation processor computes a result of the first equation using the acquired first data. A first measurement signal from the first sector is substantially in response to returning energy which results from the interaction of the applied energy with the mud mixture.

1459827841-ea7095c0-a0be-4e04-9925-75269b335777

A rotatable base apparatus for use with a hose reel enclosure. A preferred methodology focuses on flexible and careful consideration of human factors throughout the change process, with frequent status re-assessment and plan re-alignment. The device can be used to move material such as dirt or sand in a manner which allows easy leveling of the material. One lock is created for each object management system component associated with a particular service within the system. The mandrel cupping assembly comprises a cupping arm turret having a cupping arm turret central axis, a mandrel cup cooperatively associated with each mandrel of the plurality of mandrels, at least three motion limiting devices disposed upon the cupping arms distal from the fulcrum, and a first actuator. In a specific embodiment, monochromatic blue or UV light output from a light-emitting diode is down-converted to white light by packaging the diode with fluorescent organic and/or inorganic fluorophores and phosphors in a polymeric matrix.

1459827842-11b84d9f-c980-46ff-bb40-386033cafe1b

A computer-implemented system for managing purchasing orders for a plurality of items to be purchased is shown. A hydrodynamic bearing mechanism 40 of the hydrodynamic bearing type rotary device is formed of a sleeve 1, a shaft 2, a flange 3, a thrust plate 4, a seal cap 5, and oil 6. The result rich exhaust air then passes through an oxidation catalyst, where NO<sub>x</sub> is reduced with CO and HC. The optical surfaces have a high value of elastic modulus, reducing coma and other aberrations associated with gravity and acceleration.

1459827842-34c037ab-0fc3-45cb-9b5a-3991812129cc

The present invention relates generally to systems, methods, and computer program products for optimally allocating a fixed number of bits among a plurality of multi-media data channels. Feed enters the gas-phase thermal zone, where it passes to a liquid-phase thermal zone. Heat is absorbed into the fluid from the heat generating portion, and the fluid changes from a first phase to a second phase different from the first phase when the heat is absorbed. Finally, the material including the surface layer is exposed for the gas and the penetration of the gas into the material through the surface layer is measured.

1459827842-573c854f-f293-4aec-8148-c46e7ebd0ccb

A liner top packer is configured to be secured in a liner string, such as in a liner drilling operation. The prediction unit predicts target data and judges whether prediction is right or wrong. The invention further relates to a method for operating a fuel system.

1459827843-413ce9e3-5fc6-4e19-aff1-84c5a72d74d7

Objects of the invention are to provide compounds having excellent activity against interleukin-1 production and also medicines comprising them as effective ingredients. Symbol decorrelating means detecting correlations between spread codes allocated to spread spectrum signals to be removed and a receiving signal. The dual-resist method not only reduces the final gate length, but also mitigates the gate recess undercuts, as compared with those fabricated by the conventional single-resist processes. A spatial filter is designed so as to be effective at

separating up and down propagating acoustic energy over substantially the entire range of non-horizontal incidence angles in the fluid medium.

1459827843-71753bdb-3423-41ef-92ab-5326178f952e

A Continuous-Time Delta-Sigma Analog-to-Digital Converter for a radio frequency receiver employing a 200 kHz IF realizes an optimal signal-to-noise ratio using a programmable resonator that is set to resonate at 200 kHz. A spout engagement channel is positioned on the bottom surface of the body. The thrust force applied to the main shaft 13 is supported by electromagnets 17. Thereafter, the adjusted working signal is provided to the processing unit. In a second preliminary phase, a second specific software item, functions as an interface with said lower layers, of the second protocol stack and with specified layers of said first protocol stack, and is installed in the terminal. Conductive structures are arranged in regions on the electrically insulating layer.

1459827843-820c97fe-3ce4-4273-89f2-f57b63733e21

A sense circuit is provided connected to a control loop of a circuit having an output. The system comprises a brake controller coupled to the front regenerative braking system and the rear regenerative braking system, and the brake controller is configured to receive a braking request, a first amount of braking that is available from the front regenerative braking system, and a second amount of braking that is available from the rear regenerative braking system. The path segments of the movement run at the two different levels are each located on the same side of the exposer. Such acidity measurement is conventionally made using a glass electrode. The first attachment section is attached to the first foam strip; the second attachment section is attached to the second foam strip; and the middle section extends from the top surface of the first foam strip to the bottom surface of the second foam strip when the middle section is stretched out straight.

1459827843-fc3cecc0-6e87-4cc5-9799-c8870bc0ea42

The present invention relates generally to amino acid derivatives and to methods of making the same. The wedgebond pad has a surface which includes a curved or v-shaped feature for receiving a wedge bond. Front end portions of the plural wave-shaped portions of the hood inner panel are positioned further toward a vehicle front side than a rear end portion of the lock reinforcement. A second photomask process is conducted to pattern the protection layer, the second metal layer and the gate dielectric layer for forming a gate, a scan line and a second pad, and a part of the drain is exposed. A bedding sheet is disposed above the left and right frames, and has two opposite ends respectively connected to the mounting ends of the left and right frames such that the bedding sheet will be stretched when the left and right frames are disposed at the unfolded position and that the bedding sheet will be folded when the left and right frames are disposed at the folded position. The compounds are used for the prevention and treatment of pathologies deriving from said activation.

1459827844-014a7fd1-ccb7-494f-8eaa-7ffa7d2cfbbd

A ceramic material with a negative temperature coefficient of specific resistance has the general formula  $\{1\text{u}2212\text{xx}\}\text{z})\text{O}_3$ . In addition, an interlocking device moves the support between the exposure position and the retracted position in association with movement of the tray toward the outside and inside positions. Different foam molds can be used to form differently shaped front surfaces on the foam component. The hub includes a first tab extending outwardly at a position which is exposed from the outer shield, and the outer shield includes a second tab.

1459827844-2e0f3643-bc2d-413b-93ca-4530baad4a1b

A piezoelectric thin-film resonator includes a lower electrode provided on a substrate, a piezoelectric thin film provided on the lower electrode, and an upper electrode provided on the piezoelectric thin film. A preferred aim of this is solved by providing two or more magnetoresistive effect elements which are



electrically connected in series to each other and by selecting one of the series-connected elements depending on a direction of a current carried in the series-connected elements, a magnitude thereof, and an order of the current thereof for performing the writing operation. A related method also is disclosed.

1459827844-a5375803-4d4b-4e94-8799-e4e2ee56d86d

A burn-in socket assembly for receiving an IC package has a base defining a cavity for receiving the IC package and a loading member retained in the cavity. Next, the network checks the authenticity of the user using a ciphering key, corresponding to the temporary user mobile identifier and a random number. The current pushes the fabric scoops downstream and then fold closed as the fabric scoops are rotated out of the water and travel back upstream. The housing is rotatably connected to the cover and operable to be covered by the cover. First and second address pits are disposed in the address area on an extension of a boundary between the groove and the land and the first and second address pits are disposed to satisfy predetermined requirements. The microcomputer estimates time required for a crank shaft of the engine to rotate from a present crank angle to a designated crank angle.

1459827844-b98cf67e-cf77-4a71-ab34-0d58c536dea2

A cup lid dispenser is characterized by a cylindrical housing for containing a stack of relatively flexible cup lids in vertical orientation with a lip of the bottommost lid supported at points around its circumference on a plurality of shelves within and around a base of the dispenser at a lower end of the housing. The auxiliary conductive patterns can be substituted by conductor sections which are provided in the insulating sheets at the positions facing the through-holes provided in adjacent insulating sheets. Compressed code is entered for the programs to be blocked. The azimuth sensor unit senses sunlight to generate an azimuth signal. The identification code does not disclose the identification string, but is able to confirm the accuracy of the identification string and selectively correct a given number of bits within a corrupted identification string.

1459827845-348972fe-d89e-417d-8533-6b877f78743a

This disclosure is generally directed to communication systems, devices used in communication systems and associated methods which may implement parallel hypothesis search techniques. A metal layer selected from a group consisting of titanium, cobalt, platinum, palladium and an alloy thereof is formed over a silicon layer. A match region whose boundaries are defined by the selected features of the devices on the golden boards is established during the training phase. Information may be shared through direct communication between base stations, or may be managed by a controller.

1459827845-b4f927d5-58ac-46bf-9b54-dce093a5b145

An apparatus for reproducing information units recorded on a recording medium in a hierarchical structure having a plurality of levels. The method comprises mixing a polyisocyanate crosslinker with a base TPU cover material, wherein the polyisocyanate crosslinker is aliphatic, miscible with the base TPU cover material and has functionalities greater than or equal to 2. Mean squared error values are computed from a plurality of samples, while a start sample position of one block is shifted on a basis of a start sample position of the other block. The flex joint improves bending fatigue life of the top chain. When several prizes or prize options are displayed, the user may select a desired non-monetary prize, e.

1459827846-184d9fd1-d301-4780-8f98-5df708f247e2

A multimedia safety analysis system used for system safety training and as an information repository is disclosed. When greater-than-specified electric power is being input from both the first input section and the second input section, the control section controls the state of connection so as to prioritize connection of the second power source to the inkjet head driving system over the first power

source. According to another preferred aspect of the invention, the fluid flowing through the heat exchanger is oxidizer tapped from the storage tank. The capacity restriction is related to the requested upgrade adjustment, and the capacity restriction controls rates of data transfer with respect to the filesystem. The front region faces the interlayer dielectric material.

1459827846-4d3b2c79-5f82-4a3a-b7ca-8a4e2fe4dc40

The weight sensing device may include a base, a cover, a first load cell attached to the base and the cover, a second load cell attached to the base and in contact with the cover but not attached, and an analyzing circuit which is connected by electrical wires to the load cells. During operation, the network device can receive an Interest packet that includes a name or a name prefix associated with one or more target entities for the Interest. A photodetector receives the measurement light reflected at or transmitted through the scale. In turn, images, corresponding to the thumbnail size medical images encompassed by the navigation rectangle, are displayed on a monitor that corresponds to the navigation rectangle. The supporting element is disposed between the first and second substrates, and supports the second substrate.

1459827846-a274dd39-d7d5-454a-adbf-fd62b52cd2c4

The present disclosure provides, in some embodiments, a method for managing applications and resources. The MEMS structure includes a backplate electrode and a 3D diaphragm electrode. Two rows of contacts are held in an upper contact area.

1459827847-1c59a9df-a510-4c9a-85a0-be52219e7bb7

A device for measuring and isolating noise-creating imbalances in a paired telecommunications line has an internal circuit which comprises a balanced center tapped termination consisting of precisely equal resistor pairs. In one embodiment, the ladder assembly includes a base which is coupled to the tailgate. The bottom edges of the jaws are brought into alignment to form a cutting edge when the jaws are forced together, and separate to perform a splitting action within a cut when the jaws are moved apart. An arbitration takes into account availability or congestion of the ports before allowing data transport from device to device.

1459827847-34253828-3238-46da-a5a2-dcf7382f8d20

A memory circuit having features specifically adapted to permit the memory circuit to serve as a video frame memory is disclosed. For the manufacture of such an assembly, a device is used for filling with casting compound and which includes a mounting for securing the assembly in a position which permits air to escape from the casting gaps, which have an external connection during filling. with a T10 point greater than 205\xb0 C. An upper part of one of the flanges accommodates a shaft which supports an end fitting. , adjusting the tension in the web material.

1459827847-3bdfdf346-24f8-4373-9526-0d3db61997a3

A hard surface cleaning solution having improved cleaning and descaling properties. Also, a method for making the reflecting device for flat panel displays is disclosed. The detecting unit is configured to detect selection information entered by a user.

1459827847-4465bd20-a454-47a7-9e4b-9e2211026c6a

A method for specifically quantifying HDL cholesterol in which cholesterol in lipoproteins other than HDL is erased in the first step, and HDL cholesterol is specifically quantified in the second step, by which accurate values can be obtained even in measurements of abnormal samples such as disorder of lipid metabolism and lipoprotein abnormality, is disclosed. The operation of writing is performed by forming a filament in a region between the second and third semiconductor layers, which is a conductive path electrically linking these semiconductor layers, through application of a voltage equal to or higher than a predetermined threshold between the first electrode and the second electrode. In at

least some embodiments, the write-tracking circuit is configured to write the different values to the one or more dummy memory cells during a single write operation. A control slider which is actuated by the control motor is coupled gearwise to the slide rods so that when the control slider is displaced, the slide rods carry out a movement in opposite directions.

1459827847-8ec24067-8d14-415e-bc54-1bcd36c121a5

A spectrum allocation method, device and system are provided, which are capable of improving the flexibility and applicability of the frequency spectrum allocation system. The first protrusion of the joining component is fitted into the groove part of the first speaker unit. The data is organized from the viewpoint of an analysis process of an analysis item of each sample. A preferred set of prices for the plurality of products based on the sales model and cost model is then generated. Each data block of the data to be written is associated with a respective one of the storage blocks, for transmitting the association to the plurality of storage devices.

1459827848-55a00841-58bf-4cae-8dcb-6c025bb0f79a

Several embodiments of simplified structures for internal combustion engine timing drives that limit undesirable degrees of movement of a flexible transmitter pivotal arm by providing one or more projections on a removable component of the engine such as the cylinder head gasket that provide contacting edges that cooperate with the tensioner arm. This combined tool is comprised of a dart-like body having a longitudinal axial bore. Lateral current flow from sourcebody regions on trench walls increases the active channel perimeter to a value well above the amount that would be present if the device was fabricated on just the surface of the wafer.

1459827848-822bc082-f1bf-4615-bd9b-22159676667a

A method for manufacturing socks with a circular knitting machine having at least two feeds or drops, consisting in producing the sock starting from its opposite end with respect to the toe. The rotation detecting sensor is fixed to a sensor fixing member to be fitted to a wheel support bearing assembly. An actuator actuates the reflecting mirror to enable the image sensor to sense a plurality of scan lines on the calibration sheet through the lens and the reflecting mirror in order to obtain a calibration standard for the image signal of the document. Application of the voltage pulse to the electrodes stimulates contraction of the heart. This housing part includes a main frame and at least one locking frame.

1459827848-8a93de8b-fbea-43da-9194-c606684944b6

A presentation controlling device includes a presentation controller, wireless transceiver and a timer program. The compressed signal is filtered to generate a filtered signal comprising substantially the known signal, and the filtered signal is expanded. Two studs serve to fix the casing so that the casing is rotatable to protrude out of the frame body and can be drawn back into the frame body to be placed on the lower supporting rods. Using samples from a footprint larger than a single pixel, a gradient is calculated matching the direction of an edge.

1459827848-91808e92-6508-468f-80fb-e1802bc2fa8b

A sampling probe for delivering a reactant to a substance deposited on a substrate to form a reaction product and for transporting the reaction product to a product analyzer for analysis. This environmentally hazardous method and the problem of recycling the foam back as well as the latex layer can be avoided if a nonwoven is applied instead to the tufted back of the carpet by water needling. The call is connected to the UMA-subscriber when the location area code or combination of location area code and cell identifier is associated with one of a group of GANCs, or connected to an alternative destination, such as a voicemail service, if the location area code or combination of location area code and cell identifier is not associated with said one of a group of GANCs. The carbon monoxide remover lowers carbon monoxide contained in the reformed gas. The bending rolls are positioned in

their progressively inclined inclinations by cooperation of an elongated connector and clamps for providing securement to curved support ribs of an associated frame at the adjacent lateral side of the roll bending station housing. Other embodiments may be described and claimed.

1459827849-736b58f4-394a-4747-8945-4c05b60393a3

The present invention provides a respirator hood assembly that has a bag, half mask and a respirator assembly. This is aimed at optimizing heat transfer and microwave efficiencies in a high-speed cooking oven, thereby enabling the oven to deliver an optimal cooking efficiency in comparison to the conventional high-speed cooking oven. The apparatus communicates with the wireless node through at least one of the first or second preferred beam pattern.

1459827849-776f363f-efd9-4d58-92db-81f829394786

Adaptive vision-based vehicle detection methods, taking into account the lighting context of the images are disclosed. A chassis upon which the power tool is attached has a trolley like connection with a guide rail releasably secured to a work piece. One or more suspended exercise objects is connected to the main beam assembly. The information processing device associates, based on the received identification data, the user who operates the first information processing terminal and the user who operates the second information processing terminal.

1459827849-e81d7d4f-f966-458a-acda-8aa8119a1a06

A method and system for improving route finding are described. A gas cluster ion beam tool is used to apply an ion beam to exposed fins, which converts the fins from a semiconductor material such as silicon, to a dielectric such as silicon nitride or silicon oxide. Also provided is a method for assembling the fuel cell system.

1459827850-5841bcf3-9116-4396-8156-85fe5afd936c

A method of producing shredded cheese according to the present invention comprises producing cheese in a mixer; forming the cheese into cubes, the cubes being sized for shredding in a shredder; salting the cubes in a brine solution; and shredding the cubes in the shredder. The first drive mechanism first causes the lever arm to pivot on the supporting point to greatly move the press plate, and the first drive mechanism is then stopped to operate the second drive mechanism, so that the lever arm pivots on the force point to press the press plate against the press plate. A control system detects the amplification of light photons by the image intensifiers. A ratio defined as is greater than 1. In the third mode, the pressure is temporarily released, allowing the sleeve to again be movable along the lead.

1459827850-5ad35569-7ea2-46ae-9575-a184d99fe75e

Methods and systems are provided for the noninvasive measurement of the subepithelial impedance of the breast and for assessing the risk that a substantially asymptomatic female patient will develop or be at substantially increased risk of developing proliferative or pre-cancerous changes in the breast, or may be at subsequent risk for the development of pre-cancerous or cancerous changes. An elongated opening extends through the package body to the internal space for accessing and permitting dispensing of the removable wet wipes. The ramp portion may further be translatable to a second bypass position defining a trajectory passing on the opposite side of the second vehicle's trajectory relative to the trajectory defined when the ramp portion is in the first bypass position. A relationship is established to link the data with the identification of the patient. The tunneling dielectric layers are disposed between the substrate and the floating gates. By detecting a servo wedge instead of a spin-up wedge to determine an initial head position on disk spin up, such a servo circuit allows one to increase the disk's storage capacity by reducing the number of, or altogether eliminating, spin-up servo wedges from the disk.

1459827850-63544aba-2499-4f22-b41d-19361f5d822a

The present invention relates to morpholine and thiomorpholine derivatives of the general formula I or pharmaceutically acceptable salts thereof and their use. The device comprises a shoulder portion, which may be part of a bulbous portion, having a diameter profile that conforms to the shoulder region, and, in some embodiments, a plurality of affixation members in an area of the device that typically extends from a distal end of the device through the shoulder portion. Next, the printer cuts off the tip portion of the printing paper in a long rectangular shape in order to clean a cutting edge of a cutter. The implantable system may also include a sensor for detecting cardiac electrical signals. The directional vector of the linear motion is used to estimate the longitudinal axis of the vehicle, and the rotational vector of the rotational motion is used for estimating the normal to the vehicle plane. The various electronic components of the invention, can be formed in as a flexible modular unit which can be attached to existing footwear, or formed to new footwear during the manufacturing process, or thereafter.

1459827850-640daee9-1ebe-4d12-b7fa-7a2821457796

In a method for reading a programmable anti-fuse block of a high-voltage integrated circuit a first voltage is applied to a first pin of the HVIC, the first voltage being lowered to a second voltage at a first node. In one aspect, a first cavity for a comestible paste resides in an area between a hollow piston and a top section having a dispenser. The module uses the validity of the server's response to determine whether a transmitted message is authentic. After receiving the request, the address generation server creates the disposable electronic message address, which may be limited in use. The data of one page after rewritten is written into the page in the memory cell array that corresponds to the page address of a copy destination. The wire can be constructed as a monofilament wire or a multi-filament wire.

1459827851-10457c5b-9528-4f85-9098-22a2e387c6b8

A liquid composition includes a therapeutic component dispersed in a liquid carrier system. An exemplary embodiment of a SOI device comprises a substrate. A network path is selected from among the candidate network paths based on the estimated performance metrics. In another aspect of the invention, two modular refrigeration units are independently operable to cool the evaporator block, and each refrigeration unit is controllable in various modes of operation including an enabled mode in which it is ready to cool the evaporator and an on mode in which it is actively cooling the evaporator. The shielding winding layer is coupled to a static terminal coupled with the primary winding or the secondary winding. The implantation of the construct initiates and achieves incorporation of neo-cartilage into a native surrounding cartilage including a formation of a new superficial cartilage layer overgrowing and sealing the lesion in the joint cartilage.

1459827851-1b5b47c4-2a1f-4d73-84b3-6aa854b69153

Methods and apparatus are provided for alternative routing of a connection between a source node and a destination node in a PNNI hierarchical network. The purge valve is opened when the voltage across the purge cell portion falls below a defined percentage of a threshold voltage. The connection unit receives data, to be used to emulate a logic, from a host computer, and transmits result data, output from the logic, to the host computer. To perform this calculation, a multi-membership Bayesian function is used.

1459827851-b1dcf520-3e2e-44a0-9e5b-3d8ad5983cf1

A cargo rack for transferring loads between a marine vessel and an offshore marine platform provides a frame having a front, a rear, and upper and lower end portions. A diffraction optical part is provided in front of the reflective surface of the optical element. The grounding member includes a metal insertion leg mountable on a leaf spring mount, a bow section connected with the metal insertion leg and a first end and a second end respectively outward extending from the bow section and

latched on a grounding rail. At least one substantially resilient preload mechanism is positioned adjacent to bearing surface with at least a portion thereof being projected thereabove.

1459827852-1b58ea15-16f9-4756-bd38-d63849a1aa27

Methods of forming and tuning a multilayer select device are provided, along with apparatus and systems which include them. An embodiment of the fuel cell includes first cells which have the terminals at an anode and a cathode respectively, and second cells which have terminals in neither an anode plate nor a cathode, stacked alternately. In this manner, a wide range of dilution rates can be accomplished with only a single revolution of the needle valve. The card may further include means for wirelessly updating information and providing a display to the user, which includes, but is not limited to, a housing, a memory module, a processor, one or more displays, and a power source. The duplexer is connected with the first branch contact of the first switch.

1459827852-a6d39246-1dda-4000-b8c6-1dffb8c888669

A high frequency sinusoidal wave is generated and applied directly to a gas discharge lamp in a power efficient electronic ballast. The sensor may further include an input probe connected to the sensor providing power and a ground probe connected to the sensor providing a grounded connection to the sensor. The lid molding includes at least one formation for each latch whereby an abutment will occur that will reduce the likelihood of prizing of a latch from the lid molding as a result of the latch moving upwardly about its pivot axis. As such, the device reduces vehicle damage due to inadequate ground clearance, while increasing vehicle stability and fuel economy. When the engine speed approaches the target engine speed, the gain is set to a smaller usual gain, and, in a change to the same advancing or retarding side, a change to an ignition timing in the same side is suppressed using a smaller advancing or retarding gain.

1459827852-a8f0baef-d9b2-422d-93f4-b0a880d7b774

Pressure-actuated electrical switches are provided that comprise a housing having a slidable piston therein. At least one software application selection from the list of applications is received by the system. The non-diffused monolayer deposited on the surface has a second surface work function value  $\phi_2$  that is less negative than the first surface work function value. In a narrower aspect, the control is powered, such as by an electrical or electromechanical device from a remote location. The first transistor accumulates, in the channel thereof, charges transferred from the second and third transistors.

1459827853-9f29719c-a7fa-4e87-97a0-3c7c573895da

A method of operating a lithographic apparatus is disclosed. The ureter stent includes a first holding portion, a second holding portion and a junction portion. The compounds are effective in the inhibition of histone deacetylase. The analyzing device receives the light beams reflected or transmitted from the object and is adapted to analyze the optical characteristics of the light beams at varying angles and/or wavelengths to verify the authenticity of the object. The float includes a magnet therein for activating the sensor device when the float moves the magnet through the vertical activation length.

1459827853-bab2b75b-48b1-4561-ad1b-ec0c11eca170

A heat sink is used for dissipating thermal energy generated by an electronic component of an electronic device. Images acquired by the sensor are stored. 01 to 25 oxidizer, 0 to 15 inhibitor for a nonferrous metal, 0 to 15 abrasive, 0 to 20 complexing agent for the nonferrous metal, 0.

1459827853-f4494bb3-0e83-40a3-9f06-903f6463cb51

Systems, methods, and devices enable spectrum management by identifying, classifying, and cataloging signals of interest based on radio frequency

measurements. Users may extract and collect conditional statements from research reports. A first method uses an RZ quadrature AM dither or an RZ \u201chillclimber\u201d bias dither, to apply a relatively low frequency dither signal to a variable RF delay for the RZ clock signal applied to the RZ modulator or NRZ data signal applied to the NRZ modulator. The first and second clamping members have recesses for receiving said first and second ridges of the table, respectively.

1459827854-09eafa9e-a589-4c88-9827-0a379298e4d3

Data of an examination object comprises a volume-data record and a plurality of two-dimensional projection images. A pass-through box is added in one of the storage and handling units, the pass-through box having a portion shaped like a cartridge so that it is gripped by a gripper of a cartridge shuttle. The first plurality of monitors is disposed at a second plurality of points in the network. A search index of the system may include allportion of the usage analytics such that the obtained results from the system may already be integrated with the usage analytics.

1459827854-3ee3bf7c-49eb-4211-90aa-74ef1b32d42e

Disclosed are a semiconductor light emitting device comprising a single crystalline buffer layer and a manufacturing method thereof. Preferred gel formers are superabsorbing polymers. The method obtains a baseline test result by executing a set of customized test scripts on a baseline build with a first code base.

1459827854-427375a8-abc9-4ef3-9f7b-c00ea41aa2ce

An apparatus and method for determining forces on a downhole drilling tool is provided. A multi-particulate oral dosage form comprises a plurality of pellets, the pellets comprising a core having disposed thereon a core composition layer. The inventive rotor body comprises a rotation-symmetric base body that forms the hub and one or more blades that all have the same thickness in the direction of the rotor rational axis. A first RS-spread-spectrum transmitter transmits an access-burst signal, which has a plurality of segments.

1459827854-9becfaf9-6656-4a9e-86a3-65c3f11f1839

An efficient Reverse Path Forwarding check mechanism is disclosed. The illumination source includes a metal base substrate including a line pattern and an insulating layer including a composite material with an inorganic filler and a resin composition. Therefore, the present invention can prevent generation of an unnecessary address transition detection signal pulse upon generation of a glitch and can thus stably drives semiconductor chips even at a high power supply voltage. The blocks provide thermal resistance, and enable a reduction in number of fasteners required for assembly. When the transparent film, holographic image, and film label are removed, certain marks are left on the card which clearly demonstrate that the hidden number has been accessed. In another exemplary media implementation, one or more electronically-accessible media include at least part of an operating system that is configured to request from a runtime environment exception handling and/or unwinding information for functions that are managed by the runtime environment.

1459827855-0288657d-4416-450e-9d2a-10a22b1aabd5

A three-dimensional, curved building module comprises a saddle-shaped membrane having four connecting edges for joining with like building modules and four truncating edges. Each plate has an opening in which a flanged bearing is fitted. A communication link between the probe and the test set has a predetermined propagation delay, from which the system can calculate a propagation delay of the conductor between the test set and the probe, and a propagation delay between the probe and the anomaly. A suitable removal strategy can provide similar amortization advantages. A logic controller also receives power from the power supply, receives the sensor signal and removes the control supply from the power controller when the

sensor signal does not satisfy an established criteria.

1459827855-3870eb58-fa4f-40e1-9008-84bf6984725f

Metronidazole is solubilized in an aqueous phase, by mixing same with niacinamide and at least two glycolic cosolvents; the resulting solutions and pharmaceutical compositions comprised thereof are useful for the treatment of dermatological conditions/afflictions, notably rosacea. An upper permanent magnet group is configured to be inserted into the rotor core to form a magnetic pole. For a printer having an alignment surface, and a width adjuster to push the first-sized media against the alignment surface, the greeting card feeder includes a biasing member which pushes the card stock against the alignment surface.

1459827855-802e852a-b51b-4099-84d4-50b011db5547

The present invention is directed to a sorbent comprising a disordered polyvalent metal oxide on the surface of an inert substrate. A system for providing a remedy for failure of a product composed of a plurality of parts comprises a unit for entering information about failure including a free word, an extracting unit for extracting keywords from the free word, a remedy database storing remedies for failures, and a unit for searching the remedy database using the extracted keywords. In another aspect, a method of synthesizing multi-walled carbon nanotubes using the catalyst is disclosed. A transition between the first and second duty cycle control modes is responsive to a magnitude of a current flowing in the switch reaching a current threshold value. Destination decodes first data packet during slots d2 and d3, and second data packet over slots d3 and d4. The network computing system includes a radio communications controller, one or more transceiver device, user equipment, and data communications network facilitating data communications amongst the wireless communications devices of the networked computing system.

1459827855-c08b17f2-7201-4c29-939e-e0ad1b5147a0

A new variety of carnation plant named \u2018CFPC Unforgettable\u2019 having flowers with a light to medium purple color diffused over a cream base color. The invention also includes methods of using compounds of Formula I as type I receptor tyrosine kinase inhibitors and for the treatment of hyperproliferative diseases such as cancer. The stapling mechanism is controlled by a trigger handle or a switch assembly. The information retrieval systems and methods store the user-generated lists for future presentation to other users.

1459827856-0f486c78-820d-4498-9b00-89c55ef50dc2

The present invention provides, in one embodiment, a semiconductor wafer dicing process. The planarizing step is performed by filling irregularities of the microlens planes with a resin having a second refractive index and planarizing the front surface, opposed to the microlens planes, of the resin, to form the planarized second optical resin layer, and the joining step is performed by joining the support layer to the planarized second optical resin layer. The top and side walls of the chamber meet in an inverted V such that when the blower operates, a vortex is created in the inverted V in the chamber. In addition, the server selects a computer with the highest performance rating as a local administration proxy for the network.

1459827856-1afddaf3-3c38-4367-8d52-fd1ed8c67ea9

Methods and Systems to browse data items. If the received request for the transmitting method of the video frames is the request for the transmitting method of the video frames for recording, each of the video frames formed in an image sensing unit is temporarily stored in a memory and each of the stored video frames is transmitted. The cone cutter includes a cone body, a plurality of teeth arranged in a first inner row, and a plurality of inserts. The locally rich region within the combustion chamber has sufficient fuel density to autoignite, and its self-ignition serves to activate ignition for the lean mixture existing within the remainder of the combustion chamber.



1459827856-e2531533-75b2-49d4-af44-3c6715619889

A method of testing a process that has undergone modification. A mailing machine facilitates the association of a confirmation tracking number with a mail piece and a check. The first panel section defines an access opening through the first film layer when it is separated along the first tear line during an initial separation of the first and second film layers. Products can be used directly as transportation fuels and/or blending components to provide fuels which are more friendly to the environment. In response to a resource activation request for the reservation, the resource manager activates a resource at a launch location selected from the multiple locations.

1459827857-2c79f3ca-06cc-4040-923f-fa277852574c

Embodiments of the invention can include systems and methods for associating an accessory with a firearm. During the air removal phase, a substantial majority of the liquid moisture is removed from the bagged articles by introducing brief periods of dry, warm air to the autoclave chamber. A second portion of the array contains SRAM cells with a higher ratio that are more stable than the cells in the first portion, but are somewhat slower. Place a substrate having a plating surface to be electroplated into the electroplating bath connecting surfaces to be plated to a first cathode.

1459827857-3b425901-ca71-4dae-8f82-b6434a86d498

Disclosed herein is an ink comprising first and second organic compounds which are incompatible with each other; at least one of a compound exhibiting fluorescence properties and a coloring material exhibiting fluorescence properties; and a liquid medium dissolving or dispersing the components and therein. A DNA probe 66 is fixed to an electrode plate 22, and the electrode plate 22 is displaced by applying a DC voltage between electrode plates 22 and 23. The method further includes forming a MEMS beam above the wiring layer. The images in the library may be repurposed for print, sales display, transmission to a user, on-line customer support, and the like. The magnitude of the biasing force of the spring is adjustable. The method and device are adapted to provide to a space, which it is desired to fragrance, a continuous supply of a first fragrance composition and a periodic supply of a second fragrance composition.

1459827857-f6466b0c-d8be-4f25-9e6b-4b30bb260ea0

A clamping device includes a body having a first guiding feature and a slider component positioned within the body that is moveable between a first position and a second position. It also relates to polymorphs of the phosphate salt of the amide. The semiconductor light-emitting element can be mounted on a package obtained by insert-molding lead frames with a resin. Each cast tooth supported by the working quadrant has a pin depending from it and is fully seatable against the upper flat surface. A mask disposed in front of the display panel contains cutouts providing the text and/or graphics of the sign.

1459827858-1f7a8aa3-9a2d-4b83-bce4-2c7fef85ed9d

A wood or other bio mass fueled appliance is disclosed for maximum efficiency and low cost construction for home, garage, workshop, and barn. In one embodiment, the apparatus can include a support housing having an engaging surface to engage the skin surface. The resin composition is the reaction product of a first compound having a plurality of hydroxyl groups with a carbamate compound reactive with the hydroxyl groups of the first compound and added in an amount sufficient to form a carbamated intermediary. The cooling tube of the first cooling circuit is configured to transport a first coolant having a first temperature.

1459827858-3d4e9500-6d77-4e95-9ce5-89f1b9bd23a6

To provide an organic electroluminescence device having high emission luminance, high heat resistance, excellent high-temperature storage stability, and a long

lifetime, and an aromatic amine derivative for realizing the device. The present invention relates to such retroviral protease inhibitors and, more particularly, relates to selected novel compounds, composition and method for inhibiting retroviral proteases, such as human immunodeficiency virus protease, prophylactically preventing retroviral infection or the spread of a retrovirus, and treatment of a retroviral infection. The baseband unit processes the wireless signal group to generate a position signal. A current may be run through the second conductive lines to increase the temperature of the second material to a temperature greater than the second material Curie temperature, causing the second material to lose its ferromagnetic properties, providing increased write selectivity to the memory array.

1459827858-94a6edbf-6fc8-4563-8d98-1441a2ade5f5

A trim tab of resilient material affixed in a cantilever fashion at the stem of a boat and of a regressive flexural stiffness such that when deflected, the undersurface of the trim tab assumes the shape of a progressive curve in the direction of water flow. The novel wire harness is generally a plurality of bundled, preferably un-stripped, insulated wires. The fluorescent polymer comprises a hydrophobic segment.

1459827859-1e3b9d07-8af4-48ae-ad5e-cc08114822ed

A method begins by a processing module determining a mapping of encoded data slices to wireless channels for wireless communication of data, wherein a data segment of the data is encoded in accordance with a dispersed storage error encoding protocol to produce a set of encoded data slices. The floorplan or a placement layout generated resembles the final floorplan obtained through a floorplanner or the final placement layout through a placement tool without requiring that complete conductivity information be provided to the floorplanner or placement tool. The processor also includes a functional unit coupled with the decoder and the register file. A second quantity of cured encapsulant material having a second index of refraction, different from the first index of refraction, is provided on the first quantity of cured encapsulant material. The ROI is tracked using a mean shift algorithm to guarantee that always the correct image details are extracted in high resolution. If not, the secondary storage computing device can avoid storing the block of data on the storage devices.

1459827859-4aef8a9f-5b5f-4cec-8736-aee7b8a835b0

A method of fabricating a semiconductor device utilizes a substrate including a high voltage circuit area, a medium voltage circuit area and a low voltage circuit area. An initiator initially receives the wage assignment information. The apparatus includes an arm rotatably attached to the shaft. The apparatus includes a handle for cranking the shaft. The grounding plate comprises throughholes through which the grounding contact elements extend.

1459827859-65caaaa4-0c32-4c69-872d-6bca15692615

A toilet tank valve having valve workings supported on a riser. The universal adapter defines multiple openings disposed in spaced, generally parallel relation relative to each other. The signals are affected by both geometrical parameters such as lift-off and by material properties, but these influences may be separated by mapping the in-phase and quadrature components directly into material property and lift-off components, and hence a material property and/or the lift-off may be determined. The tool may then be used to develop a mathematical model for the performance of the IT service. The mobile broadband modem may include a chassis for securing the PC card modem transceiver within the chassis. If the first node and the second node receive a disconnect request of the call from the DKT, each of the nodes transmits an accounting information item and the call identification item to an accounting apparatus.

1459827859-666f1819-89f8-48d9-b785-62a8582292af

Column-stabilized floating structures having a deck and a plurality of vertical buoyant caissons bridged together in distantly spaced relation by a plurality of open frame horizontal truss pontoon members and vertical truss columns at a lower end. A reference image forming unit forms reference images on a transfer member. The invention also relates to methods of production of highly unsaturated fatty acids by marine organisms at low pH levels, and includes methods for generation of low pH tolerant strains.

1459827859-b15f55fb-324e-47a5-840f-f6a7700f2fd7

A dust collector brush assembly capable of being selectively attached to a CNC machine that allows dust and debris to be easily removed from the work site. The ice chest has a rim located on the interior thereof adjacent its upper perimeter edge. A second locale is suggested to narrow the number of language independent keys displayed in connection with the value entered in the first locale. The pigment flakes and foils exhibit a discrete color shift so as to have a first color at a first angle of incident light or viewing and a second color different from the first color at a second angle of incident light or viewing.

1459827860-60a68cff-2f1d-4b05-a784-60b22b9ce2b5

Embodiments of the disclosure relate to a biosample cartridge that includes storage slots for holding biosample plates. In some embodiments, the tools may include a moveable inner sleeve member configured to selectively allow hydraulic fluid pressure within the fluid passageway to act directly on the at least one blade. Alternatively, the source power and the bias power are applied such that the effective value of the source power reaches a second predetermined value after the effective value of the bias power reaches a first predetermined value.

1459827860-d24d84cd-4293-4e7e-a21a-343196e4b41e

A fluid loss control method uses a fluid loss control pill in a well in advance of a completion operation. The client devices record tracking data that indicates that a particular promoted listing has been displayed to and/or selected by a user. If the file contents are suitable for the specific process and the file object is not committed, the file can be committed by the specific process. The reverse thrust member effectively increases the pitch of the propeller when operated to propel a watercraft in a reverse direction, thereby improving the performance and efficiency of the propeller. When not in use, the front sheet and the pair of side sheets may be detached from the base sheet and the sheets may be folded, secured to one another and transported by the user.

1459827860-e330c690-025c-49f1-b0d0-147bb05dbf60

The invention describes stable anthocyanin compositions, methods to prepare such compositions and also methods of use of such compositions to treat various afflictions. A system for generating a dynamic information system comprises a persistent dynamic repository of data and an integration metasystem. ; average particle diameter of at least 3  $\mu\text{m}$ ; and a substantially uniform structure; wherein the rare earth permanent magnet has a structure that gives a pinning-type initial magnetization curve; and wherein the magnetic intermetallic compound has a  $\text{Th}_2\text{Zn}_{17}$ -type structure, and the like.

1459827861-3a1cc292-f606-4bf0-bfb3-afe0b992e3dd

Flow diverting structures for preferentially impeding, redirecting or both impeding and redirecting the flow of flowable encapsulant material, such as molding compound, proximate a selected surface or surfaces of a semiconductor die or dice during encapsulation are disclosed. The apparatus uses a plurality of adsorption units holding adsorbent, where the adsorption units are serially connected and are moved to shift the relative position of the feeds and drawoffs to the apparatus. potato starch having an amylopectin content of at least 95%, preferably at least 98%. The apparatus uses the existing axle receiver of a manual wheelchair as a universal connection point and to maintain the center of gravity for a user. The

addition of the treating agent to green wood chips, without the need to dry them to low moisture content, is believed to be novel.

1459827862-1072ec1c-4970-464b-8246-1d27bcdcf3a

Files are encrypted and stored on a WORM media device along with their encryption keys, the binary values of which are stored as a combination of written and unwritten sectors in a key storage portion of the media. The regulating means is characterized by a flat plate-shaped rotary member provided at a predetermined distance from the belt and capable of being driven to rotate by contacting with the end surface of the belt with the bias of the belt. The inner surface of the cover has at least one protrusion thereon, with the protrusion adapted to contact an inserted electrical device thereby causing the cover to cease contacting at least one portion of the frame when the electrical device is installed in the socket. Operation of the fan assembly draws air into the housing chamber through the at least one inlet opening and forces air out of the housing chamber through at least one of the primary outlet opening and the secondary outlet opening.

1459827862-f9fa1533-e496-4e63-b0e5-feb07f6d52ab

A hydraulically damping elastomer bearing has at least one housing, a connection element, an elastomer body, which couples the housing and the connection element with one another in a vibration-damping manner. The first communication apparatus includes first communication means for communicating with the second communication apparatus using the system information, and first setting means for setting the system information in the first communication means. When bidirectional communication is performed using only the CEC line, the switching control unit controls the switch so that the CEC signal output from the HDMI\xae source or the receiver is selected. The fatty acid monoester is removed from the reaction zone through a product port of the simulated moving bed apparatus.

1459827863-96037484-3b23-4c5f-9be2-4455b3beeb2b

A sliding electrical switch for use in a garment has two spaced elongate flexible surfaces, at least one electrical contact on each surface, and a slider slidable along the surfaces to cause electrical connection between the contacts. A image signal is received and a first light emitting element is illuminated based upon a substantial maximum of a non-uniform image signal in a first region. Voltage is sent from the circuitry to the liquid crystal display and the light emitting diode in order to reveal the image held underneath the lens. The illumination system may be for generating dynamic light sequences, or for generating a spatial color distribution. A convex lens is disposed in the cavity and positioned in a middle part of the reflector. At least one element out of said first substrate is formed to be mechanically and/or electrically connectable to said at least one support structure.

1459827864-95dda962-aab1-43f6-9985-66174efcc072

Data elements stored in a computing system and associated with a physical object are reassociated with the same or another physical object. The inflator induces expansion of a gas by application of an electric voltage to the gas or to a plurality of filaments disposed within the gas. The wireless telephony network monitors and obtains billing information associated with integrated service delivery and coordinates the billing information with a satellite radio service provider. Detection of dissolved carbon dioxide in the tissue may serve as a useful clinical marker for physicians. Each of the liners has an outer circumferential portion that is not fixed on the inner surface of the casing. The cam and the motor drive mechanism are synchronized so as to move axially and rotate the collar so as to produce the unscrewing of the cap from the punch.

1459827864-a26548b0-7670-4298-86d4-13eca70bacb3

The present invention relates to a towed wireless network communications subsystem for use in flight by a towing aircraft. The protective winter turf cover is

efficiently held down with a dual apertured washer and x-position of nails therethrough. The second circuit may be configured to further regulate the output voltage in response to the input signal. Thereafter, the resin layer is cured to form a core layer and then an over clad layer is formed on the under clad layer in such a manner as to cover the core layer, to thereby produce an optical waveguide. The control device comprises a linear actuator acting on at least a first lever and a solid elastically deformable element. Systems implementing aspects of the invention can, for instance, provide developers with a mechanism for creating Web Services without having to write low-level SOAP, XML, or WSDL code.

1459827865-0a9f3ddd-da1a-449d-bea5-31b86e205ee0

A method and system of providing switched broadcasting of content to a number of consumers. In this manner, the examination of S PLLs can be performed in a single test, and thereby it can reduce the time needed to examine PLLs in the semiconductor integrated circuit having a plurality of PLLs. Data representing an initial state of the object prior to the changes and data representing a subsequent state of the object after the changes is persisted. The dial by specialty service can then search an augmented directory to find the telephone number of a provider who best satisfies the search criteria. A rotatable gear located at a fixed lineal position within the housing receives the drive rod in threadably inter-engaged fashion.

1459827865-36b34d11-9846-4aed-93c9-deaa64d7afc6

The present invention provides feedback control information for the multiple base stations multiple input multiple output. A through-loading opening is provided in the element. A laser may also be used for in situ cleaning of components of a lithographic projection apparatus. Presentation time stamps are provided with the audio transport packets to indicate when decoded audio data is to be output. The converged reflected light is imaged on the light receiving plane by the imaging lens.

1459827865-e104dff2-7c71-4ad3-b6f4-fc1ff1a1fd7a

Herein is disclosed a biomedical dispersive electrode which can redistribute the current in the subject body, increase subject safety, reduce the chance for burns and other tissue damage as well as discomfort experienced by subject during or after usage. The test circuit is coupled to a pair of bit lines. Rods, connected to the rails, support an adjustable platform. At least an account identification associated with the presentation instrument, a monetary value to be loaded onto the presentation instrument, and a payment instrument from the customer is received. The resulting thin micro-battery with high surface capacity can then be integrated in an integrated circuit, in particular by bonding by means of indium connecting balls. The phases of the first and second induced magnetic poles of the outer rotor are displaced from each other by only half of a predetermined pitch, and the phases of the first and second permanent magnets of the inner rotor are displaced from each other by only the predetermined pitch.

1459827865-fe4beb16-c803-4ae0-8c92-79a59b9dfa45

Electrokinetic devices and methods are described with the purpose of collecting assayable agents from a dielectric fluid medium. The computer program product and method includes the steps of identifying a solution for preparation and its associated volume. The gain circuit is connected to receive the output from the transconductance circuit, wherein the gain circuit includes a transistor that is matched to the second transistor of the H-bridge. A charge blocking layer is formed over the tunnel insulator. Tracking circuitry is connected to the device and remains in communication with the first bus transmission medium. Between successive elution runs, at least one performance parameter of the elution system is adjusted based on the accumulated error data.

1459827866-b64aafa4-a328-43b4-bcd2-036ff7ae56e9

A medical robotic system includes an entry guide with articulatable instruments extending out of its distal end, an entry guide manipulator providing controllable four degrees-of-freedom movement of the entry guide relative to a remote center, and a controller configured to manage operation of the entry guide manipulator in response to operator manipulation of one or more input devices. The vehicle seat carrier unit has at least one base unit and at least one cover unit which is embodied separately from the base unit and which is provided to be connected to the base unit in the assembled state. A communication device can reference the service policy table to locate a service that is to be used for the data session and can identify an identifier linked to the service and associated with a mobility gateway. A churn type of event may be encoded in the statistical model as an absorbing state of a stochastic process, with a time of transition to the absorbing state modeled as being infinite. It is particularly useful for improving the adhesion of a polarizing plate adhesive for a liquid crystal display to a glass substrate, with little change over time even under hot and humid conditions.

1459827866-e40032bd-1e34-4207-a048-8a5f95b6d15e

Provided is a method for system recovery. The LDMOS polycrystalline silicon gate structure is patterned using a two-mask etching process. The system further includes a first flow body fixedly coupled to the airfoil to form at least one gap between the leading edge of the airfoil and the first flow body. In this case, an output inversion flag, indicating that the output data group is to be inverted, is generated. The label is inserted in the compartment to allow the contents of the pouch to be easily determined. Moreover, the basin is cost-effective to manufacture and use.

1459827867-2812dcb7-e4d9-4a83-ba8a-f011861b2a93

Devices and improved methods are provided for operation of ultrasonic transducers and horns. Using this physical vapor deposition amorphous silicon precursor film, the amorphous silicon film is transformed to polysilicon by metal induced crystallization wherein the crystalline growth occurs fastest at regions that have been augmented with a metal catalyst and proceeds extremely slowly, practically zero, at regions which bear no metal catalyst. Each raised portion being molded in the body to separate the outlet from the base of each reservoir to ensure a sufficient flow rate of fluid from the reservoir. The data streams are uninterrupted transmissions of data from the medical device.

1459827867-4ce38195-12dc-44c0-a641-e18015e1a0d3

A multiple access wireless communications architecture provides selective, simultaneous communications with wireless devices located in different sections of a spatial area around a communications apparatus referred to as \u201csectors\u201d. A cryotherapeutic system configured in accordance with a particular embodiment can include an elongated shaft having a distal portion and a pressure-relief portion proximal to the distal portion. Uncompressed data may be compressed using a plurality of compression engines in parallel, with each engine compressing the data using a different lossless data compression algorithm. At least one actuator is associated with each respective nozzle chamber. In one embodiment, third parties are permitted to access and search the submissions on an open exchange.

1459827868-11502b30-0201-447d-988a-765bfafbd2a2

An automated banking machine can cause financial transfers responsive to data read from data bearing records. Each HA is configured to display content having a time of focus and a local lime control user interface when in an LTC mode. According to the invention, said reaction chamber comprises a base part mounted stationary in respect to the interior of said vacuum vessel and a movable part adapted to be sealably closable against said base part of said reaction chamber. The processor modifies the output of a selected program signal upon user selection of a new signal channel if a default blocking mode is selected by the user, then continues

to modify the program signal associated with the newly selected signal channel at least until the program related information is determined. By determining the density of the mass of material at different locations, the density profile of the mass of material can be assessed. A pair of siding panels include a substantially planar member with apertures formed therein and a flange extending rearwardly therefrom.

1459827868-a5e8d893-c2df-4136-8713-240f2b13b7b3

The present invention features a non-peripherals-based processing control unit having an encasement module that is very small and durable compared to conventional computer encasement structures. The admission control procedure manages a first spectrum resource. The number of bits per cell may be decreased when fidelity is more important. The first switch includes a first terminal coupled to each of the first terminals of the first and third light emitting elements and a second terminal coupled to the first terminal of the second light emitting element.

1459827868-e6c593da-e7e6-4e1d-afbc-810bf7d0c626

A locking system for a vacuum cleaner having a top portion and a bottom portion where the bottom portion has an opening. The continuous medium printing apparatus comprises: a conveyance system; a printing section; a feed-force adjustment section disposed on a downstream side of the conveying path from the printing section; and a feed-force control section. The binary code data contains information data, checksum and error correction. The development system further includes a non-magnetic, cylindrical shell for transporting the developer between the supply and the development zone, wherein the shell can be rotatable or stationary.

1459827868-e9e7a84f-c2ce-4e29-956f-df97525c572a

An image forming apparatus includes a plurality of process cartridges and a pair of frames. This invention is also related to a process to prepare the said composition. The maximum height  $R_z$  of a roughness of an adhesive-layer-facing surface of the substrate is 2 nm or less. The fibers are in the direction of the longitudinal axis of the main body.

1459827869-0541c734-e85b-4beb-80d9-b8e81cd5ee63

An electrical conductor has a metal substrate. The container includes a bottom wall that supports the container in a first substantially horizontal position and a front wall that adjoins the bottom wall and slopes upward at an obtuse angle from this bottom wall. These reduced data allow to deal with asphaltenes flocculation in an industrial simulator working according to a simplified model.

1459827869-3a23e438-fd94-4d8f-94e1-bdd835b8e344

In one aspect, a computer-implemented method for geo-locating images may generally include receiving, by one or more computing devices, a request to geo-locate an image on a map and, in response to the request, providing for display a user icon on the map. Blobs are extracted from the two original images and their negatives, using an enhanced blob extraction algorithm based on connectivity analysis along gray-levels. The unit can transfer an impact force to the pin in the direction of extraction. PdIm4Cl<sub>2</sub>, where Im is imidazole and HCl dissolved in water or an alcohol. The depositing of the oxide structure includes the steps of depositing a buffer layer overlying the free layer, wherein the buffer layer is a buffer-layer metal when deposited, depositing an overlayer overlying and contacting the buffer layer, the overlayer being an overlayer metallic oxide of an overlayer metal, and oxidizing the buffer layer to form a buffer layer metallic oxide. The layers are individually formed and laminated together, the laminated combination subsequently cut into a plurality of discs.

1459827869-da0d7fa9-dcc5-4b2f-a387-0d2a94cbb4de

A memory system includes a master device, such as a graphics controller or processor, and an integrated circuit memory device operable in dynamic memory bank

count and page size mode. A plurality of sorting holes are formed in the transfer track for successively sorting and dropping the tokens in the order of increasing diameters as the tokens are transferred upstream toward downstream in the transfer direction. The success rate of the PCI allocation for the target cell is improved by the present invention. The control display also enables a plurality of respective batch operations to be performed on the items. A solar energy receiver for use with the systems and methods may include a container for holding a solar absorption material, such as a phase change material, and a cooled cover disposed above the container for condensing and collecting vaporized phase change material collected along an underside of the cover. The second output line outputs a second voltage lower than the first voltage.

1459827870-16e0c3e9-835f-4745-b2a9-5b41389d8c0d

Improved fabrication processes for manufacturing GeOI type wafers are disclosed. The ATM includes a fascia which extends on the outside of a wall and includes a user interface. It is evident that a number of these methods can be concurrently employed thereby to serve all of the vehicles in the most efficient manner that can be determined. Additionally, iterative morphing using a Bezier Curve technique is described. In a third aspect, master control manager manages the operation of each physical subsystem through a respective subsystem manager, directs state transitions of the subsystem managers, and routes interaction between the subsystem managers from the master control manager.

1459827870-4845ec82-2e1d-443f-97b9-fa77a1994bc5

A test vector decode circuit includes a lockout circuit to prevent inadvertent latching of output vectors. The garlic juice is produced by cutting, crushing, or otherwise damaging garlic cloves, and collecting the juice. The front ends of the transformer units are respectively connected to the driver units which are parallel connected to a power source. and their inhibitory activities on common fungi and bacteria and the identification of mean inhibitory concentrations.

1459827870-521dc7f6-ab48-4bd1-9871-f25cfec8a509

A tube electrode stabilizer for an EDM drilling includes a stabilizer block and a mover. The support frame defines a horizontal plane having a longitudinal axis. The systems of the present invention are capable of recycling a variety of currency from multiple countries and multiple denominations.

1459827870-8b20879b-7486-4698-87b9-c7f8a995ccf8

A system and method for capturing a sample gas for analysis is disclosed. The core is formed primarily of a rubber material, the envelope layer and the intermediate layer are each formed primarily of the same or different resin materials, and the cover is formed primarily of a thermoplastic resin or a thermoplastic elastomer. Each current source 18 provides alternating current to the corresponding winding.

1459827870-8e6adc02-0db8-4183-a15c-d198a49aa49f

A method for providing add-on services responsive to an email transferred via a distributed computer network. A part of the metal connect is between an active semiconductor region of the device and an underlying buried insulator layer. An electromechanical actuation system is provided that is configured to be coupled to the mechanical steering system.

1459827871-308453c6-c475-4883-bcd7-af419ed38d5a

A system and methods for carrying out point-to-point intracluster communications between hosts is provided. A notification is provided to the online user that the requester would like to join the online conversation. A suppression instruction counting unit counts the number of suppression instructions, issued from the cache controller, to suppress a read request and sends a suppression control unit a notification of the number of suppression instructions.



1459827871-7377aece-f81a-4129-86f3-45889da8ac2f

Disclosed herein are novel genes and methods for the screening of therapeutics useful for treating impaired glucose tolerance conditions, as well as diagnostics and therapeutic compositions for identifying or treating such conditions. An interior angle formed by the contact area of the auxiliary lens terminal and the contact area of the eleventh lens connector terminal at the mount center point is smaller than an interior angle formed by the contact area of the first lens connector terminal and the contact area of the eleventh lens connector terminal at the mount center point. The first wall-charge of the first polarity stored near the respective scan electrodes generates an associate electric-field in the cells. Then, at the mixer, a noise control signal outputted from an active noise controller is added to an audio signal outputted from the buffer amplifier. Particularly, the present invention provides a process and a system for wastewater treatment which effectively process wastewater having both high nitrates and low organic carbonaceous sources, and effectively reduce sulfates by-products. If the carrier is an unwanted carrier, and thus no message is received, the sensitivity of the transponder for receiving electromagnetic signals is reduced, in particular by reducing the gain of an input amplifier.

1459827872-69d28e84-1afe-4729-9853-4ea224665ee5

Variable resistive punchthrough access methods are described. The fan may include bottom inlet and may draw air through an opening in the bottom skin of the computer system and may generate a positive pressure within the computer system. A pull top is releasably secured to the canister and extends over the open top to form a sealed container containing the fragrant material and the grid. Another embodiment includes first and second digital levels that cooperate to emit a skew signal that is indicative of the skew orientation of the antenna when the device is affixed to the antenna. In another form, a fuel vapor barrier layer is bonded to a layer comprised of a blend of structural and adhesive materials. The estimated noise level may then be utilized in encoding the video signal by being inserted into the video signal or used to change parameters used in video encoding.

1459827872-a0ead47e-9c78-450f-b20b-426c21cb550b

A transportable basketball system having components which are arrangeable in a play configuration during which a basketball-related game can be played, and also in a transport configuration during which said transportable basketball system can be easily transported between a sand covered outdoor environment and a remote location. The sniffer operates to extract certain data from each address. The arm assembly selectively positions the visual display for viewing by a target subject. Wireless stations are load balanced across APs so that user bandwidth is optimized.

1459827872-f56feb38-f33a-4291-87e9-94b26f6ff5f9

A gas meter is mounted between vertical and horizontal branch tubes of a gas canister valve and has an indication pointer driven by a magnetic block that is movable inside the valve to indicate a residual quantity of gas inside the canister. The network behavior of users of a computer-implemented social network are observed and used for user profiling. The annular body has multiple sections that include a first section and an opposite second section. The optoelectronic device is disabled and a count of compared bit groups is kept until the comparison indicates that the optoelectronic device is completely off.

1459827873-7b2c7c9a-7e23-4791-81e7-2fd29b8234ff

An exemplary golf club head having additional discretionary mass may be realized by utilizing light-weight materials, an favorable average crown height, and/or articulation points. According to various embodiments of the invention, the photonic integrated circuit includes a plurality of optical devices having associated characteristics which may have lead to optical signal degradation. Spring elements are arranged along slots that are formed in the peripheral wall portion. The device also incorporates a lateral anti-blooming drain structure that

is formed by a self-aligned diffusion process and does not need a polysilicon gate for its proper function.

1459827873-7e219081-6c83-4309-ab4b-1de8914a1340

A method of adapting an event processing component. In one embodiment, the system is designed to assist in lifting lift a body wall in order to perform surgical procedures within the body cavity without establishing insufflation. Current is injected into the gain region by way of a p-side electrode and a n-side common electrode by a constant current source, forming the population inversion required for laser oscillation. Numerical analyses were performed to find the optimum flow guide occupation ratio of the conventional technology and the corresponding total pressure loss coefficient.

1459827873-f46b5cb1-4c64-4ffe-be68-9c46e29639ce

There is provided an apparatus and a method of printing a diffraction grating. The reverse osmosis element includes a plurality of permeate tubes arranged to form a core frame. A receiver optical assembly includes a photo-diode an optical converter, such as a transimpedance amplifier, and a processing control that can administer, for example diagnostic data associated with the receiver optical assembly. The stake pockets receiving a stake used to secure the cover to a surface, typically the ground. Information pulses encode further information for receipt by a missile, such as an angle of roll of a missile launch platform from which the LIF is emitted. The transport apparatus continuously transports feedstock of an arbitrarily long length at a desired feed rate, and the grinding apparatus grinds the feedstock transported by the transport apparatus.

1459827874-22e3585f-d5ed-42a7-9b3e-03357cfe1c12

A broadcast station transmits radio frequency signals containing on-demand, main program, and index materials to a plurality of receivers. Nanopores may be fabricated by providing on a substrate spaced apart electrode regions, a spacer region therebetween, and a cover layer on the spaced apart electrode regions and on the spacer region. The basic data is data that is decodable in a completed state without using extension data, and the extension data is data for improving the quality of data generated from the basic data. Then, a surface treatment is applied to the material layer until the average run-out of the surface of the material layer is below 10 $\mu$ m during the running of the spindle motor, and the distance between the surfaces of the material layer and one end of a shaft of the spindle motor achieves an expected value. A method for controlling the electronic censer with control system is also provided. The rear of the body of the giddy baby relaxer is equipped for safety straps to allow for optional transporting in an automobile.

1459827874-367dc9f1-e42f-4d25-b5e7-25bf58018e9f

A mobile station is associated with a first wireless coverage area that has a first pilot signal. The radio control apparatus comprises a controller for including cell identification information in the MBMS MODIFIED SERVICES INFORMATION message, and a transmitter for sending the MBMS MODIFIED SERVICES INFORMATION message with the cell identification information included therein to the mobile terminal on the DCCH. A plurality of tines extend downwardly from the lower surface of the forward portion of the frame. The agent enforces simple filter rules for received network packets. The product encompasses composite service states.

1459827874-6404b049-8a2e-43c2-be7c-188d9939e5cd

A multi-output DCDC converter, comprising inductive electrical energy storage means, switching means and control means. In one embodiment of the disclosure, the circuit interconnect includes a dielectric layer. The desired local effective channel height varies in accordance with a predetermined formula from the first radial position to the outer radial position. The corrective data is used to correct the anomaly on the target computer and the target computer may acknowledge

receipt of the corrective data. The mixed molten liquid is a liquid obtained by mixing a radical compound having a nitroxyl radical site and serving as an active material and a metal salt having a fluoroalkylsulfonyl site and serving as a supporting electrolyte. Alternatively, the composite panels may be formed as separate pieces that are connected to the metallic storage box frame.

1459827875-5451d93a-c7a8-495c-a97c-d3f0e2d414ce

A device and method for enabling an individual located on a bed to sustain a side-sleeping orientation on either a left or right side. The present invention also relates to improved bacterial host cells that are deficient in one or more of the active transport systems for an inducer of an inducible promoter, such as arabinose for an araB promoter, and contain an expression vector encoding a recombinant polypeptide under the transcriptional control of the inducible promoter, such as an araB promoter. When the path-state determining unit 54 determines that there is no path which is neither in process of data transmission nor in the prohibition period, the path selecting unit 55 selects a path which completes data transmission but does not pass through the prohibition period as a path for data transmission. According to another aspect, different applications or configurations can be run on different groups or sub groups of CPUs allowing complete flexibility. The rotary module has at least one protruding point positioned at the second end for contacting the first rib.

1459827875-9054e72c-864a-49f1-a90d-019ab108aae3

Methods and apparatus for transmitting data are provided. The sensor performs control processes appropriate for the sensor and regardless of the type of actuator being used. variabilis is a widely distributed tick associated with different diseases.

1459827875-974b7834-9801-41e6-9899-dfcf18e0032c

The invention relates to a method and apparatus for detecting the presence of an ophthalmic lens, particularly a contact lens, in a package. The computer includes a program that provides a grid of display windows, each of which displays an image received from the camera associated with that window. The method further includes controlling the first and second process control systems together. When a user is typing an address, the profiles and the relevancy scores are used to identify and sort suggestions for the completion of the address input. The first and second conductors are connected to the conducting connection via the first and second contact holes, respectively, which are both outside the image display region.

1459827876-4118880b-934e-4846-bde8-9c99501de142

An apparatus for and method of implementing a cluster lock processing system having a relatively large number of commodity cluster instruction processors which are managed by a highly scalable, off the shelf communication processor. The first lens group from the object side has negative refractive power and both the second lens group, which includes a stop, and the third lens group from the object side have positive refractive powers. The invention further includes an electrocautery system, including an electrocautery device, a control circuit electrically connected to the electrocautery device, and an electromagnetic component electrically connected to the control circuit. Additionally, the divider means comprise a Sigma-Delta modulator. If the verification file is successfully retrieved and displayed and recognized as the correct verification file, the resource is authenticated.

1459827876-c80acf1e-adea-4935-86e0-19483d798a6f

A composite material including an arrangement of approximately aligned nanofilaments overlying at least another arrangement of approximately aligned nanofilaments, the longitudinal axis of the nanotubes of the first arrangement being approximately perpendicular to the longitudinal axis of the nanotubes of the other arrangement, and the arrangements forming at least one array. The lighted cup

holder includes a cup holder body and a light-producing light source, with the cup holder body being attached to the seating arrangement and having a cup receptacle therein, the light-producing source being disposed within the cup receptacle for illuminating the receptacle. Each fiber cluster is a matrix of interconnected fibers. The first conductors are respectively in electrical contact with the conductive pads of the chip. The transistor of the first switch for clamping the voltage may be remarkably reduced in size in comparison with an output transistor of the output buffer.

1459827877-b0a6b994-0295-4960-b003-fba522990db5

The present invention is directed to a system and method for managing state information related to an interactive application to accommodate one or more users participating in an interactive application session, wherein the state information comprises local state information specific to each of the one or more user's unique view of the interactive application and global state information. The semiconductor device includes a wiring substrate having a plurality of bonding fingers formed on a chip-mounting surface, a semiconductor chip mounted on the wiring substrate, a plurality of wires having a ball part and a stitch part respectively. In addition to being able to generate a message guiding a user through corrective action, the system can estimate the rate impact of the detected fault. Client programs manipulate the methods and properties included in the OLE objects to perform transactions involving the transaction services. As fluid flows through a device, a scrubbing liquid is positioned in a pattern to contact the fluid and constituents in the fluid are transferred to in the liquid. In an example, a computing device may be configured to receive lane information relating to locations of lane boundaries and may be configured to estimate a lane boundary on a road on which the vehicle is traveling, based on the lane information.

1459827878-10cb506c-8043-4a75-82b0-1ab69c81d491

An apparatus for simulating flames using fabric flame sheets or elements. In a specific application for generating electric power, the two-dimensional solar concentrator means consist of a parabolic trough collector, while the three-dimensional solar concentrator means consist of a heliostat field and central tower for generating overheated steam that expands in a turbine coupled to an electric generator. The antenna module disposed in the axle is fixed to the main body. The fins are stowed canted relative to planes that include the axis of the tail section. Two of the support posts interact with a cylindrical hole and a U-groove in the sample to establish location of one point on the sample and a line through the sample. The IC package can include a die in which the electronic circuitry is formed, a ball grid array substrate, and a plurality of conductive balls coupled to the BGA substrate.

1459827878-8c9e0aff-2d11-4b5f-8c29-f7eca839c5fe

Disclosed is an apparatus for coupling a display window and buttons for a clothing handler. The vibrations are applied to the skin surface at substantially a same frequency rate, a first harmonic of the same frequency rate, and/or a second harmonic of the same frequency rate, as a burst rate of electrical pulses being applied to the skin surface. A first conductive line is embedded in a first level of the insulating layer. The message is then routed to one of a plurality of message centers according to the routing method chosen. The signal processor also includes a filter enable module for generating the filter enable signal, the filter enable module including a motion detection module for detecting motion in the at least one of the plurality of pixels and for deasserting the filter enable signal when motion is detected in the at least one of the plurality of pixels.

1459827879-0b247a3f-9502-4e91-baf6-fe7d997c53ee

A method and system for flexible payments to enable buyers to pay for goods and services using only their fingerprints at the time and location of purchase. After that, device isolation grooves are formed and buried with a device isolation

insulating film. The invention also relates to transgenic animals altered to contain the CD-RAP promoter transgene. A hydraulic motor rotates the ball screw to drive a ball screw nut and attached first section relative the second section.

1459827879-8ce425c9-ce7e-4176-aaaa-a1dcb43a482c

An exemplary sensing circuit for sensing the current drawn by a target memory cell comprises a first transistor connected across a first node and a second node, a load connected across the second node and a third node, and a voltage boosting circuit coupled to a supply voltage, wherein the voltage boosting circuit supplies a voltage at the third node which is greater than the supply voltage. A composition can include cementitious fly ash, water and cellular foam. The first direction is opposite of the second direction.

1459827879-92bb594b-eaea-4cd8-a8e2-99160d5ec810

The invention is a Gray code counter that uses a carry chain to determine the state of each bit of the counter. A support member is pivotally coupled with the frame. The apex of the curved cavity is closer to the cylindrical outer wall of the vial than the ends of the inner cavity. Shortcuts to the identified printers and shares are created on at least one computer on the network. The first and second compartments may be ruptured to allow the first and second components to mix within the enclosure.

1459827879-ad74a364-7be6-4455-9c94-89b6f7adb9bc

Method of inerting mineral residues comprising automobile grinding residues, in which method water is added to the mineral residues so as to form a paste, the paste is mixed with phosphoric acid, and the resulting mixture is calcined. The powder container is configured to contain powder. The disclosed embodiment includes an economizer circuit, an unloader function, and an optional suction modulation valve. Low-cost is also achieved by forging the rotor in a single piece with integral shafts.

1459827879-f3bd720b-7be6-483d-8159-fff8e0ba7177

Sensors and methods for detecting attachment to a surface are disclosed. All of these components can be packaged for integration into a single IC including components such as filters and inductors. A delay control section controls a delay amount of the delay units. The illumination source includes LED printed wire board segments that may be configured to form a light line of any length. In another aspect, the product is used in the treatment of various types of cancer such as leukemia, colorectal cancer, lung cancer, breast cancer, liver cancer, nasopharyngeal carcinoma and esophageal cancer.

1459827880-0d2df851-250b-4869-9526-5acb8fa36d30

The invention concerns an imaging assembly comprising a synthetic aperture instrument including a plurality of pupils separated by sampling detection means. The bipolar plate assembly includes a cathode plate disposed adjacent an anode plate, the cathode and anode plates formed having a first thickness of a low contact resistance, high corrosion resistance material by a deposition process. The bottom wall defines a plurality of semi-cylindrical protrusions. Thus, the dispenser can be used in all lighting conditions.

1459827880-32b981bd-8a86-4f35-b28f-8337805ec364

A method of forming a semiconductor device comprises forming a gate over a substrate. Here, the location information for a mobile terminal in the service control point is fixed in accordance with a request from a subscriber of the mobile terminal, and a subscriber accommodating center having the mobile terminal under it stops the registration of the location information of the mobile terminal for the service control point. The invention further relates to methods for producing a lettuce plant containing in its genetic material one or more transgenes and to the transgenic lettuce plants and plant parts produced by those methods. The data

manager may also be responsive to receive, store and display other services such as programming guide services to provide enhanced program viewing and storage management as directed by the user. Further, the plunger assembly is disposed in a socket within the tool head and biased toward an extended position by a spring. A plurality of presentation objects are also provided as abstract representations used to organize and customize the display of the information.

1459827880-6906a106-66cc-4035-aa8e-9cf34cee2298

A magnetic head capable of increasing the data transfer rate during recording and/or reproduction, while improving the accuracy of tracking control is provided. One of the sets of the arbitration members may include first arbitration members to respectively connect to the storage members, each first arbitration member having an associated transfer rate corresponding to a sum of the output rates associated with the storage members of the set to which the first arbitration member connects. A partial logical-to-physical L2P mapping table in a RAM has entries for only 1 of N sets of L2P mapping tables. A blur is applied to the low contrast areas, which stops abruptly at the edges.

1459827881-75960744-796c-4eb6-9322-a2d4ba567c5d

An integrated MEMS device comprises a wafer where the wafer contains two or more cavities of different depths. The actuation of the said optics is based on deformations arranged to take place in the optical image stabilizer unit. When a client seeks to access a logical database, the client may send a logical server and logical database name in a data structure. The retention plate has a pair of latching arms in correspondence to the latching blocks and the pivots.

1459827881-7cd60e06-dbb0-459c-8e74-ba169d199b75

The present invention relates to a color cathode ray tube and more specifically to a color cathode ray tube in which mechanical stress due to internal pressure made by evacuation is decreased. In a further aspect of the invention the observer output signal,  $E_I$  angle, can be used to determine the transition to closed loop control, when the observer output signal reaches a value indicating conditions close to pull out conditions. The present invention also provides Si-based MIS transistors having a gate conductor having grain sizes of about 0. The cassette is pressed into the rails which initiates the rotation of the rails, which close onto the cassette. It is also possible to measure the axial static moment of the blades, with the classification in pairs then being performed while taking account also of the axial static moment as measured in this way. The equipment can be provided in a kit form for easy installation by a homeowner, authorized dealer or contractor.

1459827882-923f99e9-927b-4bf2-9e22-c540359db00c

In an expression style processing method, a plurality of objects are stored. A user places a PC in a hibernation state by inputting a particular key operation under a typical OS environment. Icons are displayed for the selected function via the display device. The drive-train assembly bi-directionally rotates about a pivot in response to torque applied to or acceleration forces on the vehicle. Firearm actuation is permitted when the latching track allows for the sliding of the ring past the predetermined location on the track.

1459827882-9dabfaa7-9d8e-4985-be84-2eaaec662308

A wireless endpoint employs frequency hopping for communicating signals in a wireless communications system. In particular, the present invention provides methods for treating and/or preventing ovarian cancer in a subject by administering to the subject an effective amount of Mullerian Inhibiting substance and/or an effective amount of an agent that inhibits BCRP1. In some embodiments of the present invention, for example, mate information between rigid parts in geometric models may be translated into corresponding elements in other modeling environments. A portion of the coin guiding channel is oriented vertically and guides the received coins to a position above the coin hopper. Additionally, a

plurality of paths or maps, for example, one being a normal coolant temperature strategy and another being a high coolant temperature strategy is used. In this way, as many as possible flexible printed wiring boards can be obtained from a laminated sheet for flexible printed wiring of prescribed size.

1459827882-f34b1b62-6205-453f-95f1-ed618ebc6994

According to one embodiment, a first engaging surface can be configured to engage a first region of an antler set, and a second engaging surface can be configured to engage a second region of the antler set. An open channel extends parallel to the axis which is adapted to receive a medical line, such as intravenous tubing. A link quality measure is then determined for this first modulation. Each clamp carries a cauterizing pad for cauterizing the severed ends of the vessel.

1459827883-4c96992e-a681-4fd3-bfe2-ff69d5e25272

There is provided a liquid jetting apparatus configured to jet liquid, including: a channel structure in which liquid channels including a plurality of nozzles are formed, and in one surface of which a plurality of supply ports are formed to communicate with the liquid channels; and a plurality of filters attached on the one surface of the channel structure to cover the plurality of supply ports. The fluid that is used to expel the chips from the sluice feeder principally includes pressurized fluid withdrawn from the treatment vessel. of grainy fertilizer on a lawn surface, or scattering material on slick roads or paths. The coating detection further includes determining whether the measured parameters are within ranges corresponding to the determined fluid type. Low density knit fabrics are also useful according to broad features of the invention.

1459827883-54c950e0-f3b4-46ea-9df3-12fd95fa1924

A self-hold motor protector has an open metallic housing in which a thermostatic disc carrying a movable electrical contact is cantilever mounted. A random number generator processor is arranged to select a plurality of RNG system components and configure them in an RNG pipeline, to provide random numbers to a gaming system. Consequently, after completion of metering process and before injection process, the screw is moved forward after the screw has been rotated in reverse a predetermined amount to prevent resin backflow.

1459827883-b92dca9a-a9dc-4374-9a63-3c6f34d551de

One embodiment of the invention is directed to a method of extending the input range of an analog-to-digital converter having a nominal input voltage range. The piston assembly is resiliently disposed within the housing. The entity might be a medium, human, animal, or a passenger vehicle. A gate is configured to provide an opening in a bottom portion of the protection case when the gate is in an open state, and to close the opening when the gate is in a closed state. These designs improve collection efficiency of the vane electrostatic precipitators. A request is received to write one or more tracks.

1459827884-4207210a-d63e-4e49-a177-ca9fcc4c140c

An LCOS display, including specially manufactured spacers, and a process for making the display, are disclosed. Large vibrations of the frame from an impact of a strike on the rim are transmitted to the second plate, and the rim sensor provides an output corresponding to the striking force. In one embodiment, two or more MEMS inertial sensor sets are installed in the IMU. When resident in the flash memory chips, a single ALU or multiple ALUs may be used.

1459827884-8d6c15be-0ea1-42eb-8e7b-754dfdb00c0f

This specification describes a system and method that can offer, among other advantages, a technique for resource assignment that involves obtaining a group of resources, repeatedly selecting a resource from the group of resources until a resource that is available is selected, and associating a client or process with that resource. The apparatus converts data from a data processing apparatus into

bit image data to be reproduced as a visible image by means of using the data converting unit and the reproducing unit, so as to accomplish an efficient system as a whole. The treating apparatus includes one or more safety features, and it includes beneficial control concepts that enhance the effects of the benefit composition being dispensed through the nozzle. The router also includes a thermal transfer assembly disposed within the sealed housing that conducts heat away from the router's circuit board components. The reversed gate conductor assignments increase the threshold voltages of the transistors in the memory elements to improve reliability in scenarios in which the memory elements are overdriving pass transistors in the programmable logic circuitry. The interface provides flexibility by utilizing at least two clock cycles in order to accommodate a myriad of memory devices.

1459827884-ee8ee55a-a981-4968-aae7-84d0d386dcc9

Disclosed is a mixing apparatus where a fluid is progressing from an Inlet tubing to an Outlet tubing. Ribs on the upper surface slant downwardly and laterally and channels between the ribs slant similarly so as to drain water from the upper surface. The securing portion partially defines a channel for receiving a part of the bed unit to secure the compression control unit to the bed unit. The precursor materials used for forming the flash layer and the capping layer are selected such they include at least one metal-oxygen bond.

1459827885-a0c7366b-4d39-468f-9449-0f58f5f41bdc

A device for carrying out a two-stage, linear movement as well as an associated method for displacing a displaceable structural unit relative to a stationary structural unit. 1 to 10 weight %, with respect to the weight of said fiber, of a complex oxide comprising oxides of at least two metals selected from the divalent or trivalent metals, and coated with  $\text{O}_2$ . When it is determined that there is no transmitted or received packet traffic during the certain time, the UE requests a network to release the RRC connection by utilizing a Signaling Connection Release Indication message. A torque interrupt actuator assembly is connected to the torque apply piston assembly and is operable to selectively move the torque apply piston assembly from its engaged position to the disengaged position to thereby interrupt torque translation between the drive and driven members through the clutch pack. In another aspect, there is a location range received from a wireless handheld device associated with a driver and data received from the driver indicative of a more accurate location within the location range. The drag rings can be mounted in grooves in the alignment bushings or, alternatively, in grooves on the drive pins.

1459827885-f3e7a686-1779-4b79-81ea-8c204260fc41

It is an object of the present invention to provide a light-emitting device in which, even when a material with high reflectivity such as aluminum is used for an electrode, a layer containing oxygen can be formed over the electrode without increasing contact resistance and a manufacturing method thereof. An E-beam firing bar engages the channel and selectively engages the anvil during distal firing movements, wherein the tissue is severed and stapled driven upward from the staple cartridge to form against the anvil. The feed table includes an attachment mechanism to detachably couple the feed table to the bagging machine, a mobility support mechanism to at least partially support the feed table when the feed table is not attached to the bagging machine, and a tow mechanism to detachably couple the feed table to a towing vehicle. In conjunction with a class module, the client call command is translated from the second processing environment that the application is executing within and the first processing environment providing the document management system. The control unit controls so as to fasten a first clutch based on the converted rotating speed of the engine output shaft, thereby enabling a start of a vehicle. The gear shift control apparatus for a hybrid vehicle includes an engine, a transmission for changing the speed of rotation of the engine, and a motor for assisting the driving force of the engine.



1459827886-202c9db2-9235-4410-90ad-68e688918181

A releasing pressure and a pressure releasing position, when enclosing films are expanded by gas produced at an abnormal time, are easily and positively configured. In the present invention, an element wire is removably fastened to the optical connector by tightening a main wire connection member using a tightening member from a state in which a plug, a main wire aligning member, a spring, a fastening member, the main wire connection member and the tightening member are previously assembled together. The high unit density arrays of this invention are formed on chips which may be combined to form multichip arrays according to the methods described herein. Sorting and issuing the IO requests in the manner described herein can, for example, reduce drive head movement resulting in faster storage subsystem initialization. Each of the plug and socket has a second plurality of pins or sockets.

1459827886-77ca772b-8fb1-4565-9be1-10737c18c237

A predistorter configured for use with an RF power amplifier having an input loop configured to be coupled to the input of the RF power amplifier and peak control circuit. The clock generator circuit further comprises a pre-phase clock generator subcircuit associated with the clock generator subcircuit which is operable to generate two pre-phase clock signals, wherein each are associated with a respective one of the two clock signals generated by the clock generator subcircuit. In addition, the apparatus affords a more compact design, an improved angular field of view and an improved overall ruggedness of optical design at a lower manufacturing and maintenance cost compared to previous devices.

1459827887-5da4f095-3c50-4cff-9db2-672385fc1167

An automated banking machine has a housing which is suitable for mounting in various manners and configurations. The variable reference current generator comprises an offset current generator permanently coupled to the current comparator, and m2 distinct current generators, independently activatable by the successive approximation register, each one generating a current equal to a respective one of the plurality of cell current values. A damping valve and a bypass passage parallel to this damping valve are disposed in this partitioning member. Embodiments also include the compute node selecting from a plurality of ghost nodes, the calculated number of ghost nodes for participation in the execution of the algorithm and executing the algorithm with both the selected ghost nodes and the contributing nodes. The multicast processing module is also for identifying a data initiator according to the subscribe response, and for receiving the data from the multicast service module in a multicast mode. Optical assemblies formed using microbump micropositioners are also disclosed.

1459827887-5ecfc778-c279-4101-850d-7392a1373838

A method of monitoring an immersion lithography system in which a wafer can be immersed in a liquid immersion medium. The host computer comprises a printer driver that determines whether each print job unit can be more efficiently rendered on the host computer or on the printer and processes the print job accordingly. Furthermore, on the basis of the plurality of binarized luminance evaluated values, a width of a high luminance area included in the object scene is calculated while a width of an adjacent area adjacent to the high luminance area out of a low luminance area included in the object scene is calculated. A second protective diode is arranged, with the diode thereof, in the supply terminal of the module such that it leads to the supply potential, said supply terminal being supplied by the lower-lying supply potential.

1459827887-deb89944-2b35-43a1-9fb3-4934f872ff8b

The present invention is directed to a versatile holder or holster for portable telephones and other personal items, wherein the holder is secured to either side of the body of the user in any physical orientation. The thin film consists of a material having an extraordinary Hall coefficient, the thin film also has a

resistivity and a film thickness no greater than a threshold thickness at which the resistivity is substantially equal to 150% of a bulk resistivity of the material. A resonant frequency is generated between an inductance and a ground electrostatic capacitance which are measured between the following: a) one of the three phase terminals of the permanent magnet synchronous motor, and b) a ground. The first IO port is adapted for interfacing with a medium, and the second IO port for passing an acoustic signal to an acoustic transducer. , the mixed gas is introduced into the NOx removal catalyst, thereby decomposing VOSO<sub>4</sub> adhering to and accumulating on the NOx removal catalyst into V<sub>2</sub>O<sub>5</sub>. The highlighting information may identify one or more of the elements that have been highlighted by a group of users.

1459827888-38104360-a3ea-4643-b7c3-13b847ef76c8

The present invention provides a process for the preparation of functionalized indolizidines comprising the steps and products disclosed within this application. Systems and methods according to various embodiments of the invention include an oscillating platform for therapeutically treating damaged tissues, bone fractures, osteopenia, osteoporosis, or other tissue conditions in a body. A load shedding factor may also be determined. At either the predetermined positive or negative pressure level, the valve opens when sufficient liquid has exited either the external or internal passage to permit the flow of a restrained gas past the liquid column.

1459827888-433954fb-01b6-485c-a6bd-dfb9ff3fca8e

A method is provided for removing a coating from a coated magnesium alloy product. According to one embodiment, for each data range of parameters to be encoded, a number of bits required to represent a maximum parameter among the parameters in each data range is determined, including a first number of bits and a second number of bits corresponding to the first and second data ranges. A power clamp unit discharges the electrostatic current, which is discharged to the first power supply line or the second power supply line by the first discharge unit, to the opposite power supply line. In another example, a method for priming a printhead assembly includes pushing liquid from a container into the printhead assembly through a liquid port and then pulling froth from the printhead assembly into the container through the liquid port. The initializing unit initializes the storage unit after a predetermined time from an activation of the driving signal. The present invention deploys two independent transmitting paths.

1459827888-c616040b-ddd7-4201-9b74-80abbf886bf6

A printing system includes a processing device, a printing device and a display device. The splitter is indexed from the side of an actual kerf rather than from a side of the saw blade. The slip case is removed so that the first nickel-base superalloy powder and the second nickel-base superalloy powder contact in the transition region and form a non-compacted powder mass. The regions of varying flow volume enable variable cooling across the fuel cell stack, thereby enabling a constant temperature to be achieved across the fuel cell stack. Additional detectors can be assigned to receive light in a similar manner.

1459827888-d64f1620-2d73-4822-8269-b9fd69722f40

A multipurpose site guard for use at all peripheral and central venipuncture infusion sites, sensitive areas, and for pediatric and adult patients. The housing includes a cementing port and a packer on its outer surface below the cementing port. The reliability checks allow to check whether resources meeting the requirements to transmission of a group of data packets of a priority class are available in the network.

1459827888-e323a062-6f4d-4cf7-b4ad-2d79857afedf

A method, system, and/or computer program product presents product recommendations based on input derived from a user's social network. The shell includes at least one continuous sheet element having at least one differently deformable portion

located at particularly stressed regions of the user's body. On the other hand, the first and second panel heaters are heated by supplying a current and the sealants are heated from the outside.

1459827889-60340835-3dcc-4d33-ad8d-3849588756f0

Method and system for optimizing selection of a network. Further, second annular conductors are helically defined from the lower layer to the upper layer, and second annular conductors are helically defined from the upper layer to the lower layer. According to the method and apparatus, by unifying diverse input devices, manufacturing costs and developing time can be reduced, and user convenience can be provided. When in the desired position, the spring-loaded pin is released and the pin reengages the inner leg member. In one or more various embodiments, related systems include but are not limited to circuitry and/or programming for effecting the foregoing-described method embodiments; the circuitry and/or programming can be virtually any combination of hardware, software, and/or firmware configured to effect the foregoing-described method embodiments depending upon the design choices of the system designer.

1459827889-6f18b2ce-c568-4730-81dc-88d7133699aa

Variations in memory array and cell configuration are shown, which eliminate punch-through disturb, reverse-tunnel. A solid state imager, such as a CCD image sensor, is continually clocked during the standby phase prior to irradiation from an X-ray source, so providing on same time an output signal proportional to the accumulated dark current and the continuous removal of the same. Cooperative engagement between the main flap unit and the shutter unit seals the main flap unit and the shutter unit together and prevents fuel from leaking therebetween. Phase values are arbitrarily assigned and a phase values to the subcells. Each of the plurality of holes in the first side is aligned with one of the plurality of grooves in the second side. The invention detects the most common typing errors that involve both permutations and incorrect striking of adjacent characters during data entry via a keyboard of an electronic apparatus.

1459827889-8b2d563e-784f-4423-92d1-1d0b0e7c3e12

A method and apparatus provides a modified color stripe video copy protection signal. The premixer may include a fuel plenum with a number of fuel tubes and a burner tube with a number of air tubes. The LCD screen preferably is flexible, and may be bent to a cylindrical shape around the light-generating element. An example of financial advice is given. a probe measurement head which is movable relative to the rack for picking a module from the rack. In addition, at least one of the bearings can include dual components.

1459827889-9f4fceed-bd30-430a-aad1-45866b3af7ee

Example embodiments of the present invention relate to an electrode structure, a method of manufacturing the electrode structure, a phase-change memory device having the electrode structure and a method of manufacturing the phase-change memory device. If a packet has not been successfully transmitted, it is determined whether an HARQ early termination condition is met. The lamp is resistively ballasted by a current limiting filament connected in series with the lamp. An oval ring-shaped member interconnects the bars in the ends opposite to the base member. Sweep drive mechanisms operate the sweeps. More specifically, the invention is directed to a process for converting a feedstock comprising an oxygenate in the presence of a molecular sieve catalyst composition, wherein the feedstock is free of or substantially free of metal salts.

1459827890-2ddc74f0-45f0-4901-887c-c2fff8b29fa3

Systems and methods for integrated application platforms in accordance with embodiments of the invention are disclosed. The recording medium includes a substrate, a first ferromagnetic layer formed on the substrate, a nonmagnetic layer formed on the first ferromagnetic layer, and a second ferromagnetic layer formed on

the nonmagnetic layer. One interface set on one end of one busbar can be inserted in the other interface set of the other bus bar. A method of ablating a target area is also provided. The images obtained are displayed with an overall magnification of: fSfCSFESD180,. At least one bypass branch from at least one supply channel is provided at the entrance and in the upper portion of the tank, so as to divide the supply delivery to form the filling delivery and a bypass delivery, these two deliveries being supplied to the intake of a double-acting pump serving as a filling pump and a supply pump.

1459827890-b2a23759-863a-4e5e-b383-982e4b047c0a

In accordance with the present invention, an electroplating solution is provided for electroplating satin bright tin-copper alloy solder coatings at high speed. The piece of oilfield equipment has an exterior surface. The reflective element is disposed on the second surface.

1459827890-fa934cfd-6bbb-4b10-b49c-b3399580cce9

Methods and apparatus are provided for removing emboli generated during a surgical procedure comprising a catheter having proximal and distal ends, a lumen extending therethrough, an occlusive member affixed to the distal end, and at least one blood intake port disposed in a lateral surface of the catheter. A swivel attachment is attached to the distal end of the bat and a flexible yoke is attached to the swivel attachment, and an elastic cord is attached to the yoke at one end and to a fixed point at the other. The correlation properties correspond to a desired spatial force function where spatial forces between field emission structures correspond to relative alignment, separation distance, and the spatial force function. The generic Internet based supply chain data viewing engine may be employed in a virtual private supply chain. To reduce or completely eliminate such elevated emissions, an oxidation zone is provided in an waste gas duct downstream of the heat exchange line in the gas flow path, having an afterburner, the waste gas being caused positively to pass through open flames of the afterburner to assure the economical oxidation of the waste gas. In the case where a difference in the feature amounts between the frames is within a predetermined error range, a similar shot detecting unit detects that the shots from which the frames have respectively been extracted are similar shots to each of which mutually the same shot attribute value is assigned.

1459827891-23a7ce0b-58d5-467f-8096-3a108b190c25

In a method for forming a layer of coating material, a conveyor having a conveying part which is pervious to the coating material is used. A heat treatment process has been found to significantly increase the oxygen-scavenging performance of the polymer. The kit also includes mosquito netting to cover the doorway and windows of the shelter. The automatic machine is adapted to rotate the medicine container transversely of its longitudinal axis.

1459827891-824d9cd2-ed9a-46f2-8938-d8a1b9a25de2

A transmission of the present invention has an input member, an output member, four planetary gear sets, a plurality of coupling members and a plurality of torque transmitting devices. The light assembly includes a lens, a plurality of light-emitting diodes and a housing that receives the plurality of LEDs and the lens. If during high-speed reproduction that particular unit of picture data is to not to be displayed, then the whole unit of data may be skipped according to the user data which specifies how long the data unit is. This unambiguous printed ballot makes it easy for voters to verify the accuracy of their intended vote and can subsequently be used to cast the voter's official vote or saved to provide an audit trail for subsequent confirmation of the electronic tally. The controller compares the amount of time the ingredient feed mechanism is active with a reference value and switches to a timed mode if the amount of time deviates from the reference value.

1459827891-cacdcbbb-9f34-4666-b37e-863a26c76f00

A printing plate is prepared for the insertion of images by applying an ink accepting layer and an ink repelling layer to it. Each structural shelving component has a face surface and elongated edge surfaces. A first bushing is provided having an aperture with a first dimension that mates with a corresponding first dimension of a positive cast-on-strap post. Preferably, the ratios of components in the solutions used to make the hydrogel are such that in the hydrogel the silica/alumina molar ratio will be in the range of about 2. The invention is also directed to pharmaceutical compositions comprising the compounds, and to the use of the compounds and compositions in the treatment of diseases mediated by the M1 receptor. The oxygen reacts with the silicon to form oxide, which provides electrical isolation for the fins.

1459827892-78aaf089-0c63-469c-bfdf-200c2a95c126

A method and apparatus for characterizing the spectral response function of hyperspectral electro-optical instruments or imaging spectrometers are provided. The direct digital speaker includes many pressure producing elements being adapted to generate a sound at a sound pressure level and at a given frequency in response to an input signal, without using digital to analog converter. One of the traction base or slider is at a fixed longitudinal position with respect to the head support and the other of the traction base or slider is at a fixed longitudinal position with respect to the cervical collar. An oxygen-containing gas is passed through the positive electrode chamber 33, a negative electrode solution L is supplied to the negative electrode chamber, and preferably the negative electrode solution is circulated. After the cooling device has been replaced and is operating normally, the CPU can be powered back up, interrupts can be enabled, and the CPU can once again execute user and operating system processes.

1459827892-916cb172-a6c4-4abb-a997-79909aa97f0e

An object locating system includes a primary portable controller including controls and LEDs, a transceiver, a digital signal processor, and a memory. Each information work includes information, and cross-references can be between information in the respective information work. The collected data is aggregated and analyzed to generate data regarding the search queries used to locate and access particular destinations. The ink tank has a partition wall that defines, inside the partition wall, a passage of the ink entered through the inlet to an inner bottom surface of the ink tank.

1459827893-68f84aed-995a-452b-9066-b8d9b9643d0c

A method increases the spatial resolution of a source image based on an auxiliary, co-registered image of a higher spatial resolution. The circuit includes an adjustable sine wave burst generator which generates a low voltage longitudinal ac signal that is transmitted across the balanced pathways. Accordingly, thickness and power consumption of the backlight assembly may be reduced and display quality may be also improved by preventing leakage of the light at ends of the sub LCD panel. The first locking member defines an outer periphery extending along the inner periphery of the first opening of the housing. Because of such a structure, a mass increase of a section which should be driven together with the electrode is restricted, and high response in X-axis, Y-axis and Z-axis directions are achieved, whereby an electric discharge machining apparatus capable of improving a machining speed and a machining accuracy is achieved.

1459827893-b6c0301b-6f6a-4240-a5f6-de224b5db8c4

A method for reducing the fogging effect in an electron beam lithography system wherein the exposure is controlled in order to obtain resulting pattern after processing which conforms to design data. The invention allows materials known to be well-tolerated within the human body such as alumina-oxide ceramic and platinum to be used as raw materials in the fabrication of body-compatible, single or multi-channel leak-tight feedthroughs. The closure member is displaceable with respect to the body between a first configuration and a second configuration. When an AC

magnetic field is applied to an on-chip antenna from outside, eddy current is produced in principle because the semiconductor substrate is conductive.

1459827895-591bb5c3-1721-41b2-be6d-e3b40b72d6be

An exposing apparatus for projecting a pattern on an original plate stage onto a substrate of a substrate stage via a projection lens. In one aspect, the method comprises providing a memory array comprising a memory cell in one of a plurality of states. The warming resistors are formed above the recording element substrate through the ejection resistors and an insulating layer with respect to a lamination direction of the recording element substrate and are disposed between the ejection resistors and the ink flow paths. The striking plate is punched or welded on the golf club head to thereby form a gap between a sole plate of the golf club head and the weight combined with the rear surface of the striking plate. A ratio of absorbing attenuation and a thickness of a blood layer is not affected by a thickness of living tissue.

1459827895-71811693-5f9a-42e4-b020-e2aea05f686a

Porcine reproductive and respiratory syndrome virus causes serious economic losses in swine. The presence of small amounts of F are effective to lower the refractive index, and hence the NA, of the core region even in the presence of significant amounts of A1. The gaming device provides any awards associated with the activated wheels to a player. The first drive member is independently rotatably associated with the camshaft. The regular expression also allows the creation of a superset matcher, permitting multiple stages of matching of increased accuracy to produce additional throughput gains.

1459827896-67098b7c-fa69-46db-a60d-b6be824ffdf9

A molding machine for machining workpieces of wood or plastic material has a transport path for transporting workpieces in a transport direction and adjustable spindles arranged sequentially in the transport direction on the transport path. A device is needed to make a representative measure of the boat's acoustic power using measured boat sound level with integrated corrections for sensed distance to the boat and measured ambient sound level. The key performance indicator may be evaluated by retrieving the indicator value from cell of the spreadsheet, comparing the indicator value to the goal value, and providing a visual indication based on the result of the comparison. When the selected print setting is the print setting to be applied, the printer driver applies the print setting to original data to thereby generate print data.

1459827896-a49db945-88eb-4756-bb43-6a81e6dc906a

A spiral configured structure formed of metal or polymer is naturally biased into an erected and spiral arranged position, to form either a cone, a cylindrical structure, or other shaped structure, and which includes a series of lights, or a highly illuminated or phosphorescence dyed cloth, to act as a warning structure to the surrounding environment. Process water or effluent discharge from the drying process is reduced or eliminated. The image data can be captured at multiple disparate points along another continuum. The system may include a central processor that activates the device.

1459827896-af9b135b-ff71-474b-ad6a-17888e387b8a

Embodiments are directed to the providing a cloud keying and signing service and to securing software package distribution on the cloud. In one embodiment, a method for providing control moment gyroscope attitude control singularity escape includes calculating a Jacobian A of a set of control equations, calculating a measure of closeness to a singularity, and comparing the calculated closeness to a threshold value, when the calculated closeness is less than or equal to the threshold value, recalculating the Jacobian A. The image to be printed is analyzed in respect of the image attribute and the information regarding the measure of the nozzle firing quality is used to determine an optimum printing speed for printing the image. The

elongated anchor planks connect to the widthwise frame and the mattress support frame, and four anchor struts are fastened on the outer frame respectively near the lower ends of the elongated anchor planks for the anchor planks to rest without swaying. The method allows the inner tube to be detached in a controlled manner with a high degree of uniformity from the outer container and to be placed against said outer container again without a significant inclusion of air. By altering the airfoil profile throughout its span, the natural frequency of the airfoil is altered so as to not coincide with a critical engine order of the compressor.

1459827897-098d125a-e73a-4a01-a962-89a74c55dfde

A method and device for using laser light to trap non-atomic particles optically within a hollow region of a hollow core optical fiber. A compound light directing member includes a light pipe bundle wherein at least some of the light pipes are to individually direct light energy from one or more sources onto one or more of the photodetector elements. The VCO outputs an oscillation signal in response to a difference between first and second control voltages.

1459827897-427c9605-d323-4ff0-a198-d8edd573a939

A method is provided for centering a steering rack in an automotive vehicle, particularly a vehicle that includes an electric power steering system. The clamp actuator includes a first actuator configured to be interactable with a rod; and a second actuator configured to be interactable with the first actuator. Such dial tone testers can include a visual device or an audible device indicative of line status. The cover includes: a door, which covers the folded air bag. An access terminal can include logic configured to determine an optimal paging cycle and logic configured to set the paging cycle based on the optimal paging cycle, where the paging cycle varies based on at least one optimizing metric.

1459827897-8726c697-2d57-4a2d-bf20-3a97c587672a

A method for controlling access to information is provided. Furthermore, in a channel estimation process, if a Synch Word to be demodulated is included in any of groups into which a plurality of symbols are divided, the Sync Word is demodulated by using a channel estimation value obtained with the channel estimation process using not this group but another group. the total extract, obtained by treating with supercritical carbon dioxide a suitable extraction matrix, made by 50% biological tomato berries and 50% biological dry fruits and/or other components, following a co-extractive technology. An NBC and/or a CBRN filter can be mounted to the apparatus to allow for release of pressure from within the enclosure. The pocket panels are reversible in orientation. The body portion is integral and in one piece or is an assembly of inner and outer tubes.

1459827898-05b4682e-2fe1-4bf3-8f24-0d1eaa27d59b

An apparatus for separating liquid from a slurry comprised of a solid and a liquid is described. The product gases from the synthesis stages, with the exception of the last stage, are separated into at least two partial flows. Forming the soldering bumpers includes a step of forming the soldering bumpers in the same pattern and size by means of a photolithography process.

1459827898-3265465c-8621-4c4a-8adf-5ff0dab4836f

A reset of a synchronization counter is synchronized to an external deterministic signal. The closed-loop radiating element is formed on a first surface of the dielectric substrate. While the body of the pin lies flat within the channel, the pin end hooked into the hole in the base plate resists push or pull forces on the pin, thus limiting damage and eliminating misalignment of the pins. The transport module interprets the units for packetizing and/or multiplexing purposes. In the latter instance, the effectiveness of ultrasonic treatment of the single workpiece is enhanced by favoring formation of progressive waves and minimizing formation of stationary waves.

1459827898-6693ddea-a651-42c6-8f0a-ecce8cd0882a

A method for constructing a scotopic after-glow lamp for use in an electric lamp with the scotopic lamp having a lamp wall is provided. A fulcrum coupled to the operating cylinder includes channels within which levers can be selectively activated to open specific doors of the car, thus allowing the contents of the railcar to be sequentially emptied. The first reference data is obtained by learning the first characteristic amounts of a plurality of images, which are known either to be of faces or to not be of faces.

1459827898-b7fb6048-f7cb-46c4-b63e-6d3907b97582

A method of dynamically linking abstracted hardware devices, which are used in association with gaming machines, to gaming software is disclosed. The drive tool includes a top portion which is engageable with a drive source and a lower portion which is engageable with a fastener. The antenna includes a plate and a case that are electrically continuous with a matching-use base plate.

1459827899-1bd18b26-0cac-4737-b3f2-36fe6bb84bcd

The present invention is directed to pyridyl, pyridazinyl, pyrimidinyl and pyrazinyl piperidine compounds that inhibit the glycine transporter GlyT1 and which are useful in the treatment of neurological and psychiatric disorders associated with glycinergic or glutamatergic neurotransmission dysfunction and diseases in which the glycine transporter GlyT1 is involved. The sequence comprises a given number N of symbols which are part of an alphabet of symbols, N being an integer. The provided process involves initializing the first NFC device to perform a device detection polling loop for detecting a second NFC device. The access modules include at least first and second active access modules and a spare access module. Due to the foregoing, buckling caused by an inserting load in the process of automatic wire connection can be positively detected, and the reliability can be enhanced and further the repetition of connecting the wire again can be reduced. An interlayer of the laminated glass is tensioned so that the windshield has a force acting to cause the entire laminated glass to flex toward a passenger compartment.

1459827899-2b82fb43-c380-4998-888a-a884801ad891

In the disclosed wireless information consumer electronics apparatus, limitation of mounting position of antenna is small, and further limitation of place of installation of the apparatus is small. The locking device mounted on the door. For a plurality of focal point detection regions the focal point detection regions are changed according to the trimming range of the imaged picture. by selectively activating or deactivating service logic modules in the gateway devices.

1459827899-38aab7e0-ea6b-4fce-85f7-9e6df9abb1a1

A method of making and recycling a golf ball is disclosed. An opening in one plate communicates with the measuring vacuum chamber and has a sealed connection for joining to medium to be measured. A mechanical link is rotatably connected to the leg so that movement of the mechanical link applies rotational force to the leg to cause the leg to rotate about the axis. In one embodiment, the outer woven sleeve is configured into a predetermined shape through manipulation of the catheter and used to maintain the inflated balloon within that predetermined configuration.

1459827899-44758526-007d-4827-b45e-5e1e1a388fad

Method and device for reduction of a gas component in an exhaust gas flow of a combustion engine that is adapted for operation by a lean airfuel mixture. This prevents a finder or a third party from obtaining information stored in the smart chip or accessing the mobile financial service as the owner of the terminal. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention, and compounds identified thereby.

1459827900-657d0885-13b9-40ff-b9df-30a4385670f2



The invention relates to an analog to digital converter computing all the bits in parallel or sequentially, without using decoding logic having an analog input and a digital output, wherein given the analog signal  $x$ , each bit can be computed by applying a formula containing a non linear periodic function which may be sine shaped or pulse shaped. For example, the encoder adaptively changes frame sizes to reduce blocking artifacts at low bitrates. The body further has a middle region defining a middle through-hole portion with a dimension that is smaller than the first through-hole dimension. A lookup process includes a simple and finite set of instructions that can be efficiently implemented as pipelined hardware and support very high packet arrival rates. Springs located in hinges on the fins accomplish the complete deployment of the fins after proper orientation by the actuators. At least one automated operating parameter is generated automatically in response to the single click by the user at the discrete region of the selected image to determine whether a contour of interest is in the automated ROI graphic image.

1459827901-53ef8ee1-7085-44e8-ad76-f4df73c77b00

A method and an apparatus for upgrading an existing service outlet in a house by adding functionality thereto. Correlating or translating involves relational to object translation, object to object translation, relational to relational, or a combination of the above. The computer system accesses object identifying data corresponding to the object. The interface includes a video player upon which video content is displayed as a video and a tag display presenting tags associated with the video. Then, in another phase, a generator traverses the object model hierarchy in a top-down manner, producing source code files corresponding to objects in the object model. The internal chamber includes one or more guide tubes configured to route the cable through the interior portion of the top tube or the down tube.

1459827901-6dfbd2a3-32d6-4363-a9ba-7d171b809ecc

A system and method of controlling the movement of a virtual agent while the agent is speaking to a human user during a conversation is disclosed. The steps include fabrication of modular cooling ribs, each including microchannels along the cooling edge and a peripheral flange. The present invention also includes functions for comparing one image model to another. Only one cam member may be rotated, or alternatively, both cam members may be rotated sequentially, depending upon the amount of expansion which is needed. Dust generated by cutting the sheet member is prevented from scattering by cutting a cutting site with the cutting member after printing a predetermined pattern along the cutting site of the sheet member with the printing head. The disclosure addresses example configurations for such input devices that may be used to provide inputs to the wagering game system.

1459827902-62ede07a-ad6d-468d-b621-6d9363a637d7

In the invention, each piezoelectric element for a vibrator for an ultrasonic motor has electrode regions for exciting stretching vibration and flexural vibration separately. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. A machine system for implementing the method encompasses a cutting device for the relief cutting of workpiece lugs as well as a thread cutting device. At least one of the members also has a plurality of elongated, substantially parallel cavities with one end at a wall of the member that is spaced apart from the edge wall of the member, so as to define a recess or step adjacent to the edge wall, and an opening. The profile is characterized by a camber ratio, and the camber ratio of the profile is greater than or equal to approximately 4%.

1459827902-66920e8f-ea97-4236-b6a9-3f91ead93c0e

An NH<sub>3</sub> applicator implement is equipped with a hitch arrangement for automatically effecting a connection with a tongue of an NH<sub>3</sub> nurse tank wagon. The carbon filter

removes free residual chlorine, the particle filter removes particles including carbon particles from the carbon filter, and the ultraviolet filter kills bacteria. Nearly all of the reverse bias voltage is across the MOS transistor until the MOS transistor breaks down. When processed by the server, the stop data indicates to the server that at least some of the encrypted data received by the client device from the server was not decrypted using the second key.

1459827902-81169e71-f278-448f-83a6-48e6071a2af4

Provided herein are compounds, pharmaceutical compositions comprising such compounds, and methods of using such compounds to treat or prevent diseases or disorders associated with HDAC activity, particularly diseases or disorders that involve activity of HDAC1, HDAC2, and/or HDAC6. The ultrasound transducer transmits ultrasonic radiation into the spot weld joint, receives corresponding echoes, and transforms the echoes into electrical signals. Steel body formation may be done by traditional press compacting or, alternatively, by injection molding steel powder in molds. The ETT has a transmission interval and program description information according to the EIT. The console interface implements a plurality of browser methods which each define a browser function which can be invoked by each snap-in component. The track base lines of the outer ball tracks, at the attaching part end, form a radius whose center is positioned beyond a first longitudinal axis and is offset by a first offset from the central plane of the outer joint part towards the attaching part.

1459827903-75ee63a3-9d4e-425f-b9b7-96c03a9eba85

A new and distinct cultivar of Hydrangea plant named 'Dancing Angel', characterized by its upright and mounded plant habit; strong roots and stems; strong and dark green-colored leaves that are dark yellow and purple-variegated in the autumn; and large mophead-type inflorescences with pink and red purple bi-colored flowers. The antenna elements use a hole arrangement in addition to grooves in a steel tool body, which is typically a drill collar. After connecting the pins of the blocks with no timing constraints, each wire is assigned to a metal layer, based on length. A method for forming a multilayer green body tape using simultaneous wet on wet ceramic slurry deposition is also provided. The set of configurable input-select circuits in each interior tile has a set of inputs that are supplied by a set of asymmetric locations in the configurable IC.

1459827903-a898f820-46f5-42c1-9e36-8ccd52cf557c

A maskless exposure system that has multiple maskless optical engines arranged in an matrix that form and project a pattern onto a substrate. The first robotic attacher is positioned to service each of the first plurality of milking box stalls. The valve assembly comprises a valve and a valve control mechanism.

1459827903-fe0ecde6-4956-4bc1-b10f-56f6f570bdea

The invention provides an organic EL display device usable for both negative and positive polarity video signals. The mixers and waveguides are accommodated on a substrate surface and multiple substrates can be layered up to support a two-dimensional array of waveguide openings in a face of a waveguide mixer block. Further embodiments relocate the resources from a sub-cache to a different sub-cache based on their persistence score, and remove the resource from the memory based on the persistence score.

1459827904-7101c7ba-22cf-4c44-9fdf-ade6351d8fe9

An automatic handset lifter is used with a wireless communication system. The monorail bogie comprises a load-bearing wheel having an axis of rotation that is parallel to the running surface. The fuel pump increases the pressure of the gas to allow efficient injection into the chamber. A hydraulic circuit is operator activated to allow fluid flow through a flow divider to ensure each cylinder operates in concert. The integrated circuit of the present invention exhibits minimal sensitivity to enhanced low dose rate sensitivity effects of radiation, and

pre-irradiation elevated temperature stress effects of radiation. Further, a method of transepithelial delivery of a drug to a human by topical application to the skin of a human of a composition including laureth-4, propylene glycol, dimethylsorbide, a pharmaceutically acceptable diluent of water and ethanol and an effective amount of a pharmaceutically acceptable drug has beneficial delivery effects.

1459827904-935484eb-a33a-4da8-99b3-2b8a8a5ce23b

A method, system, and apparatus of a touch-based authentication of a mobile device through user generated pattern creation are disclosed. A part of at least one of the plurality of intermediate members is exposed to the opening. The first sheet-shaped member has a higher stiffness than the seat pad. The completions permit temporary or permanent monitoring of changes in reservoir saturation with the use of mobile sourcessensors. A method to control power to a light-emitting device to switch current to a parallel connection of an inductance device and a light-emitting device repeatedly between a charge state during which said inductive element is charged and a discharge state during which said inductive element is discharged through said light-emitting device. As a flame retardant component, the shear thickening composition provides an enhanced char formation mechanism for superior flame retardance.

1459827904-ae1cc6ae-a934-4a54-871e-1517835274dc

The present invention relates to a two-stage lock cylinder structure, which includes a lock casing, a lock barrel and an actuating unit, wherein a first joining member is located at one end of the lock barrel, and the actuating unit is fitted with a corresponding second joining member. A challenge-response key exchange is implemented between a bootstrapping server function and mobile terminal. An interior load bearing shaft is within the exterior shell and is proportionally smaller than the exterior shell. The sintering agent is brought into a recess of the substrate that accommodates at least some areas of the component. The second layer is provided between the first layer and the p-type semiconductor layer and includes Al<sub>x</sub>2Ga<sub>1-x</sub>2N having second Al composition ratio x<sub>2</sub> higher than the first Al composition ratio x<sub>1</sub>. The method can also include accessing a particular node utilizing a selective one or more search methodologies including keyword search, hierarchical search, and dichotomous key search.

1459827904-dc1a9f6f-0a1d-4a2d-9f20-63d63583e8ab

The disclosed apparatus includes a stator and a rotor disposed for rotation within the stator. The system includes a detector, a converter, a generator, a process control unit, as well as an ejector mechanism which is disposed to be activated for ejecting the sterilized object on receipt of a negative comparison signal from the process control unit. The expression \u201cadditional functionality\u201d includes UV resistance, yellowing resistance, photooxidative stability, flame retardancy, and sealability. The logical types of information managed by datasets in the preferred embodiment include graphical objects, blocks of text, spreadsheet cells, and database records.

1459827905-2472efe2-a9ce-4556-b71a-44eba42316da

Elements, which are used in a medical activity, are stored in a storage space including a plurality of partitions which are each dedicated to receiving a certain type of element assigned to a predetermined medical activity. The bipolar transistor has a raised extrinsic base such that the link base resistance is reduced by providing an extrinsic base which is thicker than the intrinsic base. The present invention can effectively improve the successful handover probability. The client having restricted access to what changes can be made to the data on the Enterprise server, yet sufficient permissions to require a single point of access to maintain user access to both the message server and the Enterprise servers. The multiplexers receive audio information or information already assembled in asynchronous transfer mode cells from the channels selected by the call monitors, and disassemble and multiplex the received information for assembly into the

payload of a new ATM cell.

1459827905-2dad8515-2e8e-4d84-b84a-6bc79c05cbbf

A system for molding dispensing valves includes first and second mold sections, at least one of which is movable with respect to the other between a closed position in which the mold sections form a plurality of dispensing valve mold cavities, and an open position in which the mold sections are spaced from each other and the mold cavities are open along a mold parting line. In place of expensive chemical mechanical polishing, in the method of the invention, mechanical polishing and chemical etching are continuously applied to thus sequentially remove and planarize the unnecessary metal layer. MPTS channels are rebalanced via re-grouping and transrating as necessary to optimize bandwidth utilization.

1459827905-52401b0b-9614-4142-adf3-334c613801f2

A clamp including first and second clamp members, at least one of which can be pivoted between an open orientation and a closed orientation. The total number of cycles of the central processing unit clock signal that are applied to the processor core and the period of the central processing unit clock signal are used to determine the time quantum. A transformed signal and spreading code are multiplied to provide a product whose phase is shifted by the propagation delay of the signal in shift means.

1459827905-bb8ec7c0-9b6d-440e-9a1f-f56793c03d04

According to one exemplary embodiment, a structure comprises a substrate. The support member has a groove formed all around its inner circumference, and the O-ring makes contact with sidewalls of the groove. A switch at the service site directs data messages to service lines coupled to the site which have destination addresses corresponding to one of the service lines. An apparatus for lapping a wafer is further provided that includes a hardened lapping carrier and at least one lapping plate proximate the lapping carrier for lapping wafer disposed within the at least one opening defined by the lapping carrier. The latching switch utilizes an electrorheologic fluid and the electronic latch function thereof is actuated by a pressure signal and deactivated by the removal of both the pressure signal and a holding voltage.

1459827906-50f94ad0-3ed4-4537-8230-d3e06ec22989

Certain embodiment of the invention discloses a new gate driver structure suitable for TFT display apparatuses, comprising a gate driver having at least one channel for outputting voltage signals; a switch circuit for controlling the outputted voltage signals from the gate driver; and a TFT substrate wherein the gate driver and the switch circuit are positioned on the substrate. The first reflector layer is a layered body and the second reflector layer is a layered body. The end sections of the axial thrust washers are bent over so that they are supported on the prominent unbalance masses, and form a funnel-like entry region for the rolling elements or for a cage of the rolling bearing which houses the rolling elements. A driver portion drives the optical system and scans light ray information about the object. The deployable bed is configured to rest upon and/or connect to the conventional sofa, chair, and the like with the conventional sofa, chair, and the like providing support and acting as a head board. Bit maps define the attributes of each character position of variables and ranges; character maps define which character positions are constrained to a fixed character for each of the ranges.

1459827906-669e2b2f-bd00-4745-883a-0891f865943a

Wireless mobile communication devices located in near proximity of each other may be enabled to form a mesh network. The appropriate programming code is identified from among a variety of code objects being broadcast from the headend facility of the cable television system. An obturator used with the cannula may also have a longitudinal slot extending along its length. The viewing device is reciprocated up and down or from left to right depending upon the embodiment to change the colors

perceived by the user's eyes.

1459827906-a5fb54d8-0da9-48b4-89d2-225022bb989c

A device, a method and a computer program for position determination are provided. For the non-machining forming of the brake caliper two mould parts each partially receiving the brake caliper are used, in which support surfaces and action surfaces are formed on the brake caliper in such a way that the brake caliper for the subsequent machining is supportable by its support surfaces in a defined manner and clampable by means of clamping forces acting upon its action surfaces. A sample of the material is treated to diffuse target decay isotopes within the sample such that the measured alpha particle emission directly corresponds to the concentration or number of target decay isotope atoms within the entirety of the sample, enabling the concentration of target decay isotopes in the sample to be determined. From the perspective of the server, a motion-based affiliation initiation request message is received, and based on the message, at least one device is determined to receive a motion-based affiliation request message. A density of the weight member is greater than a density of the shell portion.

1459827906-d4fc8cd9-1dd6-45f6-b967-0e14ffc4847f

A novel small format touch screen user interface for displaying, adding and editing program setpoints is described. The injection assembly includes an effusion plate that has a plurality of plate openings and a plate sleeve having a sidewall portion that includes a forward edge. The distributed gateway routing elements communicate with each other over a virtual bus that guarantees quality of service for SS7 message packets. A pressing force per unit area applied to the glass substrate by the mechanical chuck is at most 25 kgf/mm<sup>2</sup>. The control element can be based on multilayer dielectric stacks.

1459827906-eea20894-50e2-41f7-8965-b0b4f001819e

A data transfer apparatus improving data transfer rate regardless of the original transfer mode in a USB interface is disclosed. Such alerts may be communicated to the authorities through any suitable communication method such as, for example, phone calls, email and/or SMS text messages. When the color information is color-separated into the colors, it is determined if the two regions share the color, and trapping for an adjacent portion of the two regions is controlled. If the elastic strand is made at a location different from the location where the strand is used as a raw material, the strand may be heated at either location, or both locations. Auxiliary side appliances can be located left and right of the main cooking area. A mechanism caches hash buckets in SRAM and stores other hash buckets in DRAM.

1459827907-78b3cc31-c7d5-4f94-9785-f986d7db8ac6

An audio system includes a general-purpose computer in the audio signal path to provide, or to enhance, pre-amplification functions. Regions of the scene in the image data which may correspond to one or both eyebrows of a person and which may correspond to one or both eyes of the person are extracted from the data. Some of these WCDs may be eligible for channel-assignment-into-soft-handoff, wherein a WCD is assigned multiple traffic channels from multiple wireless coverage areas during call initiation procedures. A number of methods of producing unitary polymer structures with a plurality of projecting microfibers are also provided.

1459827907-86f619c0-64a5-483e-a9d8-1e332411f2ef

The present application describes a method and an apparatus for characterizing a conductive plane using multipoint measurement. The database is updated by a special interface application using a log file and the AV driver cache. Each product selection panel includes a plurality of keys, each of which is associated with a type of product stored in the vending machine. The earth ground for the building has a direct connection to one of the enclosures.

1459827907-bd7538fc-68f2-412c-bb9c-46ed20564c5d

The stamp for use in a lithographic process, such as patterning a surface layer, of the invention has a stamp body with a first and a second side, at which first side a printing face is present and at which second side a stack of a carrier body and a reservoir for liquid are present. In one aspect, the device has a stack of layers. Efficiencies of construction of the sectional covers, disk and a sensor probe are disclosed. A series of related events forms an event path that progresses chronologically. Thus, the output signals are held after the power input, and after the input signal rises, the signal transfer function is started, so that the output of incorrect control signals can be prevented, and thereby erroneous operation of a printer can be prevented.

1459827907-d081a8c2-2310-4794-b4f3-36c4ad464a52

An indexing mechanism is disclosed that can put a tool in a variety of positions while downhole in the face of high static and dynamic loads. The present subject matter relates to an arrangement and methodology that provides an interrogator paired together with a separate receiver, which may comprise a second interrogator, functioning together to perform a self-testing operation. A second, generally L-shaped sleeve is fitted up against the back of the first sleeve so as to place the lip end of the inboard seal in a similarly raised or retracted position. A photo-sensor is provided at the toss hoop to record a valid toss when a ball is tossed upwardly through the hoop within a predetermined height range and descends through the hoop prior to the serve.

1459827907-d3ebdee2-0220-47c3-8123-439a404b9436

An interleaved voltage-controlled oscillator is disclosed. Each retroreflecting element is configured to selectively retroreflect two optical rays. Preferably, the inductor and the cable follow an S-shaped path to facilitate good electromagnetic coupling therebetween. Accordingly, such constraining members may aid in preserving the microcomponent with its substrate during the release of such microcomponent from its substrate during fabrication. Extenders connect the modules to the drive shaft and can change the distance between the modules and the drive shaft while the drive shaft is rotating.

1459827908-19054989-53ff-4c80-adff-e9a20f3b8e37

A semiconductor device has a resistor area and wiring area selectively disposed on a semiconductor substrate. The oxide hard mask is preserved in the present invention by utilizing a method which includes a chemical oxide removal processing step instead of an aqueous HF etchant. The feeding axle has a first engaging portion.

1459827908-2f01332f-7bde-4f42-9b01-425ddf4f05d2

Disclosed are liquid nutritional compositions comprising: carbohydrate; lipid having from about 0. Shunts extend between the rails at intervals along the railroad track. The partial feasible routing solutions are then merged to identify one or more feasible routing solutions for the set of wires to be routed. The identification information can be used to partition and/or route the combined packets to their respective destinations. The welding wires are composite materials comprising a metal alloy and high temperature nanoparticles dispersed in the metal alloy.

1459827908-5d0d7058-4370-4c5c-b8d4-56b08b42cdb7

A portable instrument with strings hammered by strikers operated by keys of a chromatic keyboard is described. Subsequent to filling the microwells, the microchannels are sealed to protect the integrity of the solution in the test microwells. The specular control device permits a spectroscopic analyzer to receive the diffusely reflected light that is reflected from, for example, a first layer or depth within the tissue, while preventing the remaining diffusely reflected light from reaching the spectroscopic analyzer. An exhaust fan is mounted on the housing above the second inlet region while an air supply fan is mounted in the housing on

the downstream side of the mixing chamber.

1459827908-6692914c-009c-46da-8ff9-6aa8dd96c506

The present invention provides a novel telecommunication architecture. The back 18 of the staple has a rearward extension 22. A fluid passageway extends from the container housing through a piston stem. In another, a multipurpose guide collar locks and drives the trap door in and for movement between the raised and lowered positions, and assists in animal release and in resetting of the trap.

1459827909-2932e7c2-3074-443c-904c-a3d5eb87ec5a

A system and method is disclosed whereby a patient at a senior care facility can send and receive messages via the inter-net. A detection unit moves in an X-Y plane at a position apart from the surface of the magnet. The described transformation techniques may be used to convert any object whose schema changes occur at the page-level. As a result, the standard practice of numerically iterating between the image and projection domains is avoided. Top and bottom extension faces extend from a wrenching face of the slide and are located on inner faces of the wings. Thus, Joule heat is generated at the contact portion between the bottom of the outer case 16 of the unit cell 10a and the positive polarity terminal 18 of the unit cell 10b so that the contact portion melts.

1459827909-867dd4ff-d45f-4de8-81af-409315042d20

An eyewear structure combinable with an accessory glasses unit comprises a main glasses unit and an accessory glasses unit each having assembly bores drilled at a bridge thereon wherein attracting elements with insert grooves and attracted elements with insert rod are respectively combined with magnetic elements and embedded to the assembly bores of the main and accessory glasses units. The chassis includes a chassis bottom wall, a chassis front wall and a chassis rear wall. By enabling the flow sources to regulate their data traffic based on the QCN messages from a congestion control component, the queue length at the bottleneck link may converge to an equilibrium queue length rapidly and TCP throughput performance may be enhanced substantially in a TCP incast circumstance.

1459827909-a06a7186-052e-4aac-abc-f87bde6f2461

A vehicle body structure for fitting a pillar garnish and a fender panel is provided which surely prevents a space formed in the surface of a vehicle body from being viewed as black. The vector constructs that are described include a number of modifications that enhance the safety of the vector. The integrated circuit applies the divided local oscillator signal to the mixer circuit instead of the local oscillator signal during testing.

1459827909-a9d3f15e-9e96-4cd8-b0d1-5f8e58d98ef1

A process for polymerizing ethylene is disclosed. More particularly, a superabrasive insert may comprise a superabrasive layer bonded to a substrate at an interface. For a shorter interval during back-EMF detection, the voltage drop across the motor is reduced from the full power supply voltage. The columnar body comprises a hollow tube, a plurality of pins inserted inside the tube, and an insulating sealant filled inside the tube. In one embodiment, the game is continuous in that the icons are replenished after being selected. The system can utilize the matched and scored account pairs to determine duplicate accounts, and terminate at least one of the accounts in a duplicate account pair.

1459827910-28dfa9a3-e61a-4878-aa15-76792176046e

To provide a liquid crystal composition satisfying at least one characteristic such as high maximum temperature of a nematic phase, low minimum temperature thereof, small viscosity, suitable optical anisotropy, large negative dielectric anisotropy, large specific resistance, high stability to ultraviolet light and heat, or has a suitable balance regarding at least two characteristics. The box includes doors to either side and neither the box nor the doors extend above the top of the sidewalls

of the truck bed. The decoder may select a row or column of the memory cell. When a notification about changed network configuration parameters for a radio cell is received, known positioning servers simply erase all positioning data records related to that radio cell. A plurality of paths are defined through the lower end of the sleeve so that by shifting the core to let either of two flexible disks to seal the paths in one direction, the direction of fluid flow can be controlled.

1459827910-29779e70-6183-42b9-8f05-71d3117de91b

An apparatus, and related method, for determining one or more association variables is described. The transfer case receives torque from a power transmission mechanism and distributes driving torque to a primary traction wheel and axle assembly and to a secondary traction wheel and axle assembly wherein an electric motor power boost for each traction wheel and axle assembly is available as well as a regenerative braking power recover from either or both. A lower insulating pattern, which is covered with the charge storage layer and thicker than the tunnel insulating pattern, is disposed on the semiconductor substrate beside the tunnel insulating layer. The preferred embodiment provides a duplicate instance of SCTP on a separate node in the cluster which provides a hot back-up to the primary instance. The controller is for controlling the driver to spin the body based upon the measured voltage to orient the control panel to the user.

1459827910-3707c211-aac5-4abd-b20b-6494461f6745

The present invention extends to methods, systems, and computer program products for automatically optimizing memory accesses by kernel functions executing on parallel accelerator processors. An active gear wheel and a passive gear wheel are disposed respectively on two rigid frames. A subset of this pool of virtual real memory is a block of memory allocated for use by an application. Hereby the time needed to reduce vibrations between steps is eliminated. Sizing and construction of the struts forming the peaks and valleys can create bimodal deployment wherein the struts bend under increasing stresses to enable the stent to expand to larger diameters. The module includes a power shell and a plurality of lead frames each lead frame including a conductive pad on which one or more MOSFETs may be electrically mounted.

1459827910-a8de8553-5864-4529-b6d0-8a73cd04d82f

A retransmission control scheme and a wireless communication apparatus wherein the efficiency of retransmission control is enhanced to further improve the system throughput. The valve unit includes a phase transition material, which melts and expands upon an application of the electromagnetic waves to the valve filler, and the valve filler is directed into the channel through the connection passage and closes the channel. The resin is a thermoplastic polyurethane resin that is semi-crystalline at room temperature. In addition, the control unit includes a stapler actuator coupled to the stapling mechanism in the stapling head, actuation of the stapler actuator causing the stapling mechanism to drive staples through the folded lumenal tissue against the anvil.

1459827911-0e89cc03-1bd9-463f-8000-676a6d5c29b7

Various example embodiments are disclosed herein. The portable storage device is pre-configured to contain multiple root directories uniquely corresponding to multiple print job management programs. In the ionic liquid, the amount of a salt including the second alicyclic quaternary ammonium cation is less than or equal to 1 wt % per unit weight of the ionic liquid, or is less than or equal to 0. The intermediate portion can be configured to produce a compensated signal based on the processed input signals. The function is provided that, when this illumination device is arranged at the front of the illuminated body, rays are projected on to the illuminated body and rays reflected by the illuminated body are transmitted with scarcely any dispersion. Related methods are also described of performing equal comparisons while providing binary hysteresis.



1459827911-39d698d6-ae7c-4716-bb22-88d69e6bcb66

A mandrel for composite fabrication includes an open cell foam carrier and at least one vacuum bag enclosing the open cell foam carrier. The correlation destruction information is calculated based on whether pieces of performance information newly acquired from the elements satisfy a relationship represented by the correlation functions. The dual-mode PMOS transistor has a size and gate-oxide thickness each having a magnitude that cannot accommodate a permanent tie to the high voltage.

1459827911-caa4211a-87e2-4fd1-87dd-912c0cf47eb5

The invention features a method of selecting for a grape somatic embryo or grape plant having resistance to a plant pathogen using a liquid culture medium. A latching mechanism is provided according to invention hold the balance piston immobile as described above. In embodiments, the interconnection comprises compressed elastomeric members positioned between the thrust lug of the side frame and the bearing adapter in the longitudinal direction and a low friction interface between the roof of the pedestal jaw and the top of the bearing adapter.

1459827911-f05b17d0-0686-4dda-b387-0827456e1397

An invention is disclosed for performing failure recovery in a Java platform. The apparatus includes a pair of planetary gears, sunring gears and at least one crank. Total capacitance of the system is less than 10 pF. Each of the N BSs uses at least N pilot values to transmit the signals. A magnetic cross yoke is formed having ends that are disposed at opposite sides of the pole tip region of the write pole.

1459827912-07f14271-0af1-4a27-891b-9b6fa8f683e8

The present invention provides for bevel gears having a localized and stable bearing contact. The first frame has a stop for engaging the periphery of a reel and the second frame or trolley is pivotally and slidably coupled to the first frame via a toggle mechanism. Contextual information relating information of the HMD and information associated with the interaction to describe an interaction state may be stored. Also, a trader may configure one or more alarms to be displayed or played in combination with the annotations. The P2P connection system includes a user terminal configured to register connection information for connecting to the user terminal through each of a plurality of connectable networks in a location server; and the location server configured to store the connection information received from the user terminal.

1459827912-0cf33443-1681-46c8-968a-3c4810c329bd

The present invention provides a method and apparatus for marking a semiconductor wafer or device. When a connection for a conference is set up between a plurality of telephones accommodated in the IP network, each telephone packetizes a voice signal and sends the resulting packet to the network to address it to a conference trunk. The encoder outputs a degree of difficulty in encoding the video signal based on an amount of the video signals. Propellant is supplied from the manifold, goes through the channel and into the container. These windows are then processed in the order of the windows queue are arranged. Thereafter, on a second of the plurality of outbound channels a second of the plurality of first inbound channel grant signals is wirelessly transmitted.

1459827912-323949e7-b929-458b-84fe-56eef511fcc6

Methods relating to the power management of positive airway pressure apparatus using a battery are disclosed herein. A pair of pressure conveying members such as bellow reservoirs can be used for conveying the external force to the conductive flow. 8 wt % B2O3, 70 to 77 wt % PbO, 0.

1459827912-d037e2ec-46a6-4c45-8c08-b264460e7f5c

A method and system for enabling personalization of services for a user. The system provides the user with a simulated environment that presents a business opportunity to understand and solve optimally. The interchangeable module includes a tube

supporting structure and a rotatable hub connected to one or more strikers positioned to impact the tubes, resulting in agitation of tube contents. The automated platform can receive the edited template, and can generate a response.

1459827913-06e2630b-d166-459d-9bc2-11c4e6c68e48

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for identifying and scoring restricted-locality synonyms. The platform resource table is configured using information from both the platform management system and the platform resource provider system. If the condition is satisfied, image files are backed up, and storage priority levels defined for these image files are reduced in accordance with a rule predefined by a user. The contact members, which are brought into or out of contact with each other by a forward or backward movement of the backward moving body, are moved together with the backward moving body.

1459827913-4c201e5a-8900-4b35-9009-4784cf5eb2c0

A ballast circuit is disclosed for inductively providing power to a load. The time for the motor to rotate an electrical angle  $60^\circ$  is obtained by alternatively counting the occurrences of zero crossings with two counters and comparing the counted values, and the motor is delayed an electrical angle of  $30^\circ$ , by which a precise commutating time is obtained. If the branch instruction is not accompanied by an address mode change, the transferred address mode information is adopted as the address mode of the branch destination. The stopping member is connected to the keycap and moves simultaneously with the keycap.

1459827913-b1a9016b-8b9d-4818-8604-ef6ee9928067

A composition and associated method for chemical mechanical planarization are described. After being inverted, the conductive foil 60 is polished on the insulating resin 50 as the support substrate for separation into the conductive paths. The error data are provided to the host computer for analysis. The assessing of the stereophonic recording in the electronic device may be based on a type of each of the first microphone and the second microphone, and/or based on a spacing therebetween. The carbon-doped semiconductor region prevents an outdiffusion from the zone of the collector region into the remaining region of the collector region.

1459827913-d0392ad3-ef42-42b0-bb7a-1d01ab849788

A user interface for a building appliance controller that may include a control panel and one or more option cards. The statistical parameters, estimated to be at least 192, serve as biometric indicia, to authenticate, or to decline to authenticate, an asserted identity of a candidate person. A first list is used to identify frequency spectrum segments that exhibit a power or energy profile over a range of frequencies associated with a downlink channel bandwidth, and a second list is used to identify frequency spectrum segments that have a total or average energy greater than a threshold energy relative to a noise floor. The printer has one or more printer input devices which communicate with a processor to capture data regarding one or more customer requirements such as a customer selected pattern, or roll length or width.

1459827914-13bdd084-fa7e-467c-9dbb-a40bd8181ccb

Compounds of formula :wherein R1, R5, R6, R7, Ar, L, A, and Q are as defined in the description, and to salts thereof, to compositions containing them, to the process for preparing them, and to their use as medicinal products, in particular as anticancer agents. At the intersection of each arm with the rim the latter comprises a recess opening on one of its surfaces, the bottom of this recess comprising a passage opening on the other surface of the rim. For fluorination-treatment of the perfluoropolymer, an apparatus 10 is used, which comprises a melt extruder 11 for melting and extruding the perfluoropolymer, a die 12 for forming the melt extruded polymer into continuous strands 1 and a fluorination tank 13 for contacting the continuous strands 1 with a fluorine gas.

1459827914-14a5fe30-b55e-44a2-8c5a-c4f7924cf35a

A pyrotechnic charge for producing IR radiation is proposed, in which a deuterated compound is contained as fuel and/or as oxidizing agent or as fuel, as oxidizing agent and/or as binder. The input terminal portion includes a first layer made of the same material as that of the gate electrode and a second layer made of the same material as that of the pixel electrode. The exhaust gas purification apparatus further includes a communicating pipe that connects between far end portions of both the housings, and a nozzle that is disposed in the communicating pipe and injects liquid reducing agent in exhaust gas. Next, the second task determines whether the credential is valid.

1459827914-2aaf7641-c27b-44a9-b6ea-a8a58d6b3120

A method and apparatus for reducing power consumption within a wireless receiver is provided herein. The representation is a view-dependent displacement mapping that represents displacements along a viewing direction. Metal interconnects for semiconductor devices may be produced by the method, which has the advantage of forming the metal seed layer by a simple electrochemical plating process that may be combined with the plating of the interconnect itself as a single-bath operation.

1459827914-8a60439e-7417-4bc3-ba88-904b10eb3bd2

A method, apparatus and medium are provided for detecting anomalous payloads transmitted through a network. The method comprises the act of roughening at least a portion of the implant surface to produce a microscale roughened surface. The interrupt request output by the interrupt controller is accepted by one of the processors.

1459827914-acb9bae3-0a95-440d-a0b6-9aaaabb9d368

A head mounted virtual image display unit is provided which is compact in size and weight, and incorporates a high performance optical system offering a clear see-through capability. Then, the terminal control unit periodically executes a nearby base station measuring process, controls the 1x reception signal process unit, and searches for a nearby base station which supports the 1x method. The Document Type Definition or schema associated with a document is modified, such that the DTD or schema specifies a reference to stored security policy to be applied to document elements. The movable contacts are pivotally coupled to the terminal members and selectively contact the contact members to effectively close the switch. The signal traverses towards the reflective fluid, and reflects back towards the input port after coming into contact with the fluid's surface.

1459827914-c8dde7b4-f028-4f44-8238-45cba3b98ef3

The present invention realizes electronic commerce by providing a reception section that receives product information and service information and a barcode formation section that forms a barcode based on the received information, displaying the barcode formed by the barcode formation section on a display section and allowing a barcode reader provided at a shop terminal, etc. The heat pipes are oriented within a rotating member such that the axis of the heat pipe is non-coaxial with that of a central axis of the rotating member. Close nesting is accomplished by provided adjacent tanks with complimentary curved ends.

1459827915-028aa3dc-63e5-4a8d-8421-7f3e98c03e32

A system for monitoring and treating transformer oil within an on-line electric transformer may include an oil filtration system using a first filter medium that removes acids dissolved in the transformer oil and a second filter medium that removes moisture from the transformer oil. The current controller includes an input, an output, a comparator and a latch. A method for electrophotographic image formation using the bio-toner that contains a bio-resin is also provided. Equivalents using the peptide and methods of vaccinating a vertebrate against R.

1459827915-0fee09fd-fda2-49e8-a9ce-238ca8f64c07

An on-board gaseous fuel tank module includes: a support frame member; and a gaseous fuel tank fixed to the support frame member horizontally. A read head is in the housing, reads data stored on the magnetic stripe and produces a signal indicative of data stored on the magnetic stripe. Such combinations have effects, with minimal side effects. A unique structure forming frame member is disclosed which includes an outer sheath and inner rod that gives the bag body structure, durability, flexibility, resiliency, and differing degrees of restorative force along one continuous member. An inductor body is formed around the inductor coil and includes a resin and a magnetic material compressed while it is dry and surrounding the inside and the outside of the coil. The mirror assembly has a hollow carrier that can be at least partially filled with a material having a density different than that of the carrier.

1459827916-526c02be-c587-4ba8-8a8f-1c956df1437e

A structure that can be made in many different shapes composed of primarily soft limestone slabs and formed in a manner to a frame whereby ample surface area is provided for securement thereon of crustaceans, coral and other aquatic life. The method can perform feedback loop processing including subtracting a feedback data signal obtained by multiplying a feedback processing data signal by a gain from an input data signal to generate the feedback processing data signal. These nodes and edges are subdivided into subsets. The respective input time interval for a particular pixel can include a per-pixel loop period and a per-pixel start time of a loop at the particular pixel within the time range from the input video. A linear actuator is connected to the upper body section for simultaneously actuating the upper body section, seat section and lower leg section in articulated movement. The control system includes a dynamic parameter estimation sub-system that provides an estimated front-wheel cornering compliance and rear-wheel cornering compliance based on a front-wheel steering angle signal, a rear-wheel steering angle signal, a vehicle lateral acceleration signal, a vehicle yaw rate signal and a vehicle speed signal.

1459827916-acf387cb-7001-4a48-949c-76fd2aa1f35e

A method, computer-readable medium, and system for monitoring usage of computing resources provisioned across multiple cloud providers and/or data centers are disclosed. A connection element is arranged so as to connect one ends of the first and second support element to each other therethrough, so that the first support element, second support element and connection element cooperate together to form a substantially U-shape in section. The central controller is in control of all of the units which are involved in the changing of the printing press. The loyalty dollars are then applied to the purchase transaction as a discount or rebate. The gates of the second TFTs are electrically connected with each other to control the second TFTs to be turned on simultaneously so as to tilt the liquid crystal molecules. In addition, a method of forming a corona-producing gas ionizer is provided by providing a corona electrode formed from CVD silicon carbide, electrically coupling the corona electrode to a high voltage power supply, and providing an AC or DC voltage from the high voltage power supply to the corona electrode.

1459827916-c320e673-3bc7-49d8-b075-5acbe58cb142

A device for comminuting feed material has a rotary blade ring rotating about an axis of rotation. For each group, the process defines a base volume, such as the volume containing the most commonality with the other volumes. The method also includes determining the timing slack of each path of the design. The actuator member is arcuate in shape when in a quiescent state and straightens in shape when actuated. The structure facilitates good recording reproduction on the two types of recording media irrespective of the reproduction wavelengths or substrate thicknesses of the recording media.

1459827917-6f797d95-2e7a-4c64-a2b8-fb26608eece3

A bicycle component operating device is basically provided with a base member, an operating pawl, a positioning ratchet member, a positioning pawl, a release member and a control member. The dynamic feedback control circuit is capable of changing a clock frequency of a clock signal supplied the charge pump from a first non-zero value to a second non-zero value depending on the difference between the word line voltage and a target threshold voltage. The second connector is configured to be engaged, by fitting, with the first connector.

1459827917-8f9e1391-072c-45ca-a011-dc8f1aebb4be

Level shifter modules, used in integrated circuits, are automatically inserted and their correctness verified. The change of the distance correlates with an elastic or plastic deformation of at least one component of the fitting including a radial crimping process. The oscillating means comprises at least one oscillator amplifier being protected from interfering signals by means of a load and a tail-current source for providing high noise-interference ratio. The initiator is configured to transmit at least one data request on the bus to one memory address in a predefined address window of the device controller.

1459827917-9ba75cd3-d52b-4c77-b277-a2b6b104d2b2

A method and apparatus for providing platform initialization enhancements is discussed herein. for preparing a phenoxyacetic acid derivative represented by general formula or a pharmaceutically acceptable salt thereof, which has  $\alpha$ -adrenoceptor stimulating activity and are useful for treating or preventing obesity, hyperglycemia, diseases caused by intestinal hypermotility, pollakiuria, urinary incontinence, depression or biliary calculus. The web feed is output with the presence data concurrently. The circuit further includes a controller that enables the word lines to substantially simultaneously write a value from the bit lines to the memory cell.

1459827917-c144300d-07e3-4b67-b818-67d30b60d6f1

A hand operable switch includes an operating knob that is movable longitudinally or rotationally about a longitudinal axis of the hand operable switch. In one embodiment, a slit valve door seal includes a ring-shaped base having a center axis and at least one finger extending from the base. In the interconnect structure of the invention, at least one electrically conductive via connects a first interconnect element on one interconnect level or on the substrate level to a second interconnect element on a different interconnect level. The software distribution file can include an extractor for automatically extracting items in the distribution file. Films prepared with these propylene polymers have a significantly broader processability range and can be evenly stretched at lower temperature compared to films prepared from traditional polypropylene polymers.

1459827918-1676f801-0c44-4472-8c16-6afe6e53e261

The FIGURE is a face view of a type font showing my new design. This loop enters stable state for a start signal having the low level and oscillates for the start signal having the high level. A practical drawback in cationic peptide therapy, however, is the cost of producing the agents.

1459827918-73a97b7c-a81e-4bd2-b4b6-be65199c7268

A side entry storage net useful for securing items in a storage area comprises an upper and lower front panel, a back panel, and two sides formed from a piece of netting folded at upper and lower folds. The test structure comprises a plurality of patterned electrically conductive metal layers within a scribe line. The predetermined time delay signals the buffer to transmit an older image and a newer image, sequentially separated in time by the predetermined time of the predetermined time delay. In one form, the organometallic vapor includes copper, silver, or gold. The lens includes a lens body having functional graphics molded therein to compliment the functionality of the gage and adapted to be visible when

the lights behind the applique are not on.

1459827918-a00acb3c-6624-4f35-ae5d-75e4b36bf37b

A visual simulation technique is provided to facilitate visual activities, such as reading and movement of a subject through surroundings, for sight-impaired persons. The compounds of the disclosure are useful for the treatment of the above psychiatric disorders alone or in combination with other therapeutical agents effective in the treatment of schizophrenia and/or anxiety disorders. Methods for growing and handling plants, including identifying plants that demonstrate specific traits of interest are also provided.

1459827918-c739e36e-4942-4487-9fdf-608d29264d20

The nonvolatile memory according to the present invention can precisely read information included in a memory transistor subject to a shift phenomenon because electrical read is performed on the memory transistor by using a reference voltage generated from a refresh memory transistor. A first attachment face, in the mounted condition of the assembly adaptor, is held in abutment to a frame of a cabinet body. The base station and the source device are connected through a first system, and the base station and one recommended candidate cooperation device selected from the list of candidate cooperation devices are connected through a second system. unevenness, in a helical layer positioned as the innermost layer. The facility analyzes the sparse matrix to obtain an analysis result for the received stream of user behavior. System actors might include those which notify monitors or operators, and those which modify the system to detect and correct operation gone awry.

1459827919-0eafb656-15f7-4d3f-a1a4-00a611d6e0cc

An apparatus and a method for filtering sectioning wastes of a microtome that are present in an air stream are described. The invention relates to the various parts of inbred NPIJ7516, including culturable cells. Additionally, the engagement element is secured to the retractor, wherein the retractor comprises a coil retractably wound around a reel, such that the engagement element can be repeatedly extended from and retracted to the casing.

1459827919-8ee771ac-3363-4de7-bb6c-64c106c9dc46

A processing gas introducing mechanism for introducing a processing gas into a processing space is provided between a plasma generation unit and a chamber of a plasma processing apparatus. The fixing unit and the cartridge are mountable into the main assembly and are disposed side by side. The at least one tie member extends between and connects the first and second horizontal shelf members, with the at least one panel clamped therebetween. Wireless stations are load balanced across APs so that user bandwidth is optimized. The press portion has a front end face formed with an end face and an oblique end face and has a side protruded with two spaced opposite oblong ears and a clamping recess formed between the two spaced opposite oblong ears.

1459827919-9e9b50f2-911e-4279-b66c-e5ccd1866055

A broadcast program information processing apparatus is provided which is capable of smoothly downloading broadcast program information to a plurality of broadcast program information receiving apparatuses from a data server in which the broadcast program information is stored. This invention thus relates to the seeds of soybean variety RJS31004, to the plants of soybean RJS31004 to plant parts of soybean variety RJS31004 and to methods for producing a soybean plant produced by crossing plants of the soybean variety RJS31004 with another soybean plant, using RJS31004 as either the male or the female parent. An active groove filling region 25 of the second conductivity type in contact with the base diffusion region 32a is provided in the sub groove part 27. The private company is subsequently converted to a master limited partnership to generate an equity gain. At least two clamps are attached to each chain link of the link chain, wherein the clamps in the link chain

are spaced apart from one another by equal spacings.

1459827919-b315a385-0a53-460b-84f3-fe3a6fe4f896

Methods and apparatus for fabricating structures, extrusion units, and structures fabricated using such methods and apparatus are disclosed. The structure can be employed for protecting a wide range of substrates such as wood, metal, concrete, cement, among other substrates. If the target cell is identical to a preceding cell, the system uses the previously calculated solution as a solution for the target cell. The stripe including a nitride of the bioerodible metal, a fluoride of the bioerodible metal, or a combination thereof. The rotating knob rotor may be adjusted for length by means of an exchangeable adapter.

1459827919-ed9e11c1-eb21-4e70-be87-e0b2d8f68859

Methods and kits for determining prostate cancer prognosis in a subject are described. The processor unit is configured to run the weather band selection process. The soldering partners are connected at the envisaged joining location by using a solder that is melted by energy emitted by the inductor. The first plurality of fuel ports is upstream from the downstream surface of the inner shroud. The predetermined voltage is appropriately set so that a required voltage difference at the sense node between high and low levels can be obtained near a changing point between charge transferdistributing modes.

1459827920-32100591-4a24-45d2-a172-ae5bc989d467

A light assembly for use in a work area that is mountable, portable, can be powered by moveable work equipment, and is capable of providing light necessary to adequately illuminate a work area so that work tasks can be completed. Two sources of length variation in a DRHVL are leakdown and residual mechanical lash. An exhaust gas recirculation control system for the engine includes an ECU. Thus, the first support handle is effective in aiding the individual rising from or returning to the seated position.

1459827920-8104dae1-9413-46d0-9f96-73cd278879cd

A molded pad for a brassiere cup contains shaved polyurethane foam inserts interleaved between thin upper and lower polyurethane foam layers. The generated oversampling clock is automatically synchronous with the input clock and the input serial data in a serial data link, and is adaptive to predetermined parameters, such as bit depth and oversampling rate. A user operates the processed data generating device to arrange the processing pattern on the setting plane.

1459827920-871171c1-e505-4179-9a0e-25593ec00a48

An engine arrangement of the type including an internal combustion engine having an EGR line, wherein at least one turbine is located on an exhaust line, is provided. The input module receives a request for footprint data. The control current includes a consumption current of the regulator circuit and a feedback current. During that time while the necessary signals are being collected and processed, the cursor 171 is held steady on the display screen 322 until a predetermined criterion is met for discriminating whether the user has indicated x-direction cursor movement, y-direction cursor movement or diagonal cursor movement.

1459827921-0007e6c0-f727-481a-9e39-ffad32d621c7

The invention relates to novel guanidine derivatives of the formula . In turn, the service node includes a switch coupled to the xDSL lines, a gateway coupled to the Internet, a router which couples the switch to the gateway and a bandwidth measurement server coupled to the gateway. The offset threshold is then compared to a detected signal from the photodetection element when the light emission element emits light, thereby determining the presence of a through hole between the light emission element and the photodetection element through which hole light passes without being influenced by external light.

1459827921-ec3df5e3-2a17-426a-817d-b0b7c9f215ad

A no-frost refrigeration device includes at least one storage chamber for items to be cooled; and an evaporator chamber which is formed by a two-part first housing having first and second housing parts. A textual form and non-textual aspects of the file are rendered in a plurality of sections of a display. 0, and the pH value of the hair treatment composition is from 2. One candidate data object is pushed in an output queue contingent upon the measures thereof, enabling the pushed candidate data object to be transmitted before the other candidate data objects to a client apparatus via the output queue.

1459827922-6ce25744-a4d6-4c8b-98d6-6fc806fd8112

In order to control the sonde of an underground object, such as an underground boring tool, a predetermined sequence of rotation steps is applied to the object and that sequence is detected. The perpendicular magnetic recording head has a main pole, a coil, which applies a magnetic field to the main pole, and a return pole constituting a magnetic circuit together with the main pole. A player selection of a second predetermined number of keno board spots is received. In one embodiment, multiple locations, such as pagers, email addresses, and alternate phone numbers are contacted in order to inform the user of the urgent message.

1459827923-5921bb1b-355f-4270-8467-d3f9636f3945

A suspension system is provided for use with a crop harvesting header including a frame carrying a structure movable about an endless path to deliver a crop to the header. The first antenna element and the second antenna element can be arranged along two sides of a case of a communication terminal apparatus, for example. The first layer, the second layer, and the top dielectric layer are configured to form a hole wire in the first layer. In this way, a multipath TCP connection can be more reliable and efficient as flow control and data flow are enhanced.

1459827923-84623002-148c-4428-bdc3-bf3fe0190df1

The invention encompasses compositions for enhancing the ability of a companion animal to resist and/or overcome viral infections. A device includes an electrochemical cell having a cavity for containing a liquid electrolyte, a first working electrode having at least one electrolytic surface at least partially within the cavity, and a second counter electrode having at least one electrolytic surface at least partially within the cavity. The first capture unit is simultaneously enabled with the second capture unit. The preview may also be docked or pinned to a location on the main user interface so that it is displayed within the main user interface. The image of the mold and/or part is acquired at a substantially parallel angle relative to the image-capturing source thereby allowing the imaging of the mold while the mold is opening thus increasing the resolution, speed and accuracy of part-forming machine imaging systems.

1459827924-2be832fc-6f42-4aba-b2c9-0e273fcb9626

Cellulosic fibers intrafiber crosslinked with a polymeric polycarboxylic acid crosslinking agent are disclosed. A magnetic fluid is loaded within the magnetic gap. In some embodiments, the output-load subsystem may draw output current from the power converter having an output current ripple at a nominal frequency, which may range, for example, between about 35 and 100 Hz. A risk associated with payment of the first bill is determined and a debit type is selected based upon the determined risk. Each of the outer compressor airfoil assemblies includes more than one axially-spaced stage of outer compressor airfoils.

1459827924-5574d62c-87ed-4a41-93d0-e2364184a4b9

Disclosed is a method whereby 3,4-tetrahydrofuran-2-ol is hydrogenated in the presence of Rh, Re, Pd, Ru and Ni catalysts, optionally supported, to form tetrahydrofuran and its precursors. The atomizer can be intermittently operated by a user and the user command readout is visible to the user. The HAL provides a relatively uniform abstract for aggregates of underlying hardware such that the



underlying robotic hardware is transparent to perception and control software, i.

1459827924-e2220faf-e35c-49ed-8d42-3c308f62cfa6

A method of valuation of large groups of assets by partial full underwriting, partial sample underwriting and inferred values of the remainder using an iterative and adaptive supervised and unsupervised statistical evaluation of all assets and statistical inferences drawn from the evaluation and applied to generate the inferred asset values. The pump shaft is driven by the cam shaft via the polygonal hole and the polygonal shaft portion. The isolation gate is configured to provide electrical isolation between the first and second memory cells.

1459827925-30ed8447-628e-4096-9fc4-eb91b5dd8553

A system for selecting a transmission mode under the multi-input multi-output architecture based on a scheduling number and a method thereof are provided. The method includes providing a substrate, forming a photosensitive layer over the substrate, exposing the photosensitive layer to a first exposure energy through a first mask, exposing the photosensitive layer to a second exposure energy through a second mask, baking the photosensitive layer, and developing the exposed photosensitive layer. The solution can be applied during a CMP process or during a post CMP cleaning process. NFAs are compact, but their matching performance is unpredictable and with no worst case guarantee. A storage section configured to store information on a state of absence of a foreign object in the liquid. Thereafter, the in-vehicle device acquires an image and sound acquired by an application being executed on the portable terminal from the portable terminal, with which wireless communication has been established.

1459827925-511de392-6757-49e5-9d48-68d45fc5465a

An interface arrangement is disclosed that provides an interface between a signal line for connecting external peripheral devices and a microcontroller bus. The foundation base includes a body for inserting into the ground and has an axial passage for carrying the underground electrical wires to the electrical device. A first and a second offset lead frame, each having a plurality of lead fingers, are then attached to the base lead frame on opposing sides thereof so that their lead fingers respectively extend over the first and second dice in a cantilevered manner. Exemplary embodiments are also directed to a method of product identification, comprising providing a durable material that includes indicia thereon corresponding to useful information.

1459827925-7d265c6b-a18c-4d0b-ba1c-089d2459941e

An electric field driving device, in which a plurality of pixels, each of which is formed of two or more sub-pixels that respectively correspond to different colors from one another, are arranged in a matrix in a pixel region on a substrate, includes pixel electrodes, a common electrode, an insulating layer, and a material. The system and method also includes truncating the entry to create a truncated entry. The techniques also include managing a vocabulary database. The shell has flexible parts for flexibly contacting a connector receptacle shell mated with the first fitting part.

1459827925-8aa19e2d-0660-4996-bd61-8ed2986e3603

A control solution packet for calibrating a bodily fluid sampling device includes a container, a control solution pressurized within the container, and a membrane for covering and sealing the container. The artificial blood solution comprises an aqueous carrier, and a dendritic polymer that is capable of carrying oxygen dissolved in the aqueous carrier. In another example, the seismic isolation system further includes a damping system comprising internal dampers within a concrete slab resting on the top plate to provide displacement control. An outer box portion includes an outward extending flange and provides a protective enclosure surrounding the inner box portion and the electrical device within the inner box portion. The method further includes detecting a failure in operation of the first

processing system using the second processing system and at least partly managing and performing the operator interaction using the second processing system in response to detecting the failure.

1459827926-0d73b848-6b0c-4de5-b5ed-4ee29991e715

A beverage dispensing system is characterized by a beverage dispenser and a beverage dispensing tower located remote from the beverage dispenser. The temple is connected to the rim via the coupler by sliding the coupling member into the receiving cavity of the coupler to tightly fit therein. A non-engagement zone and separation zones may be created on the first web. The electric motor is substantially prohibited from being fed with electric current, when the turning operation of the vehicle is being decreased.

1459827926-9246c023-9db8-4cb6-9af0-264b42d19d8f

A convertible motor vehicle roof, especially for hatchbacks or pickups, with at least one roof part which is supported to move lengthwise on the side roof members and when the roof is being opened, can be moved into the storage position. , including a machine frame, a horizontally situated floating axle arranged parallel to a direction of travel of the machine, and a rear axle constructed as a steerable, rigid axle and supported on the machine frame so that it can be swivelled about the floating axle. 1oct-3-yl)benzamide or a solvate thereof.

1459827926-ae19edca-84ee-4f88-b1ee-6456da7b3ae8

A terminal adapter, along with a value added network, is disclosed that interworks a plurality of terminals with a processing host to accomplish transaction processing. The jar includes two housing portions movable with respect to each other. The semiconductor device reduces the current dissipation and can operate at a higher speed.

1459827926-c66e3f8d-9f7c-4ac9-9b08-a59f9cb165fa

In an image pickup apparatus, an image signal generator generates an imaging signal DVb representing a variable frame rate image, and also, a synchronizing signal generator generates a synchronizing signal for generating the imaging signal DVb. A suction motor is positioned in the air flow path. Such uses include the preparation of antisense oligonucleotides and their use for the prevention or depletion of function of a target nucleic acid of interest, such as an RNA, in a system.

1459827926-d9f53f7e-ba46-4b73-b93b-852a651b2123

Modifications to the spanning tree algorithm allow bad news to propagate quickly by providing that protocol entities on bridges process inferior information sent by the designated bridge for each LAN. According to an aspect, a relay can receive a data packet sent in accordance with a reliable transport protocol. The displacement and angle of rotation of the upper part of the yoke portion are measured by using these link-mechanism base and link member, thereby measuring a change in the pointing direction of a reflector.

1459827926-ea39510e-bd05-46a6-a692-63d8be7e9938

Plural blood vessels different in blood flow velocity are depicted with high image quality in blood vessel imaging using PC-MRA method. In one embodiment, a billiard table is provided comprising a frame comprising a first connector, a playing surface supported by the frame, and a billiard ball storage compartment comprising a second connector, wherein the second connector is configured to mate with the first connector when the billiard ball storage compartment is moved into a first position with respect to the frame. The contact between the nanomaterials and the surrounding matrix changes with applied stress, affecting the volume electrical response of the finished nanocomposite material.

1459827927-1d11801b-3c58-4aa5-ae75-d0282395a292

A rod integrator, which has a light incident face and a light exit face, inclines

its axis at a predetermined angle with respect to a light emitting direction of a light source. Inside a cab of the work machine, there are provided travel pedals, with which the traveling devices can be operated, and operating levers, with which the traveling devices and the implement device can be operated. The distal end of the wire frame extends away from the barrel portion in a direction transverse to the plane of the loop portion. The third conductive portion has a film thickness smaller than that of the first conductive portion, and is made of the same composition material as that of the first conductive portion.

1459827927-45318efd-43b2-4ca3-b5e1-caea1e89ba01

A communication system allocates a discrete line between a base station and each terminal device that allows discrete communication in a time span equivalent to several frames. The gap is at least partially left as a cavity 7. The exterior wall includes mapping electrode openings and irrigation ports.

1459827927-4671afb0-6731-47cf-8865-a270e52f89e0

One embodiment of the invention includes a switching power supply system. The stent has a scaffolding including a polymer formulation comprising PLLA and polymandelide. Advantageously, a wedge pocket adhesion surface lying closer to a loose run of the support belt is provided with a roughness greater than the roughness of the another surface, or a wedge pocket slide surface lying closer to a supporting run of the support belt is provided with a roughness less than the roughness of the another surface.

1459827927-b6f9cf38-dd5c-4f4d-8998-065adb0aaec6

Devices and methods are disclosed which relate to the gathering and recording of network availability and attributes in a location in order to define location based services. The apparatus comprises a shaft, an end effector disposed at the distal end of the shaft, and a suture fastener removably secured to the end effector. From the received parameter values, a number of parasitic values for a subcircuit model of the inductor are determined. The coating is harder and more abrasive than the mating surfaces of the planet gear teeth.

1459827928-0dde4c80-e4ce-4a1c-b511-c7392bc5cdf7

A flowmeter for sensing fluid flow. The refrigerant flow is automatically by-passed and the filterdryer core is isolated for removal. A reference to data in the distributed database is added to the file in response to a user input from a user using the computer to browse the distributed database. The formation to be treated may be chosen so that the mixture produced from the formation will have a desired amount of condensable hydrocarbons and non-condensable hydrocarbons. The components of this system may be used to construct a structural component comprising a plurality of I-shaped bearing members positioned parallel to one another. The catheter shaft may include a sleeve disposed, for example, near its proximal end.

1459827929-0006d152-23d4-4efb-96e1-6fb518b5b0d9

A portable waste disposal apparatus includes a stand for receiving a portable bowl and a waste container. The apparatus includes an interconnect structure that includes multiple leads each including an electrically conductive portion having a first end and a second end. Desired pixel pitch across the enlarged pixel array is preserved by forming die stacks with each pixel array circuitry die stacked on a separate die that contains the corresponding signal processing circuitry. A plurality of devices can be used to form a wall or the device can be used with a separator bar and a crossover bar to create a separate area on the grill so that uncooked products do not touch cooked products. According to this approach, a thickness uniformity of the display panel may be achieved.

1459827929-18bd2133-761a-4b19-b870-fa8c1f4bf7c7

A hydraulic drive system designed so that while maintaining intact a structure of a relief valve having a shockless function, the drive unit hydraulic drive system

facilitates changing a driving pressure or braking pressure of a hydraulic swing motor and hence, changing a maximum driving torque or braking torque of the hydraulic swing motor. According to one aspect, a broker mechanism is established within a first container. The lines adjacent to the node-separated line include a protrusion portion protruding toward the cut-off portion of the separated line. Based on analysis of TCP path information and/or send/receive packet counts, loss of certain network connectivity can be inferred, which greatly improves the accuracy and responsiveness of detecting network connectivity losses. The first face includes a first axially arranged conical opening and a first positive locking cone forming an inlet valve. An antenna bus in each container, that is connected to a container ID tag reader, allows bus connector insertable antennas to be strategically placed for accommodating various asset packing densities.

1459827929-9a3f52d5-088f-4815-885a-eee798faa263

An HF radio ALE communication system may include a first HF radio communications device including a first HF radio transceiver and a first controller coupled thereto, and a second HF radio communications device including a second HF radio transceiver and a second controller coupled thereto. The PD presents a valid PD signature indicating that the PD is attached and capable of receiving normal operating power from the PSE. Responsive to the request and the determination, the subscriber, in the session, is provided a signal with a standard definition version of the requested high-definition content. As the female connector 20 moves, the degree of engagement between some of the resilient contacts 50 is reduced. The classifications can be outputted for storage and/or further processing. Said catalysts can be used as hydrotreating catalysts.

1459827930-076ea4d4-77f8-498c-8523-ccd7aa8937ed

An oxygen generator includes a stationary unit and a portable unit. Unit cells of the DRAM may be within active region pedestals, and in some embodiments the unit cells may comprise capacitors having storage nodes in direct contact with sidewalls of the active region pedestals. The proportions of the pH indicator and the pH modifying agent in the concentrate are selected so that when the concentrate is diluted with an appropriate amount of water, the pH indicator indicates visually by coloration of the composition, whether or not the pH of the water is suitable for acceptable agricultural activity of the chemical. An electrical sound producing device may be mounted on the rotor for emitting the sound of a bird predator. The control scheme comprises code to determine an input shaft angle based upon rotational positions of the electric machines.

1459827930-3f964ec9-eb9b-4bd8-b841-3cbcbcb187d9b

Data throughput is increased in a communication system that is designed for a bidirectional information exchange between a single master terminal unit and a number of slave terminal units. A feedback state signal is generated having a first feedback state and a second feedback state. The tangential and sagittal radii of curvature of the second mirror may be  $R_{2t}$  and  $R_{2s}$ , respectively. Citations within the documents can be identified and compared to a trusted records list. Spectral phase decoding is performed at the receiving side by performing coherent detection and folding all the spectral replicas of the transmitted signal to the baseband by means of sampling.

1459827930-84104130-dd44-440a-bdee-1060ea3dca58

The present invention provides a method, apparatus and computer program product which enables the mode of use of a multi-sensory device to be used to prioritise the type of data which is sent to the device. The method further includes exchanging reference radar signals between the at least two radar systems to determine measurement-relevant parameters. The biaxially oriented polyarylene sulfide film contains 70 to 99 parts by weight of the polyarylene sulfide and 1 to 30 parts by weight of thermoplastic resin A; the thermoplastic resin A constitutes a dispersed phase having an average dispersion diameter of 50 nm to 500 nm. The

detector is connected to the load for detecting a forward voltage across the load to generate a detecting voltage; wherein the detector compares the detecting voltage with a first reference voltage.

1459827930-e7f1fcb2-f5ca-4057-841d-458f3feebfe9

A transistor device includes a compound semiconductor body, a drain disposed in the compound semiconductor body and a source disposed in the compound semiconductor body and spaced apart from the drain by a channel region. The hydraulic power unit comprises a pump unit which via respective conduits are directly connected to the two sides of the hydraulic cylinder in order to form a generally closed hydraulic system therewith. The soldering portion of the second type is wider than that of the first type and distances between every adjacent soldering portions of the first and second type are the same. The size of the ball is determined and compared to a threshold. Finally, the subnet manager can authenticate the fabric component if the second encrypted message contains correct information.

1459827931-114a8c29-825f-4974-aa8c-7f0f8b4d9074

The disclosure is directed to: phosphacycle ligands; methods of using such phosphacycle ligands in bond forming reactions; and methods of preparing phosphacycle ligands. When receiving a message from the client device, the load balancing apparatus determines whether the message contains the path control identifier. The tightening strap and the fastening hook are coupled using a retainer piece molded to the tightening strap that is held in positive contact in the recess of a grip end connected with the fastening hook.

1459827931-a91219bf-2806-4cbe-b844-2e08f4e356d8

Various embodiments include two-stroke stratified engines and dual passage carburetors for use with gaseous fuel, such as hydrogen, methane, liquid petroleum gas, pure propane, and butane. The housing is implanted across a bifurcation such that the nozzle extends from a first branch communicating with a healthy region of a lung towards a main passage, and terminates proximate a lateral opening in the housing that is disposed within a second branch communicating with a damaged region of the lung. The system also includes a non-motorized sensing tool having a printed circuit board and a sensing element electrically coupled to the printed circuit board. When a force is applied to pull on the leashes, the spools rotate thereby unwinding the return springs. The turntable is received in the receiving room. The body includes two or more resilient clasps projecting from a common base to resiliently hold a retail display sign therebetween.

1459827931-facf8fc5-d193-43c3-8bcd-9cee9fe6f449

A vapor-lift pump heat transport apparatus having a small heat resistance and a large heat transport capacity. The feeder has a frame, housing and a roll for individually feeding sheets of material within the image transfer system. The electrode forming part includes a plurality of first electrode serials arranged parallel to one another in a first direction and a plurality of second electrode serials arranged to cross the first electrode serials. Thus, time required for iteration between the die designer and the package designer to establish a proper placement and assignment of die connection bumps is substantially reduced. The at least one second sub-runner communicates with the block through hole and extends toward and terminating at the lateral surface.

1459827932-604ab317-1160-4a8a-bd9b-142e85057c50

A receiver includes a constellation processing module and a plurality of equalization stages. The outer link is connected to the first roof part by a first link mechanism and is disposed on an outer side of the first roof part in the closed position of the top. A ball joint is mounted to the head adjacent to the first section. The gown has a connection device that is configured to allow opposing portions of the back panel to be connected together in a location in front of the person wearing the device. Accordingly, a printing system and a printing

method, which are capable of preventing user inconvenience and waste of resources due to re-printing are provided. The device is contemplated to be assembled in-situ for the purpose of treating vascular defects or conditions.

1459827932-7c6f3690-94b3-47a7-92d2-c1fc67eec46e

Techniques disclosed herein prevent wire flaking. In an aspect, a product database associated with a merchant is downloaded from a computer system into a mobile device. A corrected lane calibration is derived for the respective engraving lane from deviations between the rated printing densities and the actual printing densities.

1459827932-835b3e6e-a561-4702-b922-dca0241c14cd

A bedside storage caddy includes a flexible panel attached to a rigid backplate, as well as a first flexible strap and a second flexible strap from which the flexible panel is suspended. Such task control processors may detect the completion of a first task on an associated execution processor and, responsively, generate commands to lead to the initiation of a second task on the same, or another, execution processor. A binding material can be used in conjunction with the hoop-stress layer to facilitate positioning of the hoop-stress layer around the center for easier manufacturing. If the packet is successfully decrypted using the second encryption key, the packet is encrypted using the first encryption and transmitted over the power line. In an exemplary embodiment, the page transmission for data-service pages is preferably greater than that for voice-service pages. A first electrical connector provided on the outer mounting surface is connected electrically and detachably to a second electrical connector provided on the first mounting surface to permit signal transmission between the personal digital assistant and the mobile communications device.

1459827932-847bde61-6609-478f-ba84-c6bfb554bc78

A method, a system, and a processor for processing a network address translation service are provided. These modulators contain amino acid structures that are arranged as a hydrophilic analog of an alpha-fetoprotein. The local oscillator signal is selected to frequency translate the signal of interest to within a near-baseband passband whose lower edge is spaced from DC by at least about the maximum bandwidth of the signal of interest.

1459827932-cb547ec7-c926-4a30-ad82-179de5101c69

Techniques for using small parallax angles in remote sensing to determine cloud feature height include exploiting two identical medium-resolution SWIR bands with parallax to estimate cloud edge feature heights well enough to enable assessments of the impacts of shadows and proximate cloud scattering on ground illumination, and hence, on reflectance calculations. The inspection apparatus has a variety of optical functions to cover a variety of kinds of defects to be inspected. The test pad array is electrically connected to a group of terminal pads disposed on the surface of the panel, which are electrically connected to an electronic device with anisotropic conductive film bonds.

1459827933-2b85b1fc-278e-4375-947a-4bae1d26817f

Systems, methods and computer program products for multiple reminder and sub-events for calendar items. The circuit arrangement further comprises a frequency processing circuit for providing a reference frequency as a function of the AC component, and a demodulator with a first input for feeding the reference frequency, with a second input that is coupled to the input of the circuit arrangement, and with an output that is coupled to the output of the circuit arrangement. The invention may be implemented in any component of the entertainment system including a set-top-box, satellite receiver or a remote control. A first level of multiplexers multiplex at least one master payload based at least in part upon the arbitration of the first level of arbitration blocks.

1459827933-2da9ff7a-8483-472f-978d-2d6826bf14c2

A method of fabricating a thin film transistor for liquid crystal display is provided. One method includes forming first and second FET trenches in an interlayer dielectric material on a semiconductor substrate. Each of the plurality of devices have a number of channels. The stabilizing core is isolated from the rocker cover such that the sealing material of the gasket element is arranged between the stabilizing core and the rocker cover.

1459827933-bb441d39-739e-4653-987c-8494363f4d88

Disclosed is an improved method and system for implementing parallel processing of computing operations by effectively handling dependencies between different sequences of computing operations. The method involves measuring the electromagnetic response at two different under water source-receiver separations and using measurements at the larger separation to estimate the airwave response at that separation. The resulting AFUs can be locked so that users cannot view proprietary and trade secret information as to how they accomplish their tasks. Determining that two touched positions are detected on the single display object, the touch state-detecting section determines whether the detected touched positions are moved while keeping their touched states. In this manner, the print center uses the output data file to generate tickets that closely resemble the on-screen ticket proof approved by the client.

1459827933-c9f97471-39c6-49d3-96f6-37079938aa40

A first arm member and a second arm member are provided. The wall can also be a gel or skin balloon filled with water or oil. The second detection circuit detects the trailing edge of the pulse waveform of the input signal.

1459827934-21652ac2-b383-4828-9a2a-b2512e39cad1

A product management display system for merchandising product on a shelf includes using a trackless pusher mechanism that travels along a surface on which product is placed and one or more dividers for separating product into rows. A prior test of the validity of the destination telephone number of the request is executed automatically and locally to the requesting machine relative to a database local to said requesting machine in order to forward the request from the requesting machine to the domain name server only if its telephone number passes said test. The front body has a locking element mounted on the front body, and the rear body of the sole plate has at least one key formed on the rear body.

1459827934-382b938f-30ed-41dc-a70f-553021d38b8c

An apparatus comprises a housing, a clamping unit associated with the housing, a biasing system, and a length indicator. Even-numbered data and odd-numbered data are simultaneously output over a single clock cycle, and are then converted into DDR data and are then serially output. In addition, as synchronous drive transmission mechanism of the pair of carriage guide shafts, a gear wheel train was used.

1459827934-b9486f98-3797-47f1-9fe4-ed48a145bf84

The present invention provides a system for processing panoramic photographic images. The device quickly cuts a clean slit opening in the Shrink Wrap and security tape along the inserted edge of the packaged product. BTRANS are fully symmetric merged double-base bidirectional bipolar opposite-faced devices which operate under conditions of high non-equilibrium carrier concentration, and which can have surprising synergies when used as bidirectional switches for power-packet-switching power converters.

1459827934-f805e21d-ec43-4637-934e-8f9a08bbbedf

A method for producing apertures in hot section components of gas turbine engines made from ceramic matrix composites that have at least one oxidizable component. The luggage rack is mounted to the existing mounting plate at brackets which may be

selectively adjusted to provide the desired friction fit. When a operator-caused error has been introduced to the database by changes made by an already-committed transaction, the techniques described herein may be used to recover from the error by returning the database to a point in time prior to the commit time of the transaction that introduced the error. An Interworking Function is configured to maintain a call between a wireless communications device and a communications device as the wireless communications device is handed off between a cellular network and an IP network.

1459827935-375402a3-4450-47aa-919e-27e7c95f6892

A crankshaft damper and a method of crankshaft damper assembly using interlocking beads. In this case, the invention provides for a flow deflection device, which is not the same as the blowing device and which deflects the quenching gas flow radially outward through more than 90°, to be provided in the outlet-flow area of the quenching gas. The disclosed technology provides a method for copying the unduplicated information without transmitting or storing the duplicated portions. A controller controls the transfer of propellant from within the exchangeable propellant cartridge system to the spacecraft. The second semiconductor die defines a second active surface, the second active surface includes at least one conductive bond pad.

1459827935-44821287-bfd5-4c33-b7aa-b0147ae401e1

Processes and systems for the production for pressure management of a polymerization product flowing from a loop polymerization reactor to a separation vessel in a slurry polymerization system are disclosed herein. The device includes a semiconductor die and an electrically conductive attachment region having a first attachment surface and a second attachment surface. The adaptor band is compressed and inserted within the pre-existing housing that does not have torsion spring receivers already therein.

1459827935-c0cca1fd-6bf9-4be8-9d08-8a7fe97e25a4

A sheet 1 for shielding soft X-rays comprises a first outer sheet, an interlayer sheet, and a second outer sheet. One conducting terminal of the second transistor is connected with the first power source line via the first transistor. The snug fit of the holder to the irregularities in the bulb resist the twisting of the bulb. Furthermore, when the mobile robot is positioned at a boundary of neighboring regions of the cleaning region, the boundary where a closed curved line is formed, the mobile robot compensates for its position based on a matching result between feature points included in the map, and feature points extracted from images captured during a cleaning process. 0.3% or less, Ni: 9 to 15%, Cr: 15 to 20%, N: 0. The interlayer insulating film includes a first SiOCH film and a surface modification layer including an SiOCH film formed by modifying a surface layer of the first SiOCH film, the SiOCH film having a lower carbon concentration and a higher oxygen concentration than the first SiOCH film has.

1459827935-d5ab4d54-726c-4b78-99c2-6eb815077723

An apparatus and a method for generating hoistway information from images of the surface patterns of a hoistway component such as a guide rail sensed by a CCD line camera. The conversion element includes a first electrode disposed on a first surface of an insulating substrate, a second electrode disposed on the first electrode, and a semiconductor layer disposed between the first electrode and the second electrode. A frequency allocator 24 selects any one of the frequency bands from the frequency band storage unit 22 on the basis of the communication quality acquired by the communication quality acquisition unit 37, and notifies the mobile station device of channel information indicating the selected frequency band. Alternatively, the fishing line attaches directly to the hook, and the lure manipulator resides on the hook. An error is identified in the coupling state if the characteristic voltage pulse does not occur within a predefinable time period.



1459827936-1a2ceadf-5970-4971-a77c-2d6a3cc61178

A strap tensioning apparatus consisting of a strap tensioner attached to a firearm, a spring loaded spool contained within the strap tensioner, the strap having one end releasable attached to the spool, the strap exiting the spool, the other end of the strap attached to the firearm. The predetermined relationship may be a linear relationship which reduces the trap width monotonically for object widths less than the trap threshold width. The application is deployed for execution by a client device and a server. The shell enclosing the housing includes two retention devices on each of two opposite sides thereof. If not, the control unit sets the image forming apparatus in a printing state.

1459827936-1b6755d2-6e95-415a-91a9-77b01a5f4b34

A method of making read sensor with self-aligned low resistance leads is provided. In the method, at least one selective writing sub-field is used to turn on discharge cells selected in an address interval. The SAS expander hub relays the IO requests to SAS expanders connected to data storage devices capable of servicing such IO requests. The mover at least has a permanent magnet. The breathable film can be protected from an intentional load applied thereto. The stowage compartment includes a cover plate element and at least one sidewall element.

1459827936-f4211554-d328-4ad9-b10c-dd603b5bffb1

A wafer comprising a semiconductor layer formed on a substrate is diced on the back surface of the substrate to a depth of about thickness of the substrate. The contactor assembly is applicable as both a switching device and an isolation or load protection device. While these processed detection signals are output to the alarm output units, the control unit sends other processed signals to LED display units, so that the LED display units turn on alarm lights. The low power scan architecture is advantageous to ICdie manufacturers since it allows a larger number of circuits embedded in an ICdie to be tested in parallel without consuming too much power within the ICdie. The easel is further configured to extend upward from a back bottom of the frame.

1459827937-1e9eb083-a894-4255-ac0f-fc21fe542c26

A negative active material containing super-conductive nanoparticles coated with a high capacity negative material and a lithium battery including the same are provided, wherein the super-conductive nanoparticles have a structure in which polycyclic nano-sheets are stacked upon one another along a direction perpendicular to a first plane. A driving transistor has a first terminal coupled to a first reference voltage, a second terminal coupled to an output line and a control terminal connected to the first node. The releasing member has three leg portions on the vertexes of a triangular plate portion insertable into through holes in the reel. A restoration mechanism restores the shift lever to the neutral position. An alternative embodiment features spirally wound tubes with staggered exit locations for better distribution of the gravel.

1459827937-41968e6e-5c20-4576-b447-dd14f8060351

An information handling system having a processor and a computer readable medium accessible by the processor and having stored thereon a data structure operable as a directory service. An optical gain medium such as a solid state disk, rod or slab is located between the front and back mirrors within the chamber to produce a laser light along the optical propagation path. The memory cell area includes at least a one-time programmable read only memory cell, while the peripheral circuit area includes at least a logic device. The crumple regions and support regions cooperatively allow the lid members to withstand planar and nonplanar compressive forces. The method also includes determining a corresponding rectangular grid that includes the pixel, wherein the corresponding rectangular grid comprises at least one indices in a group of indices. Because the verifier performs less stringent type checking in response to such an instruction, the JVM can execute assembly language programs that were generated based on source code that was written in a

dynamically typed language.

1459827937-73de7d2c-f4bf-4fd9-9114-8d5bae9bd9d3

A display device includes a first set of data buses coupled between a timing controller and a first line driver. A cable tester tests the cable to determine a cable status, which includes an open status, a short status, and a normal status. While a particle is passing across a gap between dee electrodes, the acceleration voltage applying section applies RF acceleration voltage to the particle, and further applies RF acceleration voltage having a phase different from the phase of previously applied RF acceleration voltage.

1459827937-7e3fd250-379e-4968-b7c9-e82d82edfb6f

The present invention describes systems and methods of providing a pressure switch with temperature enable function. The spacer member receives a driving force from the main assembly of the apparatus, by which the spacer member is disengaged to contact the charging roller to the photosensitive member. Processes and systems for recovering light olefins during regeneration of an adsorber in an oxygenate removal unit can include recycling residual effluent stream to an upstream operation unit upstream of the oxygenate removal unit.

1459827938-047c8323-ab31-49c7-843f-66f84c374dee

An approach is provided for compensating for non-linearity in an overlaid radio communication system, such as a satellite network, wherein a terminal and a hub station communicates bi-directionally using a composite signal that is transmitted from a relay station and includes an inbound signal overlaid with an outbound signal. The apparatus includes a carriage driving motor, a transfer motor, a scanner which reciprocates a carriage having the recording heads in a scanning direction, and a transfer machine. A pair of shutter pieces are located on the central portion of a slot in a front bezel to be used to insert the disc therethrough and are spaced at a certain interval. The film may be applied selectively to parts of the CSP such that it overhangs the top of the component and upon reflow flows over the edge of the CSP to form a connection with the substrate. Other aspects of the invention pertain to methods of forming such stents and methods of using such stents. Many of the devices may be introduced into a patient via minimally invasive introducer devices and the like.

1459827938-0cf99c71-d703-4359-9f13-9292cd6c2924

A method is provided for collecting at least partially retted plants and winding them into bales. Power supply system supplies electric signals to the piezoceramic ring that are transformed into mechanical waves and cause vibrations in the liquid. Thus, the sender is enabled to specify users not to receive a copy, forward or print of the document.

1459827938-1d6fd74d-350d-4969-b71e-8201ecac3106

An optical semiconductor lighting apparatus includes a heat sink including a heat dissipation base and a plurality of heat dissipation fins formed on a lower surface of the heat dissipation base; an optical semiconductor device placed on the heat dissipation base; and an optical cover coupled to an upper side of the heat sink to cover the optical semiconductor device. After having received at least one information item relating to the detection of at least one event, the latter is characterized according to at least one rule of a plurality of predetermined rules, that can be updated, to allow the establishment of a security report according to the said characterization of the said at least one detected event. Between the objective and the imager there is provided an additional optical unit that has in particular optical microelements, e. A sharp pull on a tether line connected to the float causes the float body to roll 180 degrees such that second keel is submerged and the first keel is in the air and the float tacks in the second keel direction. The peacekeeper structure is separated from at least one of the first conductive structure and the second conductive structure by a fixed spacing distance for

conductive lines for a self-aligned double patterning process from the integrated circuit was formed.

1459827938-627cb82e-6278-4c75-af1f-7d7c5198b680

Process controllers, methods, and systems provide for frequency control to account for the effects of periodic disturbances in the feedback signal of closed loop control systems. A clamping mechanism provided on one of the members clamps the first guide and the second guide to the vertebral bone portions. The liquid crystal panel is driven by moving image data read from the display data RAM at the frame frequency. The control element is linked to a first crank.

1459827938-c41dedf4-1750-48fd-9b38-f1c82be140ef

Techniques to recursively discover services in a distributed environment may include receiving a request, including a unique client identifier, from a client device to access a home resource at a services site. The soundboard is made of a three ply torsion box design utilizing a honeycomb substrate as the central core. The slave machine measure the degree of radiation exposure in real time, and notifies this measured result automatically to the master machine by wireless communication. Also provided is a method of using the olefin oxide so produced for making a 1,2-diol, a 1,2-diol ether or an alkanolamine.

1459827939-251d6c8f-2bb3-4784-b08e-88bfc3a91c6

Polarization independent optical isolator/circulator devices based on Mach-Zehnder interferometers. The catheter is advanceable intra-luminally to place the implants. A switch-transistor well is disposed within the semiconductor body and is electrically isolated from the memory transistor well. The roller press assembly comprises a housing assembly that rotatably supports a second print wheel.

1459827939-753077ed-6dbe-4918-91d6-44cad86245b3

An ATM communications device connected to an ATM network via an optical fiber improving the efficiency of the traffic in the ATM by separating the real-time data communication system and non real-time data communication system. Wireless service area identifiers are received at the wireless device, where selected ones can be stored as points of interest on the wireless device. The operator includes both optical and edge sensor obstruction detectors and is responsive to wireless communication for receiving user initiated command signals. This step scales up a numerator for a ratio. The bolt member is threadably engaged with the bore of the floating nut front portion for driving the lip of the pressure bar front segment into the meter box overlap joint to electrically connect the ground clamp to the meter box. The triangular configuration of the container enables it to be tightly nested with other identical containers and also presents more planar and discrete outer surface areas for disposing advertising material thereon.

1459827939-975e4d95-561d-48e4-af28-5e52024f2bb8

A scrolling scan optical band scanner is provided having a scrolling scan optic with a scan function that inherently deviates from an ideal imaging function over wide apertures. The travel kiosk includes a first section containing a touch screen, and a second section adjacent the first section including an aperture and a document delivery tray within the aperture. A tablet reserving member 200 is disposed below the feeder vessel 36. A coefficient table storage unit sends tap coefficients corresponding to the classes resulting from the classification to a sum of products circuit, which sum of products circuit then effects linear predictive calculations, using the tap coefficients and the class taps, to generate decoded picture data. The translation information may be based, at least in part, on historical information associated with at least one other request associated with the location and previously obtained from at least one other mobile station. The predictions are generated using social signals that are based on social information surrounding the content item, such as the density of connections between the posting user and the viewing users, the profile information of the

users, and the geographical separation between the users.

1459827939-f10b6132-297c-4a3d-92a5-31e14c2c485b

The phosphor composition for low-pressure gas discharge lamps with a high light efficiency for generating radiation with a color temperature of greater than 5000 K and a very good general color rendering index Ra of greater than 90 includes at least one halophosphate phosphor, a phosphor which emits in the red wavelength region and a phosphor which emits in the blue-green wavelength region. Behind said jet-discharge disk a flat water-filled chamber is occluded on the side facing away from the jet-disk by a transparent to translucent bottom. Detection of the actuator deflection is indicated by comparison of the feedback signal as detected via at least one of the plurality of contacts that are interposed by at least one of the first and second piezoresistive portions. The image printing apparatus prints the image of received image data by directly using uncompressed data and expanding compressed data. Each of the slot transmission line substrates provide one or more slot transmission lines that each bridge or \u201cpatch\u201d together two, separate slot transmission lines together. Periodic off loading of the data to the dealer and service providers is also provided.

1459827940-2b8ecdd4-a6b9-4caa-9dd2-6444ac2f96d0

The present invention is a steering guide for surface cutting machines. CRFR2 antagonists may block agonism by one or more CRFR2 agonist, for example Ucn 2 or Ucn 3. Additionally, the turbine can be put into storm protection mode by bringing the vanes right next to the central shaft where the profile of the wind turbine is reduced to minimum. The purchase request may include product identification data and buyer location information. A second PTM transmission is then initiated into the content transmission area for content distribution.

1459827940-871648ef-343f-4ce2-b400-c3317f33701d

A light source controlling circuit controls a light source outputting continuous light. The first information includes second identification information of the second radio frequency identification tag, and the second information includes first identification information of the first radio frequency identification tag. All three layers contain combustion apertures but only the outer layers include fluid apertures. Control circuitry for the grid can be disposed in electrically insulative potting. The device includes: acquisition means for acquiring the frame images being the imaging results; estimation means for computing a first matrix of coordinates of a joint of the 3D body and a second matrix of coordinates of each of the parts of the 3D body, and generating a first motion vector; computing means for computing a second motion vector; and determination means for determining the 3D body. The arrangement according to the invention comprises a detector unit, a communications device, a server and a database connected therewith, and a data presentation means.

1459827941-0b6c19e9-2fbc-49ff-9aeb-6a9db04e3da7

The invention relates to a multi-layer heat-sealable packaging material especially for food packages. The integrated plunger assembly is constructed and arranged to be integrated into an interior of an end of an extension pole, for example a standard telescoping extension pole. Then, the stopper portions are formed on the surface of the substrate by sputteringvapor deposition of Cr, and then the resist is removed. At least one tubular member is selectively movable relative to the other. A resolution, transmission bit rate, coding structure, security protocol and/or security level for transmitting the received content to the wireless handset are adjusted based on the acquired user profile. In one embodiment, the target detection platform determines tentative location and velocity of the signal emitter, and the signal collection platforms are configured to perform TDOA and/or FDOA analysis of the collected signal data corresponding to a signal of the signal emitter.

1459827941-7eb1bb49-c3ef-4baf-9ea8-c155e0e053d6

The present invention relates to extracts of Salicornia species. The assemblies include components used in conventional mass-produced vehicles, with a chassis, a body with optional cargo area, undercarriage, such as axles with steered and/or unsteered wheels, tires, wheel suspension, spring support, steering and brakes, and an engine-transmission unit with drive components. The recipient is specified by the e-mail message.

1459827942-203d73f8-c762-496b-941e-4b4fa6d6cf0e

A compact sulfur recovery system is disclosed which includes an upflow orientation for the gases through a primary structure including a catalytic partial oxidation reaction zone, a first temperature-control zone, a first Claus catalytic reaction zone, a second temperature-control zone, a first liquid sulfur outlet, and a first effluent gas outlet. The apparatus may include a driver, a plunger operating and cartridge assembly mechanism, a cartridge assembly having a fluid reservoir and a bone penetrating needle. The invention further relates to a fluid inlet device, to a use of the fluid inlet device, and to a method for treating a fluid. Additionally, the probe structure of the present invention solves several problems caused in an actual testing step of the semiconductor devices, for instance, long testing time of the semiconductor device, difficulty in providing the sufficient contact force between the probe structure and the semiconductor device, and having to specially design the test pads of the semiconductor device. The first and second memory materials have different properties such that the first and second sets of memory cells have different operational memory characteristics, such as switching speeds, retention and endurance.

1459827942-4d29391e-156d-4822-aef2-4b69ce820917

A camouflage net, in particular for covering persons and articles in the desert against detection in a thermal image, has a knitted fabric with a hole structure. The amino acid mimetic monomers are selected to mimic the side chain of the amino acids asparagine or glutamine. The environment template is built using a blueprint. Each bone screw has a screw head and a threaded portion extending therefrom. Also disclosed herein are novel boronic ester and acid compounds, their synthesis and uses. The holder also has an access slot to allow the user to manually push all of the cartridges out of the holder simultaneously.

1459827942-796a1340-0cb8-41d1-a390-a9d70f2fce0e

A document processing device having an evaluation region disposed along a transport path between an input and output receptacle capable of processing both currency bills and barcoded media having at least two barcodes. The activity level detected by the body motion detection section is outputted to a fatigue detection section for estimating a user's fatigue level on the basis of the activity level. The column decoder is adapted to receive an address of a memory cell to which data is to be written or from which data is to be read. The heating element is placed within the elongated slot and then connected to a suitable source of electricity so as to melt snow and ice which accumulates on or near the gutter cover. Alternatively, the downstream interleaver memory requirement may also be determined based on the upstream channel conditions by estimating the downstream capacity of the communication channel based on the upstream channel conditions and determining an interleaver buffer size that satisfies one or more predetermined downstream configuration parameters and the downstream capacity estimate. The new transistor consists of a laser or LED diode as drain or source, and a photo sensor diode as source or drain.

1459827942-ab05fd2c-dcdf-437e-8079-35cdfa6f3f15

A new and distinct cultivar of Bracteantha named 'Flobrafla', characterized by its compact and bushy growth habit; upright and rounded plant form; freely-flowering habit; bronzed orange and golden yellow bi-colored involucral bracts and golden yellow-colored disc florets; and short and strong

peduncles that hold inflorescences above the foliage. One embodiment of a disclosed apparatus includes a plurality of strobe inputs to receive a plurality of strobe signals. The touch sensing period is included in a vertical blank period of the frame.

1459827943-1a6cacf6-c7f3-47eb-b820-71f2f2cd7878

A method and an apparatus for projecting an end of service and/or an elective replacement indication of a component in an implantable device is provided. The impeller assembly also includes a sieve ring having axially opposed first and second ends, an inner cylindrical surface and an outer cylindrical surface, where the sieve ring encircles the base of the rotating blade at the first end so that a portion of the ears are radially spaced inside the inner cylindrical surface so that the ears rotate within the sieve ring. Responsive to receiving the package update notification, a delta set of source files that correspond to the difference are identified. The housing has supporting parts that support the back surface of the main locking arms in the vicinity of the main locking projections when the retainer is in the main locking position. The gaming machine tracks all of the preference selections made by the player.

1459827943-75ca6ef1-1e21-4986-9acd-ee4431357ec5

The present invention relates to a mixture comprising  $\Theta$ . Each tube has an associated deflection correction device which comprises a convergence circuit. The readout portion reads out at least first, second, and third color signals in each of the first and second fields.

1459827943-9207b7ee-5e08-40ed-8c8d-94da9de865a9

A copolymer of an acrylate monomer containing fluorine at -position with a norbornene derivative is highly transparent to VUV radiation and resistant to dry etching. The first frequency source includes an input coupled to receive a reference input signal and an output for providing a first frequency source signal. The prescription entry system transmits and receives information from the communications network and provides an input system for the prescriber to electronically enter individual prescriptions for each patient.

1459827943-c359073c-a574-4bc2-96ff-9db2c9a4c648

A portable terminal is constituted using a geomagnetic sensor for detecting an azimuth, and a GPS receiver for detecting a present position thereof. The blister pack is arranged in an outer pack between a base part and a cover part. A passivation layer is formed on the IMD layer, and a bond pad is formed overlying the passivation layer to electrically connect the upper line portion. Instead of shielding or separating the susceptible analog circuits from noisy digital circuits, additional circuitry is added where one of the added circuits, denoted as the noise separator circuit, produce only the noise component of the output signal, the first output, of the analog circuit adversely affected by the noise. The location data is provided from a locator incorporated in the unit. The ramp structure is configured to support at least one object such that a first end portion of the object is disposed within the liquid medium while a second end portion of the object is supported by the ramp structure outside of the liquid medium.

1459827944-00627c57-85bf-497b-8dbb-68b16f3a4020

A treatment method and apparatus for performing a diagnostic or therapeutic treatment. The system utilizes VRU technology in conjunction with the national telecommunications network connected via Computer Telephone Integration to a virtual telephone number database containing a nationwide master list of telephone numbers with attribute data items associated by Spatial Key linkage to each telephone number. Each oscillating signal has a frequency or amplitude or both that are variable dependent on a variable drive signal. This is done so that the first portion of the contact pad is aligned with and spaced apart from a first portion of

the contact, and the second portion of the contact pad is aligned with and disposed inwardly of a second portion of the contact. The dielectric cap is interposed between the shield and the antenna, the shield being a ground plane for the antenna.

1459827944-97709fe6-1d0a-4dc1-8c9e-191da9a53bdc

Provided is a data management device for managing data recorded onto a readable and writable recording medium by an application that is verified based on a digital certificate. The present invention also concerns a surgical assembly comprising said medical device and controlling means as well as a process for the specific destruction a target volume inside an organ by means of said medical device or surgical assembly. The GPHE generally originates from macro- and micromagnetic phenomena involving single domain reversals. The controller is configured to generate a diagnosis based on data from the electrocardiograph or the ultrasound device. This is achieved by a robust regulating mechanism that compensates leakage currents. For example, the thiazoline acid derivatives are useful in diagnosing and treating pathological conditions associated with an excess of trivalent metals in humans and animals.

1459827944-add5e811-bf0b-48e5-a3f7-8ba5851ac50e

A fastener to secure and train branches of a vine or plant to a horizontal support wire or other structures comprises a longitudinal body including first and second hook portions and a longitudinal flexible member having first and second ends connected to the respective first and second hook portions. A method may involve receiving audio data corresponding to sound detected by a wearable computing system. In another aspect, the determined weight vector maximizes an accuracy measure and a variance measure.

1459827945-28766177-0d65-4a70-8bf4-87cd29f7c213

The present invention relates to a method and a device for transmitting force, in particular an impetus, by magnetic interaction. Said sub-assembly comprises a body with a liquid flow inlet duct, opening out in an aspiration chamber and at least one aspiration duct for the liquid contained in the packaging. Still further, the PSBN provides expanded capacity throughout the network without requiring the implementation of new infrastructure. The terminal portions are constituted by transition portions that link solder ball pads to the base portions, while offsetting the solder ball pads in the same direction as the contact arms.

1459827945-2920e922-0447-4307-8520-917a5e3836db

The invention provides polypeptides, polysaccharide-polypeptide conjugates, and expression vectors for treating or preventing pneumococcal infection. A number of independent streams that are to be transmitted for each link is determined based on an overall system performance measure. The struts each have a strut height defined as a distance between a first wall and a second wall. The device further includes one or more conductors that electrically couple together all of the segmented electrodes of the first set of segmented electrodes. A buffer memory operates for receiving the first and second information signals from the head at the predetermined constant transfer rate  $R_p$ , for temporarily storing the first and second information signals, and for outputting the first and second information signals at first and second transfer rates  $R_a$  and  $R_b$  respectively. The second polymer contains a co-polymer having at least 50%  $\alpha$ -olefin units and is characterized by a number-average molecular weight of about 7,000 g/mol to 50,000 g/mol, a viscosity of between about 2,500 and 150,000 cP measured at 170°C.

1459827945-456ea82a-6548-4276-91d5-0616f6a611e5

Methods and systems are provided for modeling temperature characteristics of components in a system such as a power module for a hybrid or electric vehicle. A heat sink for dissipating heat generated from the LSI chip is installed within the core layer. The packaging signal lacks gag gene sequences, and has approximately

one order of magnitude greater infectivity than retrovirus-derived packaging signals without gag gene sequences. Each of the respective particles may be divided into a respective plurality of sub-particles.

1459827946-2b5b8cf5-e432-4fba-b8b3-a3b4fc6d6966

A method of operating a variable geometry turbine during transient operations for maximum response by determining the VTG area at the balance condition of the pressure ratio and efficiency curves for the variable geometry turbine to achieve maximum power. The RTSMS has a reservation system. Sandwich plate bridge panels without peripheral metal frames are held together only by the adhesion of the plastic to the metal plates. An exemplary registration algorithm as disclosed provides an approach to automatically make fine adjustments to the 3D data registration.

1459827946-90f1f73c-9865-47ce-bba0-bfc84920462c

Exemplary apparatus and process can be provided for imaging information associated with at least one portion of a sample. Braces are fastened on the extremities of the shafts, which are eccentric with respect to the shafts. Both an inhibit voltage and a selection voltage may be driven through these single transistor devices, which may be achieved with the introduction of odd and even designations for the address lines. At least one stretch resistant member is disposed within a lumen formed by the embolic coil. A heavily doped region of first conductivity type is located on the first surface side around the element region.

1459827947-12e18cd5-059c-4554-b5f3-19d31b068d67

The present invention relates to positioning components of an assembly using fiducial features. The elements comprise a substrate and a layer of an imageable composition over the substrate. An exterior surface of the input mechanism is operative to come in contact with the user of the device. A blade is supported on the support line with the blade cutting edge perpendicular to the support line.

1459827947-1e5627d4-6957-46f1-8d2f-d54bba04b14b

A computer, connected to a communications bus, includes a display that selectively displays a user interface. The first lens element with positive refractive power has an object-side surface being convex in a paraxial region thereof. Traditional systems have not been constructed to enable such inbound translations, providing instead only communications outbound from the incompatibly addressed domain towards the global Internet. Device modules perform operations on encapsulated messages formed from data and commands, such as device operation commands and data from storage device readwrite operations. An actuator drives the projectile through the tube, and a first sensor detects when the protruding portion of the projectile extends from the tube to make contact with, for example, the core of the wound roll to start a timing sequence.

1459827948-44ba9c4d-0814-4d50-9f16-74e825cabe61

A light analysis system for analyzing light transmitted through an ampoule includes a housing having at least one receptacle for the ampoule, a cover for substantially preventing ambient light from affecting the receptacle and having an interior reflective surface, and a master control system. An echo produced through an echo path is mixed, as an echo noise, with a sending signal So and this sending signal is attenuated by a level attenuator. The on-channel received samples are processed in a back-end portion to decode on-channel information. A residual piece is removed from the cut building stone, leaving a corner stone. Therefore pre-silicidation preparation treatments described in this invention feature removal of both native oxide and arsenic based defects from conductive surfaces prior to metal silicide formation.

1459827948-8d19e66f-5090-4999-9103-9d47bb891bd5

The principles of the present invention provide the ability to flexibly change the



delivery point and time for a mail item, while the item is en route. In one embodiment, a semiconductor device includes a plurality of first features disposed in a first material layer. The equipment according to the invention thus comprises a settler, which is essentially trapezoid in shape so that its cross-section is wider at the feed end of the settler and gets smaller towards the rear end of the settler, from whence the separated solutions are discharged from the settler, and the settler is equipped with at least one device to dam up the dispersion. The wide-range of input allowed by the up-converting device enables the continuance of power drain from the UltraCapacitors, i. A fifth wheel trailer hitch member has a base portion.

1459827948-bbb3aba9-4935-493d-8e8a-3348355f9ca0

An assembly for felling a segment of a tree trunk in a safe and controlled manner and method of using the same. Prior to the proof, a generation history of a generated profile of an output device is preferably managed. The surface of the magnetic material compact body is roughened, and then the external electrodes are formed via plating.

1459827948-d57713b0-4531-48ed-8e4a-9cd909498591

A seat track cover for transferring at least one of electrical power and data between two seats. The generator includes two output terminals connected to the ventricular electrodes, to deliver joint stimulation impulses with an adjustable inter-ventricular delay. The at least three lightly doped regions have a lower concentration of doping atoms than other portions of the silicon layer forming the transistor. The average crystal size of this FePt alloy is 0. The vanadiumphosphorus oxide catalyst may be used in the production of maleic anhydride by the catalytic oxidation of hydrocarbon feed streams. An inversion of the second data signal synchronized to an inversion of the second clock signal is latched.

1459827949-948a950a-fff4-41a0-b9cf-1c0fc2e306f6

The present invention relates to a rhamno-polysaccharide antigen from Enterococcus faecium clonal complex which is useful as a vaccine component for therapy and/or prophylaxis of bacterial infection. A U-shaped resilient fastener spring wire has leg portions that are resiliently biased apart, at least one of the legs containing a laterally extending bulge portion that extends into a corresponding locking slot contained in a side wall of the knife cassette. The ROPS may include a C-post positioned behind the seat, and a B-post positioned in front of the seat.

1459827949-a70cde31-c5c0-4cfd-a431-f80d30cff73c

A method of continuously forming a multilayer panel includes making a gypsum slurry, then dividing the gypsum slurry into at least a primary gypsum slurry and a secondary gypsum slurry. The system may have a plurality of laser signals and a plurality of identifiable modulation signals. Conveying means for conveying flows of purified air are associated to the panel to define, together therewith, a fluid-dynamic barrier, which avoids relative contamination between one environment and the other environment. The AGV moves on the guidance path and is guided by the guidance path. The organic electroluminescent element has a micro optical resonator structures, an organic electroluminescent member emitting light within the color region of bluish purple and a color conversion member emitting visible fluorescent by absorbing the light emitted from the organic light emitting member.

1459827949-dd8020ba-5455-49e9-b2ee-7b8018858476

A process for reducing the amount of magnesium in a lithium-containing brine by adding an aqueous solution of KCl to the brine to precipitate at least some of the magnesium as carnallite salt is disclosed. Each cycle has a detection phase and a classification phase. The authentication control company BS is, for example, a telecommunications company, and performs authentication control for a plurality of product supplier companies SP1 to SP3 according to the product purchase status on the television TV. The invention aims at enabling the wheel disc to be accurately

positioned relative to the rim base and at providing a wheel with an attractive design.

1459827949-f59265fa-1b09-4a7f-a026-4dbbd437def8

Valve repair apparatus and methods for ensuring proper coaptation and operation of the leaflets of a heart valve. In one arrangement, the radiating member is used to remove a blockage from the central venous catheter. In addition, one side in a width direction inside the elastic leg is more protruded toward the pillar than the other side, and the pillar includes a dented portion for receiving the protruded portion. The housing member 5 also has a ventilation port 8 formed to communicate with the first region A and equipped with an anti-dust filter. The cover is made of fabric, paper, plastic or a like material.

1459827950-2c09f3fa-0f26-4734-800e-68cb18c1a451

A content usage right issuing terminal issues a content usage right to a portable terminal of a user who visits a store. Through-holes for the semiconductor components are made in the base, in such a way that the holes extend between the first and second surface of the base. Power means is arranged to pivot the beam about this axis relative to the chassis. A ramp is disposed in the flow channel as well as a porous surface forming a wall of the flow channel opposite the ramp. The select devices may have vertical channels directly against the semiconductor material pillars and directly against upper regions of the first and second conductivity type regions.

1459827951-82dc0c0e-5e86-4095-b866-b2e389d25690

A fluid-jet precision-dispensing device includes a layer, one or more first holes within the layer, and one or more second holes within the layer. In addition, an optical coupling set includes the optical fiber connector cord and the receptacle. The coupler is preferably a Y-junction coupler, but can also be a multi-branch waveguide coupler or a waveguide directional coupler. The targets are either distributed across the field by placing the targets within the active area or by distributing the targets along the streets which are between the dies of a field.

1459827952-2e59de9d-2f65-42f1-a8a1-5f7886d937ee

A stack type mobile terminal for enabling the user to easily add only a necessary option cabinet from among different types of option cabinets eliminating the need for electric connection of the user is provided. The optical disk is set on a turntable of an optical disk unit while the label surface of the optical disk is directed downward. The first optical element has at least two side walls at two opposing sides among four sides of the first optical element and the second optical element has at least two side walls at two opposing sides among four sides of the second optical element.

1459827952-9c368258-8e7a-47a8-a58e-bbaf97279bea

An integrated circuit memory device is designed for high speed data access and for compatibility with existing memory systems. The method also includes maintaining, while continuing to reduce the overall fuel flow, a first portion, of the overall fuel flow delivered to the first burner at a maintenance level so that the predetermined dynamic operating condition of the first burner is maintained. Then, the amorphous silicon film is processed by a photolithography method and dry etching to form gate electrode forming films.

1459827952-afdec9c0-5215-4e43-9959-5c550b4e5b33

The CSF shunt valve includes an elongate, hollow housing and a valve unit disposed within the housing. The presence, location and morphological characteristics of a meiotic spindle in the oocyte can then be determined based on the spindle structure in the retardance image, and the developmental potential of the oocyte can be evaluated. The SOI wafer including an insulator layer and an upper silicon layer. The result customization application performs transformations on the response data

to generate a result set conforming to the result set definition.

1459827953-71473bfb-0c5a-406c-819f-5bb095ecec38

The specification discloses systems and methods that provide improved capability to detect and decode encoded telemetry data. Weld portions formed by laser light are provided at a contact area extending in a joining direction between the holding frame of the filter element and at least one joining end of the joining ends of the case members. The apertures are sized and shaped to receive a removal tool having prongs with a complementary shape to the bores. In this embodiment, the middle oxide layer is formed with the rest of the hard mask, and then reduced in a lateral dimension, preferably using a DHF dip.

1459827953-b885f572-fcb1-4d07-9928-581145b09a32

High-functionality highly branched or hyperbranched polyesters based on di-, tri- or polycarboxylic acids and di-, tri- or polyols, processes for preparing them, and their use. At least one data field to be filled with transmission data is clearly assigned to each further station. Each of these conductive patterns includes a first end and an opposite second end. In one aspect thereof, one may use a torque reduction rulebase configured to avoid high torque reduction, and inaccuracies in the motion-indication parameter due to high levels of creep, if any, in a wheel of the respective axle.

1459827953-e3334957-0f8b-4a86-9c5f-5972537cd349

A method and system is provided for generating digital content using text-to-speech conversion. Since the nozzle is formed by radiating the laser beam to the nozzle plate through the ink feeding passage of the substrate after attaching the nozzle plate to the substrate, the accuracy of the nozzle in form and position improves, and the nozzle of desirable structure of the improved ink discharge efficiency can be obtained by radiating the laser beam only once. The network traffic is analyzed based on each connection made from a server to a client and the measurement time interval. The at least one chain guide may be configured to rotate about the track while applying tension to the bicycle chain so as to reduce friction and/or dampen noise.

1459827953-e379fe9e-ba50-4e3a-ba0b-10651feb5dd8

There is provided a field device management apparatus for acquiring and managing device information about a field device. In one embodiment, the first and the second keying modules are pivotably mounted on a base assembly having fixed opposing tenting angles. A leaky function module calculates a leaky function for each tap coefficient in the asynchronous time domain. The first interfacial attachment area and the second interfacial attachment area separated by at least one relatively thin isolation strip such that the first and second interfacial attachment areas generally approach covering the entire attaching area of the chip capacitor.

1459827954-990801bb-7289-4841-b620-2b8a59b312ea

A breast saw apparatus is used for cutting a poultry breast having a keel bone. The communication unit performs data communication with an external apparatus. A conductive terminal includes a pin portion insertable through the hole in the flat circuit and into the hole in the support member. The ECU outputs a control signal to the driving circuit.

1459827954-b0e6d543-bf23-4c75-8211-cde143670bfe

An automatic feeding machine for transferring semi-manufactured products between a progressive die and a single station die, includes a frame, a feeding device, and a manipulator. The binding permits easy adjustment of the binding's position on the board, while also allowing for removal of the binding from the board for improved utility of storage or transport. A database at the verification station retrieves information related to the unique identification code, and a camera captures a

digital image of the moveable object, while displaying the image and querying a user to input verification data to an input device. Then, a keyboard status and a command byte of the keyboard controller are stored into the RAM. The RF coil is in thermal contact with the heat sink assembly that is coupled to the cryogenic system through a heat pipe to achieve and maintain a desired low temperature at the superconductor RF coil. The exposure of the vent can be adjusted by a sleeve that slides back and forth on the conveyor tube at the location of the vent.

1459827954-be85c05c-1819-45d1-994a-1b8e57d1d07b

The present invention provides a bifunctional phenylene ether oligomer compound having a thermosetting functional group at each terminal, an epoxy resin containing the above oligomer compound and a use thereof. Immediately after the bypass valve is opened when the electric motor is running, the air flow inhaled into the internal combustion engine may be calculated by acquiring the bypass air flow through the bypass passage and using the acquired bypass air flow to correct the intake air flow measured from the signal of the intake air flow sensor. A control unit may determine currents based on at least the number of coils or coil sets, an angle of rotation of the rotor and a parameter depending on an axial position of the rotor, and supply the determined currents to the coils or coil sets. In particular, the invention relates to indolocarbazole analogues of the following general formulas that inhibit topoisomerase I activity .

1459827954-d8a1049e-f697-4c69-aec3-19bec36ffb04

A method is disclosed that monitors and controls the condition of an expandable mixture before injecting it in a mold and that maintains the conditions for filling so as to make a casting mold having a uniform strength. The clutch pressure is further reduced at a constant change rate and the amount of time is measured until the turbine rotation speed increases to the predetermined rotation speed. Word lines are coupled to the first and second nonvolatile memory cells. The first stand off leg is attached to the substantially sequential ribbon arrangement of the optical fibers at a first end, and the second stand off leg is attached to the substantially sequential ribbon arrangement of the optical fibers at a an opposite second end. The third and center mattress support portion has two sections that are pivotally connected. The retaining rails are insertable into the guide rails and securable at the guide rails by resilient elements and resilient stops.

1459827954-df8b2eb5-f2e4-4867-aecf-cfc912ad0259

A method for estimating the likely waviness of a wafer after polishing based upon an accurate measurement of the waviness of the wafer in an as-cut condition, before polishing. The network emulator can replicate attributes of a wired communications network. The top leg extends from the one end of the base member at a top thereof, such that a bone slot is created between the bottom leg and the top leg. A JSP visitor configuration file, which defines user configured classes and sequence of execution, is used by the JSP translator to invoke methods of user-defined classes in the order specified by the user to process or visit elements of the DOM object.

1459827955-4bbff1ed-6545-470c-ac96-761472a2c928

In a toroidal type continuously variable transmission, a power roller bearing that serves as a thrust bearing includes an inner race composed of a part of a power roller, an outer race opposed to the inner race, and balls arranged for rolling motion between the outer and inner races. A master set of service codes for the multi-mode environment is provided. The amount of charge and voltage change, required on bit lines for resolving a bit of data stored in a memory cell during the pulse width of the self timed memory clock, is reduced by using a sensitive sense amplifier so that power can be conserved. A DNS Server load balances network requests among customer Web servers and directs client requests for hosted customer content to the appropriate caching server which is selected by choosing the caching server that is closest to the user, is available, and is the least loaded. A common driver applies alternating current common voltage signals to the common lines.

1459827955-6e09d6bf-ebba-4a9c-83cb-f138d98e5f15

Air cleaner assemblies and components therefor are described. The thickness of the gate oxide layer on one step surface can be different from that on another step surface of the multi-step structure. The supramolecule disrupts the interactions between the hydrophobically modified biopolymer and the vesicle or cell membrane, without affecting the structure of the membrane or the hydrophobically modified polymer to which the hydrophobic substituents are attached.

1459827955-c41aae86-669a-4e01-9e24-51baf1c9c29e

Bezoar-forming units for forming at least one temporary bezoar in a gastrointestinal organ of an animal, including a mammal, to fill a space in the said organ, are provided for weight control. A sensing device for use with such a region, the sensing device for sensing and reacting to data indicative of a functional attribute of a part of the region. The distal end of the leg may include a forked portion that defines two or more tissue piercing prongs. At least one of the spaced apart electrode regions is energized, to selectively wet etch the cover layer adjacent the spacer region and define a nanopore in the cover layer adjacent the spacer region. The fixture can include a housing, a modular, removable LED module attached within the housing, and at least one modular, removable power supply attached to the housing for powering the LED module. The dual porting apparatus includes two idle regenerators coupled to two serial master devices, a synchronization logic capable of synchronizing the communications between one of the idle regenerators and a third idle regenerator coupled to the SATA disk drive.

1459827956-247bc3a3-855c-4bea-b273-14923e1f4373

A novel maize variety designated X13B662 and seed, plants and plant parts thereof, produced by crossing Pioneer Hi-Bred International, Inc. The data processor may be also configured to receive information identifying a user requesting authorization to command the vehicle controls from the one or more devices associated with the vehicle computer. The well layer contains indium and nitrogen, while the barrier layer contains aluminum and nitrogen. Such an arrangement allows analysis of the transactional information and the loading information showing actual usage of objects at both the dispensing site and the reloading site.

1459827956-6d070b8d-425a-46b8-81ed-da86069371c5

In a computing system with non-shareable resources, use-arbitrating processes are executed on behalf of each task seeking or having access to non-shareable resource. An estimate of the time-varying stress and strain fields within the subsurface region during production of the reservoir are determined, wherein the estimate is based on the integration of the seismic model with the geomechanical model. An axial tension acting on the rod which runs axially in the tube and is fixed in rotation therein, causes the lugs to deploy through openings in the tube, such as to cause the extension thereof in the direction of tension at an angle to the length of the tube. The described methods and apparatus can be used alone or in combination with various novel signaling schemes which can make it easier to compensate for the non-ideal behavior of switching amplifiers in such a way as to enable practical application in wireless transmission and/or other applications. In the process, the address next to be input can be decoded. The programmable structure comprises placing heating elements in close proximity to the programmable structure to heat the programmable structure during programming.

1459827956-823f6836-eac5-4437-9668-1eefec42a1af

A method for converting video information from an incoming format to an outgoing format using a process free from one or more intermediary files. A fin structure may be formed such that the surface of a sidewall portion of the fin structure is normal to a first crystallographic direction. A capability set of at least one capability is associated with each resource group. In particular, the invention relates to indolocarbazole analogues of the following general formulas that inhibit

topoisomerase I activity.

1459827956-ea60697a-c2e7-4d40-94ed-9023a65ec8e9

Disclosed is an optimized process and apparatus for more efficiently and economically carrying out the liquid-phase oxidation of an oxidizable compound. The liner is made of a polyurethane produced using a catalyst that contains metal-organic compounds. When authentication information is received from the network thereafter, a print controller selects, from among the print jobs stored in the memory, the job that is associated with authentication information that matches the received authentication information, and causes it to be printed. Electric wiring passes through the connectors between the housings. The controller may also be programmed to turn said heater on, turn said pump on when the water temperatures reaches said brewing temperature, and turn said heater and pump off when said temperature sensor senses another temperature higher than said brewing temperature. At least one instruction is selected based, at least in part, on a type of the selected object and, then, an associated template string is selected based on each selected instruction.

1459827957-5c6abf92-7076-4ee0-beaf-9adacf277379

The present invention relates generally to time-of-flight mass spectrometers and discloses an improved method and apparatus for analyzing ions using a time-of-flight mass spectrometer. The CPE determines the best provider based on criteria specified by the subscriber and the network provider and then sends the call to a specific IP address, that has been previously been downloaded and configured in the CPE, to reach a selected network provider. The cables may then push both panels forward toward a third position to open a rear opening in the roof.

1459827957-780755bb-9ca7-4b71-bb9a-8115a376f51b

A multimedia player has a fast seek function for navigating between track selections contained within a large playlist. The zoom lens system comprises a positive first lens group, a negative second lens group, a positive third lens group, a negative fourth lens group, and a positive fifth lens group. Markers may be affixed to the patient's body such that a body-fixed coordinate system can be determined in real time by an imaging device.

1459827958-704e3eb0-8604-4fd3-ac0c-015edd54910d

Methods and systems for operating automotive computing devices are described. Since a subscriber unit access request typically precedes a subscriber unit data transmission by a relatively short period of time, the data transmission power level will then be based on a recent power measurement. Centrally mounted to the convex inner surface is a bracket having a curved portion to hold a rattle. In still another aspect of the present invention a self-piercing fastener is a clinch nut or a clinch stud. The particles can also comprise a ceramic material, such as a metal oxide. The memory may include a library of commands for commanding functional operations of the appliance.

1459827958-9dab59e7-107e-4151-a8b5-8d568eb9b5cc

A transistor includes a channel region with a first portion and a second portion. The most image-side lens surface is an aspherical surface concave to the image side, and this aspherical surface has a point of inflection. In certain embodiments, a compound disclosed herein activates the AMPK pathway, and can be used to treat metabolism-related disorders and conditions. The optical input amplifier may be optional if the channel signal demultiplexer provides for minimal insertion loss which is optimum with a properly designed arrayed waveguide grating demultiplexer.

1459827959-371f4c4c-5e59-4d02-8643-ed71319d81f1

Providing multi-path echo cancellation comprises providing a main echo signal corresponding to a main echo section of an echo response and providing a plurality

of tail echo signals, each of the plurality of tail echo signals corresponding to respective tail echo sections of the echo response. The methods of the invention include attaching the skull cap to the bleeding victim and inflating the bladders with air using the pump. Methods for treating endothelin-mediated disorders by administering effective amounts of one or more of these sulfonamides or prodrugs thereof that inhibit or increase the activity of endothelin are also provided. Each backshell is designed to be uncoupled from the connector body while retaining the plurality of interconnects in the stacked arrangement, thereby making it possible to repair single an interconnect without disrupting the others. In one embodiment, a multi-ply structure having at least three plies is desirable. A pre-crash detection device identifies an imminent application of force on the outer side of the supporting structure.

1459827959-bd6dbe0c-af5c-4883-b1c2-ee2c6b7e7061

Extracts of Hoodia plant containing steroidal glycosides which have improved flavor, by virtue of reduced levels of discovered negative flavor compounds. In an example, a method of dicing a semiconductor wafer having a plurality of integrated circuits involves forming a mask above the semiconductor wafer, the mask including a layer covering and protecting the integrated circuits. The client sends a PDU with version to a server.

1459827959-d156a10b-c4fa-4299-bf8e-0222d0ff1bdb

A disk drive includes a base, a disk rotatably coupled to the base, and a rotary actuator coupled to the base adjacent the disk. The system comprises a unique dual-scale, asymmetrical cellular architecture for a wireless network, wherein the communication uplink is based on a macro-cellular system, and the communication downlink is based on a micro-cellular system. A parallel efficiency  $E_{para}$  is calculated in accordance with an expression  $1/R_{para} \times d \times 7 \times u \times 22 \times 12 \times R \times u \times 03 \times c3$ ).

1459827959-f35abdf4-6da7-42e5-b6f3-5f0e74bc6fb9

A vehicle has a display device which widens the field of view reflected by a side mirror or a back mirror mounted on the vehicle. In the disclosed system, assets as well as their locations are scanned using a hand held bar code scanner. Additional reinforcing elements may be embedded in the bone cement inside or outside the spinous process. If the best cell is an intra-node B cell, the UE signals the node B of the best cell, the node B switches to the best cell directly and UE receives the data from the target cell directly, and then Node B reports the switch to a radio network controller that completes the final switching to the best cell by the RNC. If a replaceable colorant-placing module is in use selected from many such modules and the particular module has a characteristic property which affects the color of printed images, then preferably information about that property of the particular module is also automatically used to modify printer operation, to compensate for effects of the distinctive property on color. Substantial reductions in analytical system complexity and improvements in reliability are achieved compared with other commonly used methods for analyzing such complex mixtures.

1459827959-ff32d2c6-f0cf-4b1a-a8e5-4865f804f2f9

In one embodiment, the method includes receiving an audio signal including a prediction residual of a block of digital audio data and coded coefficient values. The localization framework is configured to automatically identify and prioritize certain text contained within an application code base to be translated. The storage device stores statistic data. The body portion further includes a blunt nose and a gull dihedral wing configuration that further reduces sonic boom disturbance and eases constraints on arealift distribution tailoring. Any one of these three functions can be activated when the touch sensitive area detects a movement of an object with its starting point within the representation of the function on the menu area and with a direction from the menu area to the display area. The invention thus relates to the plants, seeds and tissue cultures of the variety CH103769, and to methods for producing a corn plant produced by crossing a

corn plant of variety CH103769 with itself or with another corn plant, such as a plant of another variety.

1459827960-03ad05e7-0bd6-44d3-ba6c-2320260fc741

A helmet, such as used by firefighters, includes a compass mounted on the inside of the helmet in a location that will be easily visible to the wearer when necessary but will be positioned so it will not distract the wearer at other times. The housing is located on the side of the first sealing stage facing away from the process, wherein energy is transferable through the first sealing stage 4 in the direction of the process medium. A sheet transport mechanism is arranged in the casing and is engageable with a drive mechanism of the printer to feed the sheets out of a print media exit opening defined by the casing. A further modification enables generation of a second voltage reference whose value is related to the base emitter voltage  $V_{be}$  of a bipolar transistor. The cover shields the flexible electrical connecting means exposed due to the movement of the second body against the first body when the first body and the second body are in a spread state. By selectively deleting data packets received from a suspect source address or inhibiting the transmission of data packets to a suspect destination address, network management and control can be readily accomplished.

1459827960-103fd926-a935-40bb-8c8c-0feeb71b1c13

A system and method are disclosed for securely establishing a cryptographic key between a first cryptographic device, for example a host cryptographic security module, and a second cryptographic device, for example a bank Automated Teller Machine. The resulting SiC wafer has a mirror-like surface that is fit for epitaxial deposition of SiC. An image acquisition scheduler determines the timing and intervals at which the multiple executable application programs repeat receiving image data from the image pickup device, without overlapping in terms of time.

1459827960-16f0397e-b4df-44cf-9c3f-897885f9675a

A primer pool for amplifying a target sequence of a human HNF-1 gene, including at least one set of primers or variant primers thereof, each set of primers being identified by two consecutive SEQ ID NOS, the SEQ ID NOS being given as from SEQ ID NO. Clamping bodies held in a cage are disposed between an outer ring and an inner ring. At least a first logical processor and a second logical processor associated with the at least one physical processor are partitioned.

1459827960-4417a92e-2540-40ce-860d-4f68300c73e1

A method and apparatus for processing information, method and apparatus for manufacturing an information recording medium, an information recording medium, and a computer program are provided. The vehicle system includes the portable device and a plurality of base stations positioned about a vehicle. A first belt system comprising one or more belts extends from a loading position through a portion of the enclosure.

1459827961-fbee19a5-926c-4a79-b224-4b74b2df1042

Provided is a manually operable nut cracking device having a frame, a fixed jaw and a movable jaw mounted to the frame in opposed relationship to define between them a nut holding station. The full converter comprises a generator side converter, a DC link connected across an output of the generator side converter, a line side converter connected across an output of the DC link, and a converter controller configured to control the full converter to mitigate effects of subsynchronous oscillations present on the series compensated transmission line. The active noise control system also has microphones for generating reference signals which are positioned respectively near the base of the front seat, near the center of a roof, and within a trunk compartment, i. The PAL can function as a stand-alone device or synchronized with a user's personal computer via a RF or IR link. The attenuator circuit receives the filtered signal and attenuates the input voltage of the power



amplifier to reduce the output voltage of the power amplifier to a level below the predefined threshold.

1459827962-395a6bdc-d575-4a77-a891-e31c9b38ac1e

A method for compressing digital image data to improve the efficiency of serial data transmission is disclosed. The outer crushing shell is supported on an upper frame member in vertically adjustable engagement with a lower frame member. Each of the sub-buses is connected to one of the circuit chips. A plurality of column select lines are located in each of the plurality of regions with each column select line coupled to a group of column select switches associated with a section of memory to activate the respective column select switches.

1459827962-3ffea1d7-d7de-4199-bd18-d6fce53410cf

When a user interface of a parent software application is modified such that user interface components of an add-in application are not compatible with the parent application user interface, user interface components associated with functionalities of the add-in application are added to the modified parent application user interface. The system searches the stream of display pixels for a current and previous pixel that are the same color. Accordingly, cosmetic and cleaning compositions incorporating the hydrocarbons produced by way of the process are also disclosed.

1459827962-b3a6ca74-cb94-4e32-bca3-e9a2b39eff90

A nib assembly for a writing instrument comprises a ferrule having a first end and a second end. A power distribution network includes a pre-final amplifier stage power distribution network and a final amplifier stage power distribution network. The boot is worn on a foot of a user. Source areas are formed in the substrate adjacent to the outer edges of the floating gates and a drain area is formed between and adjacent to the floating gates. A confirmation of the availability of funds is automatically sent to the merchant, and a credit for the payment is automatically sent to the merchant's account.

1459827962-f89c0cd8-1be0-4996-b38b-0fa21e8879bc

A body fluid sampling system is provided for use on a tissue site. In the preferred embodiment, the first material is fused silica, and the second material is BK7 glass. The containment member is formed as a brush, nest, sponge, swab, flexible sack, or other shape into and around which the liquid embolic composition is injected. Improved means for evaporative cooling include a rayon-based flocking on the wet side of molded plastic indirect evaporative cooling plates. A channel region is formed in the semiconductor substrate between the first and second base patterns. Each rotatable valve has a finger tab to adjust the amount of condiment released.

1459827962-fc23575f-0346-4612-95d4-a512f7bbd1c1

An illuminated assembly that can be configured as a pinwheel, pinwheel bow or decorative bow. In some embodiments the formal specification is a process-based specification. The voltage reference variable is limited by upper and lower torque limit values which must not be overshoot or undershot in the event of changes to the voltage reference variable. Dosage elements produced in the inventive method are pleasant to handle, while being surprisingly resistant to damage in handling or transit. In addition, the catalyst can maintain its catalytic activity for a long period of time without deactivation.

1459827963-3032e0d4-ded0-4dc0-aad2-2204f49ffba5

A differential signal generator circuit includes: a first amplifier for comparing an input signal with a threshold voltage and outputting differential signals; and a second amplifier for adjusting the threshold voltage in response to the differential signals. In a preferred embodiment, a server receives a request from a client for a page from the database wherein the page has a plurality of links to

linked pages in the database. A control means is provided to control a driving motor so as to produce assisting power commensurate with the detected displacement.

1459827964-62ca8db1-dd04-452a-92a3-712004dcaaaa

A process of providing a gradient field includes providing a pair of opposing magnets and associated magnet poles, which are divided into zones. A part of the coupler is connected to the paintball marker while another part is connected to the paintball hopper. This decreases the intraocular pressure. The runtime module may be configured to call the JavaScript proxy from the Java module, pass control of execution to the JavaScript module, execute the JavaScript module to generate an output method or object, and pass control of execution to the Java module to continue execution of the Java module. A read-out is connected to the mixing and detecting device for removing the output electrical signals from the mixing and detecting, and a signal processor is connected to the read-out for processing the output electrical signals from the read-out to detect and produce an image of the object.

1459827964-d8247e1b-5f3e-4ea2-8d5f-d53639cf2d4a

The invention features 4-thio)-phenoxyacetic acids and analogs, compositions containing them, and methods of using them as PPAR delta modulators to treat or inhibit the progression of, for example, dyslipidemia. Based on the traditional 2D adjustable optical mount, its inner space is utilized for installing the third dimension angular adjustment. The third terminal of a first of the PCM switching devices is coupled to a set/reset switch, and the third terminal of the remaining PCM switching devices is coupled to the second terminal of an adjacent PCM switching device in a cascade configuration. The bore 12a is adapted to guide the axial movement of the probe 14a. A first circuit includes the primary coil and a first switch. The photoresist layer is then heated to a temperature at which the thermoacid generator releases an acid and the acid-catalyzed elimination reaction takes place.

1459827964-ed8aaa59-00c5-4897-a4f5-d83c2411bcd8

An automobile display canopy with an anchor system for securing the canopy to the ground using the automobile itself. In one embodiment, the method uses existing control data that is transmitted as part of a connection establishment process in a wireless communication system. The second arm also has a first end pivotally attached to the vehicle, and a second end pivotally attached to the stepping member. This improves the acoustic compliance of the acoustic enclosure. The chamber is surrounded by a body with an outer surface which is preferably fitted with threads to facilitate secure but removable attachment of the port within a hole in the bone where the port is to be implanted.

1459827965-3e36097d-3cc2-4738-bf5e-9e49820c07a5

A needle safety device is provided having a housing, a needle assembly movably mounted within the housing and a spring for biasing the needle assembly within the housing. Both portions are then recombined in an outlet manifold. In response to detecting an occurrence of a given event, the irrelevant signaling messages are removed from the queue based on the class specifying irrelevant signaling messages corresponding to the given event.

1459827965-78c5fd7d-96b2-4133-a8e6-e90b2d9af90d

A method of treating a disc plate. In one aspect a method for automated decision support for medical imaging includes obtaining image data, extracting feature data from the image data, and automatically performing anatomy identification, view identification and/or determining a diagnostic quality of the image data, using the extracted feature data. A thin film transistor in the pixel area has a semiconductor pattern which forms a channel. The spans containing the data to be restored from the volume are identified as desired spans, and a current disk is searched for the desired spans. A second adhesive strip is located on the outside

of the flap over the opening such that the envelope is sealed when the flap is pressed against the resealable surface layer of the first adhesive. Conveying fluid enters the inlet drawing bulk particulates via the eductor series through the outlet.

1459827965-a58abb74-0bfd-49d8-bea5-55e547f9038c

A transmission mechanism used in a spring winding machine is constructed to include a rotary table, the rotary table having an eccentric main shaft protruded over first and second sides thereof. A controller includes a low-speed communication IF and a high-speed communication IF. The first fluid volume may apply a force to the first side of the piston mechanism that is greater than a second force to the second side resulting in displacement of the piston mechanism. A method of lowering resistance and enhancing permeability at the delivery site, as well as increasing drug concentrations and delivery rates.

1459827965-dd4de1e5-6886-42cc-888f-be5f8972507a

A field programmable gate array device including a non-programming-based default power-on electronic configuration. A film is also presented comprising a first conjugated polymer having a conductivity of greater than  $10^{22}$  Scm and a second conjugated polymer having a conductivity greater than  $10^{22}$  Scm formed by depositing the recited aqueous blend onto an article and removing the water-containing solution to form the film on the article. In the present invention, when the channel quality is relatively poor, various cell participating in the coordinated multiple point transmission and reception transmit the same one data stream to ensure the data transmission and reception quality.

1459827966-4d8633f3-55d8-4460-bb94-7a557f0bf81e

A method and device for detecting condensation on surfaces of structural components. The power converter uses a source oscillator and a NOR gate. Data in each partition is analyzed to determine if at least a portion of the data in the partition is reducible. If the criteria are not met, a message is provided to the user via the monitor. In some embodiments, a via can also be formed by a diamond contact and a rectangular contact.

1459827966-7d7262bb-5858-48e2-9da3-bdca4da64c64

The present invention relates to a riser pipe element comprising a main tube, connection means at both ends, at least one auxiliary pipe length arranged substantially parallel to the tube. A first epitaxial layer having a first doping level is homo-epitaxially grown on a substrate. These compounds also have very significant calcemic activity and therefore may be used to treat immune disorders in humans as well as metabolic bone diseases such as osteoporosis. The metal can then be planarized to form a layer of an integrated circuit. The third and fourth transistors receive an inverted signal of the first logical signal and the second logical signal.

1459827966-7ee4d701-68bf-4b58-95dd-9a707c19e7af

Hydraulic oil supplied from pumps, to an attachment actuator is controlled by attachment control valves. Catalyst gains are determined by modeling the catalyst as an integrator with an unknown gain and estimating the catalyst gain based on the exhaust gas sensors with the gain used to monitor catalyst performance and/or modify the engine fuel/air ratio. For this purpose, a replica switch is provided, with the voltage change on the common node of the replica switch being used to provide a corresponding charge to the common node of the main switch in an amount equal to the charge needed to change the voltage on the common node of the main switch by the same amount as the voltage change on the common node of the replica switch. Relative motion between the two belts causes the drive belt to rotate the rollers it contacts.

1459827966-c1289cd9-09a5-4d3a-b50b-76512c595a69

A packet switching apparatus for simplifying and reducing the size of a packet switching circuit which is to perform at high speed. A programming bitstream is shifted into the data register in discrete portions, with each portion being loaded into the bitline latch before the next portion is shifted into the data register. Two additional actuators can be added, as modules, during the walking stage of rehabilitation. A securing mechanism secures the first member with the second member. A gate contact applies a gate voltage bias to control charge carrier accumulation and depletion in the underlying channel portion.

1459827966-db937b25-75aa-480f-9b27-12dd0bf3783f

The casing cutter disclosed herein is useful for severing downhole tubulars and comprises a body, a cutting head, cutting blades, and actuators for operating the cutting head and cutting blades. The polymer element may be coated with piezoresistive material to form a first resistor and may have associated electrodes. In particular, the present invention is directed to a novel composition and method for the treatment of skin erythema using  $\alpha$ -adrenergic receptor agonists incorporated into cosmetic, pharmacological or dermatological compositions for topical application to the skin. A mounting member has a fastener through hole that receives the shank therethrough, a generally semi-spherical surface extending about a first end of the fastener through hole, and a recess extending about a second end of the fastener through hole that receives the inner sealing ring. Both A-law compression and A-law expansion can be used in the voice recognizer to improve the accuracy of the voice recognizer.

1459827967-1cf1b270-c728-4f2c-a91a-81238fb84974

A system includes a volatile storage, a persistent storage, a capacitor-based power supply, and a controller coupled to the capacitor-based power supply. An outlet portion of a microcatheter is delivered to the defect, then at least a body portion of a thin film occlusion device is radially expanded from a collapsed orientation to a deployed orientation for engaging the microcatheter and covering at least a portion of the defect. Each processing chamber 100 has a chamber lid 200 that can be suspended and supported by a crane unit 500. The second plate has a plurality of rhombic unit pieces of the same size arranged in a row, and an inner face abutting on the second face of the fabric. All color information for every picture element of the image of the document is provided concurrently and for every picture element PEL the image signal of all provided colors are analyzed and for every picture element that image signal of that color is selected which has the minimum contrast relative to the background of the image document. The present disclosure provides novel processes and systems for securely networking a wireless analyzer with a Wi-Fi network without the need for an operator or user to engage in manual initiation steps on, or through, the wireless analyzer.

1459827967-8eb6896b-fa08-400d-aadd-a21a9a98dde8

An exercise and/or rehabilitation machine includes a support having a rounded upper surface for supporting a person's anterior pelvic area. Said label printer cassette comprises at least one supply of printing medium and a housing. To take advantage of benefits of ingress filtering as it is gradually deployed by ISPs around the Internet, differentiated classes of service are used to transport packets whose source address can be trusted and packets whose source address cannot be trusted. A translucent insulator layer, wire grid polarizer, a second translucent insulator layer and light sensing diode region are, in turn, attached to the second translucent metal layer. The memory device comprises means for determining the at least one parameter, a calibration memory connected with means for determining the correction factor, and control circuits for adjusting pulse parameters as applied to read and write operations in the memory device.

1459827967-d74d214b-2ac5-4ba9-9199-948a1d56e333

The lighted tip fishing pole apparatus provides a lighted tip pole with intensity adjustment of the lighted tip as well as on/off control. The sealing member has an

annular base, a projection, and preferably first and second annular flanges. A reference pattern is transmitted incorporating the passive channels and a majority vote statistical analysis is applied to the states of the passive channels to decide on the state of each bit constituting the pattern repeated by each passive channel.

1459827968-4db9dff9-39e6-4bd7-8f57-a2933ed73321

A turbo decoder for decoding a data signal transmitted via a disturbed channel has a symbol estimator and a digital signal processor. Through the use of the usage rights and the delegation rights, a hierarchy of rights associated with a document is created that provides a tree-type structure of rights extending from the content owner down through one or more users. Each individual light emitting diode module includes a base and a light emitting diode, wherein the base is configured and arranged for fitted electrical engagement within the electrical socket.

1459827968-51323d20-409b-472d-87a1-b636f82d47fd

A delay line calibration mechanism includes a delay line, a phase detector, and a controller. Reactive species are generated and flowed toward a substrate for processing. The method further comprises exposing the opening and the underlying copper layer to a plasma-free reducing atmosphere 200 in the presence of a thermal anneal.

1459827968-a0d3582b-b7b6-4cc8-a868-1c17a39b6f6a

A pixel structure includes an active switching device, a patterned common electrode layer, an insulation layer, a patterned oxide electrode layer and a patterned passivation layer. These zeolites are represented by the empirical formula. The LEDs are supported in a fixed position and have a conical reflector to assist in focusing the light output. The apertures reduce the magnitude of the fluctuations in the fuel to air ratio of the fuel and air mixture supplied into the at least one combustion zone. The rotor diameter can be increased in order to provide high power output in low wind conditions and it can be decreased in order to minimize loads in high wind conditions. The treatment composition and any activator greatly increases the chemical binding of the soluble phosphorus and/or nitrates present in the animal waste or nearby environment such as soil or water.

1459827968-b49b0735-7e57-4c63-8e29-461fce04f218

A designer-adaptive visual code includes a user-selected set glyphs, a user-selected set of allowable glyph orientations relative to a user-selected reference angle, and a user-selected spatial arrangement of the glyphs. The thin film resistor comprises a resistive layer located on a first dielectric layer, first and second contact pads located on the resistive layer, and a second dielectric layer located over the resistive layer and the first and second contact pads. A second function, which deviates from the first function is assigned to the input mechanism by the control device depending on an operating state change. The bracket base advantageously comprises a plastic or ceramic material for ease of formation and for reducing expense.

1459827968-f7ab27bf-eb0f-415f-80ec-a33ec9f41b18

On receipt of a tagged file, as a tagged document, at step S1, a document processing apparatus at step S2 derives the attribute information for read-out from tags of the tagged file and embeds the attribute information to generate a speech read-out file. A BIOS confirms presence of a security function of an optical disc drive. The third section has a third side surface and a fourth side surface, a second angle of 35 degrees is defined between the third side surface and the fourth side surface. The fixing member holds the antenna in a movable manner.

1459827969-323794cf-c7a4-4b41-a614-93ad110702e8

A packaging system in which an object can be maintained for shipping. A tread plate rotatably secured to a distal portion of a rear support rod can arrest the wheels

of the stroller from any movement. One of the equilateral flaps is provided with an aperture therein which effects registration with the an aperture of the fourth sidewall of the top cover of the enclosure in which widths of the equilateral sidewalls of the platform define about one-half of the height of the sidewalls of the enclosure. The polar group of the monomer unit is preferably at least one group selected from \u2014, \u2014C\u2014, \u2014C\u2014\u2014, \u2014\u2014C\u2014\u2014NH\u2014, \u2014\u2014S\u2014\u2014, \u2014\u2014S\u2014\u2014\u2014, \u2014\u2014Ra, \u2014\u2014Ra, and \u2014CN, where Ra represents, independently in each occurrence, optionally substituted alkyl.

1459827969-3af5c0ae-d66d-4274-9a43-68662c0c1901

A sensor device and a method of making a sensor device. A method for evaluating a sound comprises the steps of: using the sound recorder to capture and record the acoustic signal; calculating the ACF from the acoustic signal using a CPU; calculating ACF factors extracted from the calculated ACF using the CPU; and identifying the kinds of the noise based on the ACF factors. The graphical interface may indicate the status of the process, the status of the various computing units of the process, or the status of groups of computing units. In use, the laser assembly in conjunction with the mirror assemblies directs upper and lower laser beams through 360 degree scans to impinge on the targets ; laser radiation reflected from the targets is detected by the detector assemblies, allowing trigonometric calculation of target positions using information derived from the scans of the upper and lower beams.

1459827969-8b311e04-d83f-4e56-aa25-387e46d682a5

The techniques introduced here provide a single, passive radio link control entity with a unified interface. An electric refrigeration unit is operably disposed in the base for cooling the contents of the interior cavity. A ribbon of the body has a recess therein for placement of a rear weighting member. Efficiency of the LED light source may be increased when using an optical extractor as the optical element. The formatting module also applies feature extraction information to the representation, and formats the representation according to a representation specification. The thread has a leading surface and a trailing surface that both slope rearwardly from an interior edge to an exterior edge thereof.

1459827970-01c34a4a-dfd8-48b4-bc3f-f4a9eb9d840e

A viewport assembly may allow viewing of a retort chamber while protecting the viewer from heat of the retort chamber through a high-temperature-resistant window in an end wall of the viewport assembly. The hinge assembly also includes a first friction disk rotationally coupled to the shaft, and a second friction disk rotationally coupled to the rotatable component. If the comparison reveals that the received SQL statement includes a malformed expression that would be inefficiently processed by a database engine, the malformed expression is modified to an efficient SQL expression form and the efficient SQL expression form is executed by the database engine.

1459827970-36be52cf-d5ac-4b0a-81c6-2204124ca226

According to one example structure of the invention, a carriage moving device includes; a guide member comprising a pair of inclined planes; a carriage slidably supported by the guide member in a longitudinal direction of the guide member at a plurality of portions where the pair of inclined planes slidably support the carriage. The air injector injects sufficient air to burn out all active matter of the fuel, whereby emissions from the engine are free of active matter of the fuel. In one embodiment, if the player obtains an activator symbol on the reels, the activator symbol activates the symbols that are adjacent to the activator symbol.

1459827970-5ca99d5b-b5cf-4b03-9061-5d318e517349

The present invention relates to an asymmetric chromatography media suitable for

separations applications, particularly as packed bed, fluidized bed or magnetized bed chromatography media. The memory includes a plurality of rows and columns, each of which include a memory cell having a pull-down device. The remote computer responds by returning batch-specific information that may affect processing parameters for the imaging apparatus. The system is configured to facilitate the execution of an automated pre-screening interview, and upon completion send the corresponding candidate portfolio to a candidate queue.

1459827970-7a622e04-a3cb-42c2-b0f0-16cd9beee143

A solution for controlling activities to be carried out in a network element in a flexible and safe manner. When the quality rating exceeds a predetermined threshold, the potential customer is associated to an assigned sales agent who determines an interest rating reflecting the importance of the financial coaching services to the potential customer. Input and drain connections are also preferably made through the top cover member. This status is left when the observed device leaves the reception area of the Guardian as the positive feedback signal misses. The sourcedrain stressor structure includes a capping layer which is formed along the and crystal orientations.

1459827970-d0252a2e-7ac3-414f-8fed-462986a326c1

A method of producing a synthetic composition having properties of marble includes blending a polymer resin with a stone gravel bit to form a mixture. The gumball machine further includes an elongated housing having an upper end coupled to the neck portion, the housing holding coins that have been inserted through the coin slot. Upon being so notified, the printer suspends processing and discards the data that has been received. for a time sufficient for the pH of the slurry to drop at least about 0. Neutralizers are also provided to prevent ion repulsion and improve ion beam focus. The proposed system would create a series of real number to virtual number mappings, allowing the sending and receiving of messages across national borders without incurring international charges.

1459827971-22e9a515-925f-4074-a642-58a52e4a5164

A method for determining a concentration of an analyte is disclosed. An elongated portion of the stent includes a length sufficient to extend substantially within the ureter from the kidney to the bladder, and the elongated portion defines a lumen extending therethrough. The agitator wheel preferably includes agitating members for transversing a significant portion of the volume of the reservoir to contact and dislodge pulverulent material therein. Based on the at least one object having a detection confidence below a threshold, the processor may communicate at least a subset of the data indicating the environment for further processing. The communication session includes a communication session identifier. A first fluid may be disposed within the first chamber interior, and a second different fluid may be disposed within the second chamber interior.

1459827971-5327d7bf-36d4-4853-8b41-5b1753ebe3ac

An electrical connector system includes a first electrical connector having a mounting interface and a mating interface, wherein the mounting interface is configured to electrically connect to an electrical component, and the mating interface is configured to electrically connect to a complementary electrical connector along a forward insertion direction. A selector selects at least two the databases for a simultaneous search, and selects at least one of the databases for a sequential search. The method and system in accordance with the present invention dynamically determines the appropriate information and/or interface for presentation to differing users.

1459827971-dc33dbc0-b230-47eb-9d43-a5ab5bccf027

An intumescent polymer composition includes a matrix polymer, an acid catalyst source, a nitrogen source and an ionic phyllosilicate synergist having substantial cationic exchange capacity. It is comprised of a pre-tank which captures trash and

allows anaerobic microorganisms to begin breaking down the sewage, an aerobic tank where aerobic microorganisms digest the sewage, and a post-tank which acts as a gravity separating clarifier in which solid particulate contaminants settle downward, leaving a clean effluent for discharge to the environment. The method includes with an application thread writing to the update buffer and, when filled, attempting to write the pointer for the update buffer to the global array. The estimated timing represents that the valve opening parameter is estimated to be switched from a first value to a second value in response to the input timing of the switching request. The method can be used to identify a projected path for the drill bit, import data, compute wellbore profiles and stratigraphic cross sections, plot actual drilling paths, overlay the actual drilling path onto the projected path, and present control buttons to the user. The end surface grinding wheel grinds the end surface of the work while the outer diameter surface grinding wheel grinds the outer diameter surface of the work in a state that the work is disposed between the outer diameter surface grinding wheel and the regulating wheel.

1459827971-e947c4bd-b066-4592-afe5-aefa861dc8e4

An accelerometer or accelerator switch and its method of manufacture are disclosed. Identification of a selected a group of end user persons to invite to join the collaborative computing community is received. The electronics board receives and processes video and audio outputs of the camera and microphone array respectively, and generates compressed video and audio outputs for transmission over the communications channel.

1459827971-fab4577f-a735-40d0-8b97-6df59554da15

The present disclosure is related to a modular insert and associated jack assembly used in telecommunication connector systems that reduces the adjacent lines electro magnetic interference from an adjacent transmitter for different plug assemblies. The invention relates to the seeds of soybean cultivar 95330721, to the plants of soybean 95330721, to plant parts of soybean cultivar 95330721, and to methods for producing a soybean plant produced by crossing soybean cultivar 95330721 with itself or with another soybean variety. The substrate is positioned in the mold and the insulated electrical contact is inserted into each of the openings. The APG is common to all the memory macros, and testing proper to each CAM can be carried out by changing over the operation of the inserted data generators by means of the control signal. The transmitter is constructed to use only a small amount of power which, preferably, is supplied by one or two low voltage replaceable and/or rechargeable batteries.

1459827972-78fe5d2f-1153-4ad0-bd02-02e40927a44b

An exemplary container data center includes a container, servers received in the container; and a ventilating system for cooling the servers. The method produces a plurality of specialized electrical contacts, capable of use in an interposer, or other device, including non-permanent or permanent electrical connections providing contact wipe, soft spring rates, durability, and significant amounts of travel. The cervical plate system has a flat elongated shaft adapted to span the intervertebral space and has at least two screw receivers spaced along the length of the plate. Washed RBCs can be provided to the patient in a timely manner, without the need for fresh blood.

1459827972-a91ae2d8-58f9-45e8-b621-9e1c617927b4

There is provided a method for referencing and correcting the beating spectrum generated by the interference of the components of a frequency comb source. The inner bag is removable to facilitate disposal. The first gate and the second gate are co-linear, with facing endwalls that terminate over the isolation region.

1459827972-e57348d5-5948-4d35-bdd7-360f91e530a1

A method and apparatus for processing symbols of a block code is presented. The feedback circuit includes an impedance element in parallel with a feedback



resistive network. sea water, to provide operational hydraulic fluid for operating a subsea device, with a piston rod having an end in a separate chamber acted on by a fluid to compensate for a pressure differential between the pressure of the water on one piston side and the pressure of the operational hydraulic fluid on the other piston side. The measured input parameters for the refined number of transceivers are used to calibrate a Radio Frequency coverage prediction tool for the calibration area. When one or more items are requested by a query, the query is analyzed and broken down into components or subqueries.

1459827973-b348d510-1a5f-4676-be7c-8df90677687b

A valve gate assembly for regulating a flow of molten material into a mold. The apparatus of the present invention includes a standard joggle die system that is currently in use in the art. Utilizing an array of seismic units permits transmission routes back to a control station to be varied as needed. When the plate is pivoted out of the functional position, the motor drive of the cutting movement is locked, or a brake precludes any movement of the knife slide or specimen slide. The semiconductor die is mounted over the substrate so that the conductive bump material is disposed between the die bump pads and integrated bump pads. This linkage permits a user to access an electronic site with the use of the respective site name.

1459827973-d048015a-51f4-4e74-988a-8b266d862773

A computer implemented method, system and computer program product for estimating an offset of at least one sensor is disclosed. The catalyst compositions comprise zeolite Y and mordenite zeolite having a controlled macropore structure. In this embodiment the metal foil is encapsulated by the adhesive layers. The transparent moisture absorption layer has a transmittance of about 85% or higher with respect to visible light. The hydrogen separator separates hydrogen from the resultant gases. Plastics which are used widely in domestic electric products, automobile parts, industrial parts and the like and have various tones are modified with an acrylic resin film so colored to an extent as to provide color shielding of the ground collected resin, to collect the plastics and produce an article without being influenced by the color of the original materials.

1459827974-51bb48de-3dbe-416d-b494-499ab88457b4

A bicycle advertising rack which is selectively attached to an existing parking meter, and which may be suitably used for locking up a bicycle in areas such as business areas having few or no bicycle racks or other objects to which the bicycle may be effectively secured. Secured to the end face of the core is an impedance matching section in the form of a laminate board. Upper and lower coupler slide channels formed from a plastic material are releasably connected to the coupler housing and contact the actuator housing. Closely spaced grooves within opposite sides of the foam panel provide for bending the evacuated panel, and a thin layer of foam is applied to the outer surface of the vacuum insulated panel to provide a protective outer surface. The system of the present invention also includes an output redirection handler connected between the display management module and a data communication link to the remote display terminal. function as a deceleration mechanism.

1459827974-52162553-4d4a-479f-99b8-b1fb58d2b884

An apparatus for measuring the resistance of a squib, including an input for receiving a power supply and a circuit connected to the input for limiting the power supplied to the squib. The first connection interface is operable to exchange security information with another electronic device for use in encrypting data transmissions with the other electronic device. The support structure defines a passageway and includes a proximal opening and a distal opening. The current source is coupled between the first current electrodes of the first and second input transistors and a second power supply voltage, wherein the second output load has an impedance value substantially one half of an impedance value of the first output

load.

1459827975-74af17f9-5ab2-4a59-a081-0564dbd3c9f6

There is disclosed an absorbent article including: a liquid permeable surface sheet; a backing sheet; and an absorbent layer located between the surface sheet and the backing sheet. A pair of electrically conductive gloves and that include silver conductive material is worn on both hands that have been clad in insulated gloves. A second die is landed on the through silicon via of the first die. The API function includes a parameter value that references the object.

1459827975-8e6ea1f8-7a76-4132-9c27-9105e2932bd0

This invention relates to crystalline boehmitic aluminas the crystallites of which exhibit unusual dimensional differences in the space directions 020 and 120. The structured object is analyzed to determine predicted locations to which a user may subsequently wish to navigate the position of interest, and positioning pads are displayed at, or associated with, the predicted locations. Each of the two heat sinks comprises a plurality of fins stacked together. This means that the collapsible storage container can be put in a usable \u201cbox\u201d position by straightening the foldable end panels and folding down the bottom panels, and also can be put in a flat storage position by folding up the bottom panels and folding the foldable end panels until the outside surfaces of panel pieces touch each other. The clip of the present invention can therefore be used with a wide variety of handguns.

1459827975-9d449837-5ab4-4bba-a601-0fb3b16eebd4

An improved process for recovery of liquefied petroleum gas from a raw natural gas feed stream, capable of achieving ultra high propane recovery yields, thereby separating substantially all of the propane and heavier hydrocarbon components from a predominantly methane and ethane feed gas stream. In a vertical compression embodiment, a lid has an integral press element that compresses the tea bag against a tea bag support means in the bottom of the container upon applying pressure to the lid. When the manual key of the TRANSFER INTENSITY is set to the right side, the printer CPU increases stepwise the transfer biases in accordance with the setting. Methods of foam control, backwashing and chemical cleaning are described.

1459827975-eb864e0f-23b2-43a5-8c2b-d80a7dfb773d

A data differencing technique enables a response from a server to the request of a client to be composed of data differences from previous versions of the requested resource. Such chelates can be used to formulate useful products. The method further forms a depleted sidewall layer on sidewalls of the MHK gate stack so as to overlie the middle layer and the top layer, and not the bottom layer. A further aspect relates to a system comprising first and second LNTs and one or more SCRs downstream of the LNTs. If there is interference, femtocell gives priority for use of the resources to the macrocell by releasing UL resources.

1459827975-ee92e7b1-b67e-42da-99c4-c6a626cad1b9

A silica glass crucible 1 having of 0. The first mixer includes a first inductor that is coupled between a positive in-phase input and a negative in-phase input. To overcome this deficiency, the structural elements are equipped with strain energy control elements that sense strain in the structural elements from on-board and external disturbances, and provide actuation of the structural elements to counteract the sensed strain. A seal is disposed in the annulus region of the clamping plate, wherein the seal is configured to generally prevent a leakage of the cushion of gas from the central region to an environment external to the annulus region. Control language specifications setting data predetermined for the control language specifications are generated. A list with the at least one preferred object class may be accessed in a configuration file.

1459827976-510c0d6e-71ab-43f1-94d7-733b821f9879

A method and a device of providing timing information within a wireless communication system is described. These mechanisms and methods for providing a team object in association with an object can allow for centralized management of a team in association with an object. The cabinet includes a plurality of vertically spaced apart shelves mounted within the cabinet interior. Using this product may eliminate the need for using pumps, or for welding or cutting tees into pipes, in order to effectively drain large containers.

1459827976-93dbbd3b-7f41-4665-9945-2cb378bd55f4

A method and a CT system are disclosed for determining movement and rest phases of a partial object that moves at times in an examination object during a CT examination. In some implementations, a user or network administrator may be notified of potential impairments due to unbalanced current. Another example of a current state in which a mapping can be reused is adjacent program instructions having mutually exclusive condition codes and sharing a destination register such that only one of those adjacent instructions will ever be executed. A motion vector that minimizes such a metric may be a good candidate for use in motion estimation. The at least one layer beneath the AlN layer is insoluble in the solvent and therefore acts as an etch stop, preventing any damage to the at least one layer beneath the AlN layer. The liquid crystal molecules of the liquid crystal layer are controlled for adjusting the transmittance of the backlight provided by the first and second backlight sources.

1459827976-9b735ce4-00ac-4dd9-9436-05e25330c5eb

A transconductance circuit having a feedback element for maintaining constant potential differences at a differential amplifier, which in turn allows an intermediate current signal to flow through a resistive load directly proportional to an input voltage signal. The base element comprises a concrete body and at least one metal carrier element supported thereon, on which the least one support surface for a housing or housing module of a self-service machine is formed, and the metal carrier element can be leveled relative to the concrete body of the base element by means of at least one adjusting device. In one example, a track is coupled to the frame and the auxiliary section is movable about the track.

1459827977-27920313-f069-49a2-b8ba-aec89da47eff

An article identification system includes a transceiver that generates a request signal and transmits the request signal, where the request signal requests information corresponding to an article. Electronic components are connected by welding seams produced by laser welding to the electric leads. As the package is advanced a robotic arm picks and places articles of commerce and associated product information card in the package cavity. In addition, the receiving communication unit, and/or the transmitting communication unit include echo canceller to further minimize the echo within the digital communication system.

1459827977-3df8d8f9-ea6b-4c96-a193-86c30bea9092

The present invention provides for a system and method of characterizing the integrity of a barrier structure. The insulative housing has a plurality of electrical contacts received therein. The pressure difference is advantageously adjusted to a zero value between two successive enabling pulses. The spacing between the first clamping member and second clamping member is then reduced such that the push pin clamps onto the head positioner assembly. As the substrate passes through the aperture, coating material is applied in a uniform and consistent layer ranging from 0.

1459827977-781f42c0-8cf3-47cd-9447-254660725f6b

Automated electronic document design systems and method for designing and modifying product templates. One end of the bit line is connected to a gate electrode of a read transistor. The supporting frame is configured both as a transport frame for transporting the compounder to the job site and as a mounting frame for the

placement of the operational compounder on a substructure at the job site. The apparatus further includes a second blowby gas returning passage connecting the intake passage downstream of the throttle valve to a head cover.

1459827977-9de10bbb-5d56-4a20-bfc5-c67b64fc1de6

A system and method for analyzing and classifying digital images as color, black-and-white, black-and-white with spot color, monochromatic, or monochromatic with spot color is provided. The device allows an individual to practice hitting a ball with a racket or bat, providing an immediate indication whether the ball has been properly struck. An event group is then produced by grouping the collected event records. In accordance with a determination that the transaction request is valid, the payment module causes the offline-payment operated machine to perform the requested transaction by issuing a signal, via the first interface module, to the control unit to perform the transaction.

1459827977-b0b7e1d0-8668-4145-9a2f-730aa318e298

A transmitter for use in a communication system includes clock input for receiving a clock signal and input ports coupled to external signal sources for receiving input signals that are synchronously modulated at modulation frequencies rationally and fractionally related to the clock frequency and to each other. The lower core is on the base plate. Other embodiments are described and claimed. The roller-pair shift unit moves the roller pair in accordance with a first position of the recording medium in the conveyance direction to shift the recording medium in a width direction perpendicular to the conveyance direction. The fuel delivery system may conserve energy by selectively activating the one or more pump assemblies and the one or more controllers.

1459827977-c9d242a2-e2c0-4530-bd7d-422556ce2118

The present invention provides a toughened thermosetting resin composition useful as an underfilling sealant composition which fills the underfill space in a semiconductor device, and includes a semiconductor chip mounted on a carrier substrate, enabling the semiconductor device to be securely connected to a circuit board by short-time heat curing. Present in the cabinet is an automatic storage unit with container means for containing the products. It is determined whether the primary channel is idle based on the primary channel signal level, and it is determined whether the secondary channel is idle based on the secondary channel signal level.

1459827978-11949779-985c-4166-b0b1-7bc39c1a8430

A more efficient method for maintaining the hydraulic actuation of a selectively engageable torque transmitting device in a vehicle. The oscillator has a basic modular architecture comprising a digitally controlled digital ring oscillator having a plurality of delay stages, a counter divider and a selection multiplexer. Mandrels are generated according to the active area widths and adjusted such that a beta ratio of a beta number for each FinFET active area to a beta number for each corresponding planar active area is within a predetermined beta ratio range. The stationary blades are disposed in the circumferential direction of the rotary shaft 8 at equidistant intervals. The automatic accompaniment apparatus can generate derivative accompaniment style data from original accompaniment data with ease. The second transistor has a source region and a drain region which are formed in the second-conductivity-type semiconductor region and which have the first conductivity type.

1459827978-81153c4e-e647-47e6-a6f1-5287c0c82152

A contract management mechanism is disclosed for managing contracts in the software licensing arena. The auxiliary oil filtration system consists of an auxiliary filtration device, an integral oil transfer pump controlled by an electric motor and that is in electrical communication with an electrical control unit, an electronic pressure sensor, fluid conductors, and means for connecting hardware.

The body may be made of a first material and the cutting edge insert may be made of a second material where the second material is different than the first material.

1459827978-9ca151da-a2e0-482b-a777-4024d24b242b

A collapsible infant bouncer comprising support assembly configured with a pair of intersecting support rods pivotally articulated to one another, each support rod configured with at least a top link and a bottom link foldable about a folding joint, and a flexible seating member mounted on the support assembly. The buffer capacitance portion establishes capacitive coupling. The lens is adapted to provide an image of a light source on the spatial image sensor.

1459827978-a45af558-623f-41b7-968d-531bef8dea05

An apparatus and method for improving input position and pressure detection in a pressure detection touch screen. Method and apparatus of the invention uses an elongated preformed muntin bar member that has a treated portion of an exposed surface of the muntin bar member. The RFID reader and the read structure communicate in a near field or proximity region communication, without any use of a direct ohmic electrical connection. The single mode fiber is successively connected with a graded index fiber and a coreless fiber.

1459827979-0bbb7916-aa42-4c71-becc-230313630ee5

Selective deposition of metal over dielectric layers in a manner that minimizes or eliminates keyhole formation is provided. The box includes a control board connected to the circuit board. The conversion of electrical signals to optical signals may be achieved at various locations in the cable adapter. The transfer system is provided with a plurality of rails, a support and at least one slider.

1459827979-56a3bbf2-7a78-42a2-a2f0-06588b610c18

An air seed meter having a rotating disc with seed openings arranged in a circumferential pattern includes a holder adapted to be mounted to the meter housing and carries two balls spring-biased to reciprocate and enter the seed openings as they pass and clear debris from the openings. The differential amplifier is adapted to receive differential signals having been differentially converted to single-ended convert the received differential signals into a single-ended signal. Also, a plurality of p-side electrodes electrically separated from each other for applying an electrical signal to the active layer optical waveguides are arranged on optical axes of active layer optical waveguides. Bi-directional demultiplexing can be accomplished by providing optical fiber tapers with etched diffraction gratings at both ends of the optical transmission fiber.

1459827979-5fe752e7-701e-44b7-a810-c5e7b771def3

Disclosed is a method of promoting healing of a chronic dermal skin ulcer, such as a diabetic ulcer, on a subject. The pacemaker further comprises an activity sensor hermetically contained within the housing and adapted to sense activity and a processor hermetically contained within the housing and communicatively coupled to the pulse delivery system, the activity sensor, and the electrode plurality, the processor configured to control electrical pulse delivery at least partly based on the sensed activity. The reflective portion reflects the reflection beam toward the object, the reflection beam re-contacting the object and generating a second scattering beam and a sub-reflection beam, wherein a part of the second scattering beam and the sub-reflection beam enter the resonance chamber.

1459827979-abe31b86-afd3-481b-8699-27c38506f058

A switching system for the electronic presentment and payment of bills between a Consumer and a Biller. An implantable vestibular stimulator provides vestibular stimulation signals to stimulate target neural tissue for vestibular sensation by a patient. As a result, it is possible to effectively reduce electromagnetic interference. The electric power source member includes a restriction accepting part. A fine structure using the resin composition, a production process of the

fine structure and a liquid ejection head. Natural gas or methane is passed through the reaction zone where it is subjected to the cold arc discharge or discharges and the resulting products flow out of the reactor and solid carbon particles are separated from the remaining gases that are then analysed.

1459827979-bb921acf-c722-45ec-8e7d-f2b906c5876b

A system and method for automatically segmenting bone regions from Computed Tomography Angiography volume data is disclosed. Each edge node is time-locked to each optical switch plane to which it connects to enable loss-free time-sharing of the network core despite the absence of buffers in the core. A second Class AB amplifier circuit is in communication with the bias circuit. A detection circuit is coupled to the replaceable component and generates an output signal indicative of the presence or absence of an electrical coupling that is established when the replaceable component is installed.

1459827980-0ee60376-65ba-4a05-8e16-c45de784cc70

A bedding assembly including at least one fitted sheet having a head end and a foot end for covering a mattress at least one flat sheet having a head end and a foot end for covering said fitted sheet, and stitches connecting the fitted sheet to the flat sheet along at least one edge of the foot end of the fitted sheet. The circular grill grate has a lip along a periphery of said grill grate so as to prevent items from rolling off of the circular grill grate either from rotating of said circular grill or otherwise. A microphone pattern processor derives a reference signal, a null signal and a core signal from the sampled signals. When a prediction has a minimum level of confidence, a corresponding action can be performed automatically by the device when the relevant factors are met.

1459827980-993fdc36-ec1f-4d45-aa1a-711aed385898

A hard mask composition includes a solvent and an aromatic ring-containing compound represented by the following Chemical Formula 1:. The method includes the step of determining the total return, risk-free return and common factor return associated with the asset over the performance period. A casing surrounds and encases the chassis so that the ink supply arrangement is unable to be accessed without destruction of the casing. The inhalation device also includes an improved implement for puncturing the receptacle, requiring less force and experiencing fewer failures. While the development member is rotating, the processor receives the measured currents and computes toner concentration using the respective received currents and the pixel data. The second cover has a second curved portion with an exterior surface that is curved around the longitudinal axis.

1459827980-b64383a8-cadc-44a6-8552-9e031461e381

A method of treating and recycling solid waste polystyrene packing material by dissolving the solid waste polystyrene packing material in a dimethylbenzene based solvent to obtain a homogenous and viscous fluid which may be used as an adhesive material or a coating material. The personal user control device provides a user-friendly interface system for interacting with the information system. According to the method and system disclosed herein, the media player and accessory may utilize a plurality of commands in a variety of environments such as within a connector interface system environment to facilitate the transfer of status information.

1459827980-fc675b8a-3e15-4e32-b6e6-fef1c9ce321f

An AD converter capable of achieving both an improved processing speed and a reduced circuit area in good balance. The artificial grass surface includes a pile fabric having a plurality of pile elements extending from a backing mat and resembling grass. A fringe portion of the superficial skin member is overlapped to a back face of the flange portion to be joined to the flange portion. The optical assembly may project images onto the electronic display, portions of the cover, or other surfaces. Full insertion of the spline to engage the exit port locks the spline in position and the interior half's proximal end prohibits the unscrewing of

the pipe joint. The micro-optic structure is located at a predefined position on the web, and the eye-mark is located at a fixed position with reference to the position of the micro-optic structure.

1459827981-ff97a344-fc67-47f6-bc45-18318cc5f034

This invention allows the encryption side to set whether an image playback apparatus should play back image data in a scrambled state or a non-scrambled state. One of the heads includes a cam surface that is translatable relative to the head. The beam is passed through a quarter waveplate retarder and a polarizer. Moreover, the movement of the video image to be displayed with respect to the preceding video image is estimated so as to generate a movement vector for each pixel of the video image. In another preferred embodiment, the total number of crown facets is 64, making a total of 122 facets. The first and second resistive bridge circuits share at least a portion of a common reference leg that sets a resistance of a first and second variable resistors.

1459827982-e35bd26c-b038-4a28-8e8c-a983bc666d77

A media exchange monitor is disclosed that selectively introduces a mixer into a two-party call when the two-party call becomes a conference call, and removes the mixer when one or more conference call participants drop out, leaving only two participants behind. When the moving speed of the user is considered, power efficiency is increased by optimizing a GPS reception period in terms of hardware and system load is decreased by reducing an unnecessary system operation in terms of software. Still other embodiments may be described and claimed. The computer maps seats within the captured image to determine a specified seat. In one embodiment of the invention, a system includes at least one water lifting unit that fluidly communicates with a groundwater source, and a gas generator that is fluidly coupled to the at least one water lifting unit to generate a gas that buoyantly moves water from the groundwater source to a water consumer. At least one of the properties of the operating element changes when coming in contact with a liquid so that the opening can be exposed by the closure element after cooperation of the operating element with the closure element.

1459827983-7e94823d-6c6c-4a93-91ac-9256ff8f7543

A game cart bicycle attachment device is provided that is configured to secure the handle end of a wheeled game cart to the seat post of a bicycle. Compensation parameters are derived from measured results per a weight of a work and stored. This specimen can be retrieved from the memory of the computer system for training purposes. This structure can then be combined with a gate electrode and an anode to create a field emission display device.

1459827984-b1b3a016-c6fd-4451-9824-f312d27daf38

In a reception apparatus 1, a multiphase sampling clock signal is generated by a sampling clock signal generation circuit 40, based on a clock signal which has been phase-adjusted by a phase adjustment circuit 50. In situations where the transmission channel is bandwidth-limited, the use of the tri-stating technique allows for the complete transition to the supply rails during the given bit period. The output of the apparatus includes a resonating circuit with inductor L, transformer 14 and a small high voltage capacitor C2. The terminal is crimped to the electric wire so that the end surface of the inclined sheath section faces a base plate section of the terminal. Further, the volume of a font table is diminished by means of combined use, as pointer tables, of a first pointer table from which unused character code areas are removed and a second pointer table which specifies an address positional relationship between the respective character code areas achieved before removal and the respective character codes achieved after removal. According to the invention, the fuel metering device includes a control valve having a valve piston which is actuated by an actuating device.

1459827984-bf9c1e8b-3d4d-4559-a2e7-bdb70c565baa

A battery monitoring system and method in accordance with the principles of the present invention, a capacity of interest is determined. The system also provides consistency checking between the measurements. The body is rotatable about the axis of rotation.

1459827985-22083ea6-083f-4d25-81d1-28a001117baa

The present invention provides compounds useful for the detection of the enzyme tripeptidyl protease I. The surface pad system also includes a pad core received in the interior region of the cover to support the patient. Additionally, the memory device includes a second power input to receive a second voltage. The flexible bag is made from a mesh, through which contents of the flexible bag are visible. The first sourcedrain region includes a Schottky diode junction with the body region and the second sourcedrain region includes an n-p diode junction with the body region. To accelerate call setup, checking functions are carried out during voice mode connection of the call.

1459827985-81d18d5e-907d-42ab-8381-30f9886d388e

A martial arts training device comprising a stand having a base and at least one substantially vertically extending arm extending up from the base. First group nozzles inject combustion gas in opposite directions along a first axis. Further, a control is provided to operate the compressor at a different speed than the turbine, at least under an operating condition, and to adjust an amount of opening overlap between engine valves in response to a rotational speed of the compressor. The primary and secondary replicas may append the record to the data, possibly at the same offset. If the querying endpoint wants to subscribe to a feature that is located at an endpoint in the private domain, the querying endpoint interacts with the relevant endpoint without requiring the further assistance of a server. Searches of the database will be performed by on-screen manipulations of the aspect cluster-positioned music items.

1459827985-8d3062f6-1204-4dd8-ad83-8c8bfb2c11c9

Systems, methods, and computer-readable media for navigating search results are provided. Parity bits are selected by a procedure using data derived by optimization using simulation of a single-channel system. For example, the method can comprise preventing the agglomeration of particulate material comprising coal and the adhesion thereof to surfaces in subfreezing weather.

1459827985-ba131126-d855-4e75-9d95-e88db250fff0

Embodiments of a communication circuit are described. One of the two plate pieces is exposed to the mounting surface of the solid electrolytic capacitor, while the other is perpendicularly erected to an anode lead. The grasper device translates proximally relative to the outer lumen such that the needle is translated into the outer lumen, wherein the outer lumen tends to straighten the needle from the curved resting state. The recess forms a seat for housing a projecting matching body on the base holder.

1459827986-935b8446-d8f6-40a2-b3b6-29a5eedf095d

An object of this invention is to correct the non uniformity between a plurality of image sensing regions in real time and cope with even dynamic variations such as temperature variations or variations over time. During operation, the system receives a request to switch a signal source which drives the display from the first graphics processor to the second graphics processor. The key touch member 11 comprises a base 11b made of an ABS resin, and a hydrophilic polymer 11a added in the base 11b in a dispersed manner. Then communicating the allocation of data bursts to a transmitter that includes the allocation of data bursts in the macro-diversity region of a data frame transmitted by the transmitter. The control lever can position the plunger to fully extended into the arcuate notch portion for fixing the movement of the tubular handle; and can position the plunger to partially extend into the arcuate notch portion for freeing the handle to pump the



hydraulic cylinder; and can retract the plunger from the arcuate notch portion for folding the handle over the hydraulic jack.

1459827986-f3a74266-d3a1-4058-a316-4f46619d171a

The present invention relates to a method, device and system for solving channel collision, which are applied to a Long Term Evaluation Advanced system. The docking system comprises a first circuit located in a robot. Lateral motion is controlled by directing the leg angle at touchdown, which determines the angle of takeoff.

1459827987-5b717bfd-0f86-425d-a285-64db6ac08e7d

The related applications include Unitary Dental Implant, U. The sliding surfaces each have base surfaces and microscopic dimples or grooves which are so constructed as to prevent reduction of flow resistance to the lubricating oil passing through a clearance between the sliding surfaces and assure a lubricating oil film thickness required for reducing friction loss between the sliding elements. When a backend server is detected to have been overloaded with requests, a different peer server is selected on the network to take over processing of the requests from the overloaded server. The module provides for a module cover without fastener openings or holes. Sets of file descriptors identified as ready for communication by the parallel system calls are combined and returned to a calling process.

1459827987-77635e7a-8768-4018-b9d6-27d646be0061

Electro-optic modulator and related device structures which can be used in conjunction with high EO materials to lower switching voltage and improve related performance parameters. It also relates to a monitor module, a monitoring unit and a monitoring system, comprising such a spectrometer module for use in monitoring an optical network. If the content-request is background-generated, for instance, the server may select a smaller quantity of content, since the device user might not be actively involved with the download. There is also disclosed the base sequence for the expression of a therapeutic gene, said sequence being shown in any one of from to and capable of directing the expression of the therapeutic gene specifically to squamous epithelium:. The printer has a front door which provides access to the inside of the housing. The process also includes causing the representation to interact with the control based on the recognized gesture, and controlling a telecommunication session based on the interaction.

1459827988-20bc6649-6bf9-4747-b1f6-383ce7500afd

An electrical connector to be mounted on an exterior PCB is disclosed. The side members are assembled into a rectangular structure with the members positioned to stand vertically upright on their edges. If the condition is satisfied, image data which is stored in a memory by the previous read operation is read out and printed. The protected copy of the decryption key is accessed. The enlarged top has a roughened outer surface to permit an escape of air from the space between the containers. The external source is designed to calculate the particular motion vector field based on a motion vector field which was provided by the motion estimator of the image processor.

1459827988-30a2d835-9773-4f6b-88c8-a6e475557f9e

The present invention allows enhancement of a microprocessor's performance. The invention also relates to the compositions containing such a compound for the dyeing of keratinous fibres and the method for using said compositions. A mounting hole defined at an end of the mounting portion. The method includes the steps of launching playing pieces towards a goal region; re-launching each playing piece that is not in the goal region if all goals contain at least one playing piece; scoring a point for each playing piece not in the goal region; and adding a penalty to the point score if there is any goal which does not contain a playing piece.

1459827988-89524c2e-710f-4f08-b44d-afa8b75ecd53

A noise or vibration control system improves the quality of adaptation estimates by

filtering the input signals to the adaptation, selectively implementing a dead-zone during which adaptation does not occur and by selectively adding a dither signal to the control commands. In a preferred embodiment, improved thermoplastic polymer blends are provided comprising from about 35% to about 85% isotactic polypropylene and from about 30% to about 70% of an ethylene and propylene copolymer, wherein said copolymer comprises isotactically crystallizable propylene sequences and is predominately propylene. A multiple roots navigation system permits the user to bypass irrelevant pages while reducing the amount of information presented in the navigation pane. In another embodiment, the wire trace coupling a user control interface button to the printed circuit board may be configured to serve the dual purposes of coupling the user control interface button to the printed circuit board; and functioning as an antenna capable of transmitting and/or receiving wireless radio signals.

1459827989-105a658e-c6ea-4ba5-8aa0-b1063d0c21ec

Provided is a dehydrator that requires no excessively large apparatus structure and achieves cost-saving while maintaining suction efficiency at a desired level by use of suction means. 5 gcm<sup>3</sup> or larger, and the nonaqueous electrolyte contains a compound having two or more nitrile groups in the molecule. The holder hooks are in contact with a rare earth magnet block resting on the platform. Automatically, instructions in a test language are generated. The through holes are filled with a conductive material such that the conductive material within each through hole is electrically connected to corresponding one of the pads and a portion of the conductive material is exposed and protrudes from the back surface of the wafer.

1459827989-10fbd3ea-6ab4-4c18-a78d-42af3ad4163a

Char-handling processes for controlling overall heat balance, ash accumulation, and afterburn in a reheater are provided. Encoded data from flash memory may be used to generate a number of data streams. In the formula,  $\text{R}_1$  and  $\text{R}_2$  separately represent a substituted or unsubstituted arylene group having 6 to 13 carbon atoms; n and k separately represent 0 or 1; Q1 and Q2 separately represent sulfur or oxygen; and R1 to R22 separately represent hydrogen, an alkyl group having 1 to 12 carbon atoms, or a substituted or unsubstituted aryl group having 6 to 14 carbon atoms. , in particular in the temperature range from 600°C. An example residential gateway comprises a radio frequency detector to detect a presence of a cellular communication device, a service controller to enable a VoIP communication device when the cellular communication device is present, wherein the VoIP communication device and the cellular communication device are different devices.

1459827989-f94249e6-810a-490a-82ff-6671e32ce9b0

A method for providing information with digital images includes receiving a digital image of a subject, the digital image including as metadata a geographic position of the subject and other information associated with generating a path to the subject. The wavelength conversion plate includes a dielectric layer with nano pattern, a metal layer formed inside the nano pattern, and a wavelength conversion layer formed on the metal layer and having quantum dot or phosphor which wavelength-converts an excitation light to generate a wavelength-converted light. A local interconnect extends through the upper isolation layer and connects the field shield to a selected doped semiconductor region of the device. The profile may contain multiple curved segments that effectively lengthen the signal conductor without significantly impacting its impedance. A slider may also be included in laminate lanyard for adjusting the size of the loop.

1459827990-183cac68-0583-48c7-81fa-1bc57dfbbb5f

A system is provided for the collection of measurements for use by a surface profiling processing scheme. The battery station may permit battery life to be reloaded onto a UAV, which may include recharging a battery of the UAV or exchanging the UAV battery for a new battery. The diffusion barrier layer may prevent chemical interaction between the aluminum foil substrate and the electrode

layer. The light controller is coupled to the event notifier and the illumination means. Pure carbon in the form of graphite or soot is added to the reactant mixture to generate the desired heat. Pharmaceutical compositions comprising these compounds, methods of treating diseases mediated by kinases utilizing pharmaceutical compositions comprising these compounds, and methods of preparing them are also disclosed.

1459827990-1993e24d-df64-44fe-a83b-121e383ff09b

The present invention provides a chewable composition containing granules of water-soluble dietary fiber. The data base layer reads TMP\_VMGI which is intermediate-state management information for the DVD-RW, and provisionally registers a file system into the UDF file system layer with reference to information included in the TMP\_VMGI. A contact-retaining shell of one of the connectors includes an integrally formed insertion plug having cantilever elements that electrically contact a conductive surface of the mating connector to provide a low-impedance pathway between the shell and the mating connector for purposes of grounding and/or shielding. The invention enables the use of stroboscope lamps in commercially available microscopes, which otherwise are not suitable for stroboscopic examinations. One edge is mounted upon the cover to drive the cover to move relative to the base, and the other edge locks the base when the lid is located at a close position relative to the base.

1459827990-ff17dddc-e208-4e78-aa58-de8f77801fcb

A method is provided for patterning a semiconductor region, which can be heavily doped. By this, even when the even pixels are saturated and signal charges overflow from the even pixels, and therefore, part of the signal charges intrude into the odd pixels adjacent to the even pixels, an adverse effect of blooming due to the saturation of the even pixels to signals of the odd pixels is eliminated since the reading operation performed on the odd pixels has already been completed. Three leg members extend between the upper disc member and the base ring member. The vehicle includes a chassis and an engine and cab mounted on the chassis.

1459827991-59373c9e-dd78-49b1-bda0-637817c67d5f

A cardiac rhythm management system provides both a safe maximum pacing rate limit and a physiological maximum pacing rate limit. The substrate has a top face and a rear face electrode forming portion opposed thereto, and is translucent to light in a first wavelength band. The pass transistors can be controlled, for example, by values stored in memory cells of a PLD. The invention is effective at stripping photo-resist and removing residues from low-k dielectric material used in Damascene devices. In order to improve the hybrid drive-train, particularly with regard to an operational mode that is highly dynamic, the electric machine arrangement is arranged approximately central in relation to the transverse direction of the vehicle. Said process allows at least a part of the aqueous stream coming from the Fischer-Tropsch reaction to be used as process water in a synthesis gas production plant, subsequently sent to a Fischer-Tropsch plant for the production of hydrocarbons.

1459827992-1ea412b5-e1e9-404a-b922-f72856fc74b8

A method and apparatus for interleaving multiple frames of data as disclosed provide for an extremely streamlined approach to achieving both methods of interleaving as defined in the IS-2000 standard while meeting the complex requirement of frame puncturing. This configuration allows the high-frequency knife to be maintained at different projection lengths based on the stopper making contact with the first abutment member and the stopper making contact with the projection-length-adjusting member. A single column select line may be provided to select a plurality of cached bytes, while a second select line selects a byte of the selected plurality. The device also has a transmission system for tracking predetermined objects. Preferably a first path is an interleaved path for video-on-demand with a lower bit error rate, with a second path being a non-interleaved path

with a lower delay for Internet Protocol telephony.

1459827992-87456118-8f9e-401d-b594-31623444e7d3

A face mask includes a first cloth-like piece, a pair of second cloth-like pieces, a pair of connecting piece for connecting the first and second cloth-like pieces, and an upper edge member for comfortable use and restricting excessive extension. According to the method, a group of metal pads and a group of LEDs are provided. The method then builds a keyterm index from the one or more content elements, and stores the keyterm index in a repository.

1459827992-c2681dc9-4af8-4ee7-ba0f-327e0f199c25

A digital camera has two imaging units. The magnet assembly may pass through the target center, thus allowing full target coverage. The IMS components may include a transport component for facilitating communication with an IMS core network. A mobile device initiates a subsequent multiple PPP connection by specifying the IP address of an initial connection in the IP Address Configuration Option during IPCP negotiation for the subsequent connection.

1459827992-def54567-9097-4046-af31-270173e8095a

A facility for performing an access control check is provided. A dual-hinge arrangement is utilized to maintain the slide in a horizontal orientation. A bunk assembly is fastened to and is adjustable on the bunk bracket in directions perpendicular to the directions of adjustment of the bunk bracket. By utilizing this assembly, the amount of concrete the patterns needed in a turnout is reduced.

1459827992-ef8424fc-9d12-46b3-8508-f26ff1ce6c9f

Disclosed are algorithms and agent-based structures for a system and technique for analyzing and managing the airspace. In order to prevent the piston from being blocked in the valve housing by the expansion thereof caused by the pressure part embedment, the pressure part and/or the control piston is/are provided with radial recesses in the embedment area which make it possible to limit joining forces and the resulting radial expansion of the piston. Disclosed event detection circuitry can be used to generate event timing data representing one or more phase variations in detected events. The cavity is placed subcutaneously within the patient. The LCD panel is sandwiched between the mounting bracket and the movable bracket and visible via the opening in the bezel. The method also includes calculating a ratio of the change of the counted number with respect to a change of the battery voltage, and determining a first peak point of the calculated ratio.

1459827993-4c510aeb-1e19-48d8-ab25-d41c24e6263e

Extending high k material of a second dielectric layer to surround at least one thru-via designed to provide a signal other than a power signal to a die may eliminate discrete AC coupling capacitors to reduce cost and improve performance of the package. The method comprises the steps of receiving a first component of a document over a first communication channel, receiving a second component of the document over a second communication channel, and combining the first and second components of the document at the mobile terminal. The spectrometer consists of an entrance slit, a combined diffraction grating/focussing element, and an exit slit. The intake passage includes an intake passage portion having an upper section extending upward substantially in the vertical direction and an intake passage portion arranged to continue from the upper section of the intake passage portion and have a section bent in the lateral direction of the vehicle body. The system includes logic configured to adaptively select a tone on which the pilot sequence is transmitted based one or more conditions in the transmission system.

1459827993-e62fe3fe-f9bf-4d06-9d84-f17097f8413d

A telescopic snap valve assembly and method of assembling a snap valve with a liquid holding bag in a box fitting. The interposer includes an interposer base having first and second surfaces. The nanotube regions are arranged to contribute

to heat transfer from the semiconductor device die to the heat-sinking support structure.

1459827994-69af93aa-c39d-43a0-9a6b-47251de17aa1

A pixel electrode connected to a signal line through a switching element and a common electrode connected to a common wiring are disposed, as alternating with each other, within each pixel region. The deflection electrode assembly includes a high voltage electrode, a low voltage electrode, and an insulating housing which positions the high and low voltage electrodes in a predetermined spaced relationship along the ink drop stream. In the slave ECU, a signal separation circuit individually receives a CAN communication signal and a serial communication signal transmitted to the CAN bus, while an input/output control circuit to which the serial communication signal is input as the power supply control signal outputs a signal to the power supply circuit to control power-on/off of the microcomputer. During other parts of the cycle an ac inverter voltage is rectified by active switching devices, preferably field effect transistors.

1459827994-6f7ae259-1425-4167-a130-52e540486bd9

The present technology is directed to prodrugs and compositions for the treatment of various diseases and/or disorders comprising methylphenidate, or methylphenidate derivatives, conjugated to at least one alcohol, amine, oxoacid, thiol, or derivatives thereof. Disclosed methods may further comprise determining an exposure parameter of one or more component image data sets prior to acquiring the sequence of image data sets. Ultra-short pulsed laser beam is irradiated in a predetermined pattern directed at the second surface and passing through the substrate, focused on the chrome layer or on its proximity. In the recording pause mode, the video signals are stored in the memory by cycling through selecting storage addresses, and the recording of the video signals is terminated.

1459827994-8435dfc0-ae7a-4ad7-bdd3-68fb2c25e616

A semiconductor device manufacturing method, includes the steps of forming an insulating film over a semiconductor substrate, thinning selectively a thick portion, whose film thickness is thicker than a reference value, of the insulating film, forming contact holes in a thinned portion of the insulating film 25, and forming conductive plugs in the contact holes. In one embodiment, the first and second signals are split prior to inputting the signals to the first and second output amplifiers, and a gain-adjusted portion of each signal is added to the other signal on the inputs of the output amplifiers. Therefore, the present invention can implement 2-bit cell or 3-bit cell of a high density using the existing process technology.

1459827994-b8d6f2f2-0df8-43e2-9797-8ef843f3e4e4

An aerosol deflection system having a concentration zone expelling an air stream through a first detection zone, a second detection zone, and a deflection zone. In one example, a key for the configurable lock on at least one data report associated with at least one customer problem is generated. A photoresist is deposited on the conformal conductive inorganic thin film over the gate structure and filling the reentrant profile. If so, the first processor may generate an authorization signal that includes information that is securely coded, and which is indicative of the determination. Each of the bearing assemblies having a sealing face overlying the end faces and biased into engage with the end faced by a pressure compensating seal located between the bearing and the housing.

1459827994-fcda369b-67d5-4b22-aa6c-fdc722409bf8

A blue electroluminescent polymer having an indolocarbazole unit in the backbone of a polyarylene polymer and an organo-electroluminescent device using the same. Furthermore, the invention relates to a blade connection and a fastening element for a blade connection. During implant of the medical device, the lead is inserted and a shaft is rotated with a tool to engage the seals. Simulation results show

that the extended RTSP method further improves the accuracy and energy consumption, i. The probes can also contain a minor groove binding group. What is described are compounds of the formula I, in which the radicals are as defined, and their physiologically acceptable salts and processes for their preparations.

1459827995-1a37569a-494a-4008-9cd5-e567f8e7f681

A power control system with a pseudo-power up, an aircraft including the power control system and a method of controlling power in an aircraft. The generated ultra fine particles can be efficiently sucked up into a transfer tube regardless of an arc voltage, and the resulting film can be stable in shape. A residual static imbalance is then determined after attachment of the corrective weight. Alternatively, germanium is implanted into a top portion of the silicon layer to form an amorphous silicon germanium layer. An aggregate difference measurement is also computed and is used to determine whether parity exists.

1459827995-ac86bd2c-7156-438f-b4c7-12c227bb22fd

A plurality of non-volatile storage elements on a common active layer are offset from neighbor non-volatile storage elements. The rear down frame member integrally has an arm supporting the main frame and a gusset reinforcing a joined portion of the main frame to the head pipe. The computing device includes a memory operable to store one or more modules. Beginning with the first or lowest level cart in the system, each successively higher cart is also wider and longer than the cart immediately beneath it. , in animal models of psychosis.

1459827995-b91a96ef-2f18-48c9-9043-3f6a3072ab42

A method and apparatus for configuring a server in a distributed data processing system is provided. Flexible tangs formed at the distal end of the blades cooperate with a movable member to hold the contacts closed when the contactor is in the closed state. More specifically, in one aspect, an oil-based fluid polymer suspension composition for use in oil or gas well servicing fluids is preferred containing:.

1459827996-4e1b39b5-149a-46ad-aaea-22f90f7d49de

A VDSL customer drop testing arrangement and equipment utilizes a test set top box having a sign-on identifier unique to an authorized test device to perform testing of the customer drop without the need to provision the drop for receipt of video programming or data services from any network information or service providers. Each S-machine is a dynamically reconfigurable computer having a memory, a first local time-base unit, and a Dynamically Reconfigurable Processing Unit. The source data includes a portion of a source image, and the source image includes an image of the background and a foreground. This description is not intended to be a complete description of, or limit the scope of, the invention. A first end of each rotation stand set is fixedly disposed on the rotation base. The rotating member is installed penetrating the first through hole and the second through hole and has a contacting portion located within the second through hole, wherein the position block is capable of being pushed by the contacting portion and moved along the transverse axis-direction of the plug body for disengaging the first rack components from the second rack components.

1459827996-755ef714-0c66-43ae-81bf-0484428097f3

Systems and methods for automatically applying fairings to a cable as the cable is deployed from a winch are provided. The particles are useful as proppants in fractured a subterranean geological formation comprising hydrocarbons. The method selects a transformation function T for reducing dimensions of the n-dimensional space by space-filling curves mapping said n-dimensional space to a m-dimensional space.

1459827996-a9e344e6-57ed-4308-9c02-0c3b7c1f27a0

A multiple tubes combination structure for being assembled with air tubes of an

airbed is disclosed, wherein a plurality of tubes are assembled in a combinational structure. The method includes receiving an assignment of first timeslots for uplink communications, and receiving an instruction to reduce monitoring to a set of timeslots. The anchorage pier assembly comprises a gravity block and the first clamping tool, and the first clamping tool connects with the cable.

1459827996-d1094c61-cf86-40f7-901c-0b2441ff9204

An orbital wastewater treatment system generally including a tank assembly and at least one impeller in the tank assembly for moving mixed liquor under process about the tank assembly is provided with an wastewater inflow sensor, an impeller power meter, and a control unit for periodically and incrementally varying impeller speed and weir height in order to reduce energy consumption. The temperature mapping balloon comprises a balloon with a thermal mapping coating disposed on the inside or outside of the balloon. High frequency voltage is then applied between the active electrode and one or more return electrode to non-thermally generate a plasma adjacent to the active electrode, and to volumetrically remove or ablate at least a portion of the target tissue.

1459827996-e331edb7-f9be-47f6-9064-8c2446121c18

A method of producing nitride based heterostructure devices by using a quaternary layer comprised of AlInGaN. Small amounts of solute are introduced into the conductive metal layer before polishing, resulting in a material with electrical conductivity and electromigration properties that are very similar or superior to that of the pure metal, while having hardness that is more closely matched to that of the surrounding oxide dielectric layers. The said microbial consortium is unique in producing a variety of metabolic products mainly CO<sub>2</sub>, methane, biosurfactant, volatile fatty acids and alcohols in the presence of specially designed nutrient medium. , from detergents, bleaching, relaxing, dyeing, and permanent waving, and heat, e. The image substrate can be adhered to an external surface of the front sheet so that the front sheet forms a rigid backing for the image substrate.

1459827997-273a2deb-4328-4cd8-9cff-4430dddc7589

The present disclosure is directed to communication systems and more specifically to communication devices having encoder and/or decoder blocks employing Low Density Parity Check Convolutional Codes. The silicon layer may be epitaxially grown on the substrate when implemented as sapphire, or bonded to the substrate when implemented as alumina-TiC. Each module includes a reflector comprising single crystal silicon and a reflector surface lying in a reflector plane substantially perpendicular to the substrate surface. The fluid-to-air heat exchanger heats airflow through the thermal simulator, with temperature of airflow exhausting from the simulator being tailored to correlate to temperature of the heated airflow exhaust of the electronics subsystem, rack or row of racks being simulated.

1459827997-8115bf16-6af2-4116-9d91-6392b2344c22

A JTAG-programmable IC includes a memory array having redundant columns, a partial-width data register, and a full-width bitline register. The present invention permits the accommodation of changes in communication resource availability due to link, equipment, or software failures or communication bandwidth resources being used by other collaborating programs. A feedback loop reference signal may be generated from the input signal and a coarse calibration signal may be generated from the feedback loop reference signal. The tool is adapted to install the fastener to the workpieces when the tool is in its engaged position. The base station includes a data transmitter configured to transmit the downlink data to the mobile station; and a control information receiver configured to receive from the mobile station through a path passing through the second base station, feedback information concerning the downlink data transmitted by the data transmitter. In particular, the low-power transmitters are arranged to simultaneously transmit a common information stream, and the transmitters are caused to transmit in a coherent manner.

1459827997-8fe9adde-d31a-4486-8640-e2c7747b543c

An electrochemical capacitor including a separating layer on a support. The methods employ drilling fluids comprising fragile gels or having fragile gel behavior and providing superior oil mud rheology and overall performance. A cooling air passage is provided between the holder and the circumferential wall to guide part of the air circulating inside the spiral casing to the motor. MMR models using extension parameters incorporating neighbor pixel relations are also presented.

1459827997-e4b6a0cc-d2b5-4d8c-a287-eb6d39edf5d3

Methods are provided for effecting functional control of program flow and/or data flow in digital signal processors and in processors which have closed and separated modules for effecting the program and data flow control or which operate in parallel arithmetic-logic units. A first probability distribution of word alignments within a first corpus comprising unaligned word-level parallel segments according to a model estimate is calculated. Vertical and horizontal adjustment units enable inter-shaft distances D1 and D2 between the input connection shaft and the output connection shaft to be changed. Further the transparent member may be curved to fit a body part of a patient receiving phototherapy. The controllers maintain a channel plan for sequencing the sweeping of consecutive channels. Methods for making the medical devices consist of either providing or forming a scaffold, then depositing a metallic or pseudometallic film cover onto the scaffold in such a manner as to form an integral, substantially monolithic junction between the deposited cover material and the scaffold.

1459827998-35893bea-2538-4e33-94df-9eb4b76220b3

A method of acquiring information on a resource region for transmitting PHICH and a method of receiving PDCCH using the same are disclosed. Also described are a method of preparing the composition, a cured composition derived from the curable composition, and an article comprising the cured composition. The core module and the sleeve each include various features providing for a minimum overall size, ease of insertion, removal, and cleaning, and enhanced sound transmission.

1459827998-6bd60335-c2bb-456f-9d68-a3bf07817bb1

An apparatus for processing medical waste is provided. The disclosed architecture employs techniques that exploit the availability of positive and negative examples to search through this space and suggest an initial record matching query. The VIPA generator receives an input light at a respective wavelength and produces a corresponding collimated output light traveling from the VIPA generator in a direction determined by the wavelength of the input light, the output light thereby being spatially distinguishable from an output light produced for an input light at a different wavelength.

1459827998-72b495e2-8726-4ba0-8ce6-99a2bc663256

A method for automatically generating a network topology for a directory service is provided, wherein the topology represents network sites and site links in a distributed computing environment. The secondary of a transformer drives the CCFL, with the primary of the transformer being driven through a capacitor from a full bridge. The user can generate personalization logic based on the personalization information.

1459827998-85b7427c-dbf4-4096-a9a0-33bb6999aaaf

The present invention provides a combinatorial approach for preparing arrays of chemically sensitive polymer-based sensors which are capable of detecting the presence of a chemical analyte in a fluid in contact therewith. The post-tensioning apparatus includes a post-tensioning cable slidably inserted into a cable chase disposed in each of the board sections, and a cable tension adjustment for selectively coupling the sections into a configuration for use of the board or for separating the board sections so that they can be folded into a compact collapsed



configuration. Accordingly, when light emission occurs, such a compound has high resistance against Joules' heat generated in an organic layer, between organic layers, and between an organic layer and a metallic electrode, and has high durability in high-temperature environments. The bulbous end portion has a valve needle smaller than the bore to inhibit obstruction to the discharge passageway for adhesive flowing thereto.

1459827999-2c7f9b01-f293-4425-a47e-6ac1e2f69229

With embodiments disclosed herein, the distribution of gated power is done using on-die layers without having to come back out and use package layers. A swirler inlet is axially open to and positioned substantially normal to the bypass flowpath and a swirler outlet is open to and positioned substantially parallel to the exhaust flowpath. Determination of an effect of the test agent on the sulfotransferase is by detecting the amount of sulfate in the polymeric sulfate acceptor that has been separated from the reaction solution. The first current is to be directed through the first diode and the first resistor. The following conditional expressions are satisfied as for Abbe numbers  $vd_1$  and  $vd_2$  of the first lens and the second lens and Abbe number  $vd_4$  of the fourth lens. The interleaved frames provide a higher effective frame rate with improved temporal resolution which is based on the accurate interleaving of the data from the plurality of physiological cycles.

1459827999-2e91ed21-ca99-47b1-ac48-9366e5145970

The invention concerns a plate for fuel cell, in particular of the ion-exchange membrane type, comprising supply channels connected to an intake orifice arranged in the center of one of the surfaces of the plate, and discharge channels wherein circulate respectively a reactive fluid stream with relatively high concentration and a reactive fluid stream with relatively low concentration. The motor includes a stator including a high-temperature superconductor material at a temperature. To determine the substitute signal, a static substitute value is defined on the basis of variables that characterize the operating state of the internal combustion engine. A pair of biased locking means each comprise a biasing means, such as a coiled metal spring, and a hook engagement member, such as a glass marble. Without flight, two MCG's are placed head-to-head so that the vortex wakes emit in opposite directions. To increase the rate at which the bed is inclined, ramps are placed between the extendable support bar and the bed.

1459827999-87c9c00b-de0f-487a-ae9a-443ccfc78b49

In a display apparatus of a hold type represented by a TFT liquid crystal display, blurring of dynamic picture when the dynamic picture is displayed is improved. 5 to 5 wt % of a C4-C8 alpha-olefin which has a natural density of 935-956 kgm<sup>3</sup>, a melt index MI5 of 0. Each of the switching elements includes a monocrystalline silicon layer. A service running on the network device is identified from the decoded packet or subsequent packets that are read, decoded and analyzed.

1459827999-b299b8ca-16d4-4a33-96f2-1726452b863d

A system and method for unloading a viscous product from a bag constrained by a bin where movable scrapers are utilized to increase the amount of product evacuated from the bag, to prevent damage to the bag containing the product, and to ease removal of the pump after pumping is complete by breaking the vacuum created during pumping. A signal received from an antenna is fed through an analog part and a subsequent digital part of said receiver. The first mirror controller and the second mirror current controller respectively control a first mirror current and a second mirror current about an estimated extremum point of the control surface to substantially maintain alignment between each of a first mirror and a second mirror, and an associated cavity mode. The iris lifted up from the lens to remove the build up of escaping pigment on that layer to let the fluid flow out at a normal rate to drain out of the trabecular meshwork and then the iris is lowered and the incision in the sclera is closed.

1459828000-0a32aa7d-6138-41c5-a2c0-e668e1b7fcb3

Disclosed is a novel game system, comprising a computer device; a game platform to communicate with the computer; and at least one game control module to detect environment data and to transfer the environment data to the game platform. The computer receives an initial digital data set representing the patient's teeth at their initial positions and a final digital data set representing the teeth at their final positions. Specifically, amplitude predistortion, phase predistortion and DC voltage level adjustments are made to the RF signal. The reservoir is capable of containing a protective material that can include, among others properties, anticorrosive properties. The totally reflective and partially reflective surfaces being inclined with respect to each other. According to this invention, only frames that are not so heavily compressed and therefore have a high probability of carrying enough watermark energy are folded and accumulated.

1459828000-202feb9c9-ae89-49d4-a960-d285fa857937

A method for purifying various nitrogen containing flavor and fragrance compounds is described. One transistor is connected from VSS to ground on the Q side of an SRAM cell. Each component in the portal that dynamically contributes page fragments to be aggregated to a portal page provides dynamic component specific cache information which includes component specific cache scope and expiration values. The first unknown state may be a state that already contains the target record, or may instead be a state that does not contain the record. The floor cleaning apparatus also includes a flow control valve assembly. The length of the damper unit changes as the second chamber slides relative to the first chamber.

1459828000-80f1a445-a7e6-4492-8f32-c9468a69515a

Various load and store instructions may be used to transfer multiple vector elements between registers in a register file and memory. A router capable of supporting the LDP extensions distributes neighbor-labels to be used by the router to label switch traffic destined for the directly connected neighbor router irrespective of a hop-by-hop Interior Gateway Protocol path determined based on link metrics. The cutting system includes a cutting blade, typically a rotary cutter, and a sacrificial plate or round bar contacting the cutting blade. The body portion defines a first part of a character. The display device includes a display panel having substrates, and a flexible printed circuit board having one end thereof fixed to a peripheral portion of a first side of the substrate, wherein the flexible printed circuit board forms an IF portion on which a plurality of input terminals is formed in the inside thereof in a state that the flexible printed circuit board is developed.

1459828000-90fd2726-3a6e-4c0d-8543-c3277b0e5fd6

A compound having thioacetal skeleton, a precursor thereof, a cured product thereof, and a composition for their production are provided for the thermally dissociatable material based on the inventors' finding that a thioacetal group is thermally dissociatable. One embodiment of the method is implemented in a first mobility forwarding entity and includes registering the first mobile device at the first mobility forwarding entity. The connecting area 40 is formed to have a lower electric resistance than impurity areas 42 and 44 formed in one of the of impurity area formation steps. The present disclosure also provides, in some embodiments, an intuitive means of assimilating search parameter weightings based on peer or social network preferences with global search results. Besides, a testing apparatus is also provided.

1459828001-332da671-3719-4ed7-a87f-aa51f3623a57

An inflator for inflating an inflatable device includes a housing. At least one sink periodically creates a neighboring sink list including information on at least one adjacent sink, and the sink requests node authentication to a base station when receiving an authentication request from the node and transmits its own neighboring

sink list to the node when the node authentication has been completed. The method includes the steps of telescoping upward at least two telescoping cases to accommodate at least one ice pop, placing the at least one ice pop within the telescoped ones of the at least two telescoping cases, wherein, upon placement of the ice pop within the telescoped ones, the ice pop is at least partially surrounded by a frozen liquid coolant. , and use non-print code of ASCII code to keep compatibility with a short message service function of existing mobile phone. Kinematic coupling structures are also provided for positioning the container on a surface so as to, for example, properly align the door with the port of a wafer processing tool.

1459828001-5ed9d189-4fae-4212-99a1-38f8ca7d7eae

A method, system and computer program product for limiting extreme loads and reducing fluctuations in load at session servers. The body has a top surface, a bottom surface, and a polygonal drive surface interposed between the top surface and the bottom surface. A gate region is disposed above the source region and adjacent the body region. The drive assembly can be mounted stationary to the drive tower, or it can be mounted on tracks so as to move vertically together with the screw pile. A plurality of terminals is received in the insulating housing.

1459828001-8f31a170-29ff-4c7e-824a-fb980903d8c4

A phase-frequency detector circuit is disclosed. The method includes assigning an initial score to the content of the one or more frames of data. At the same time, the present invention detects the case where the person falls onto the railroad track with stability and automatically transmits a stop signal or the like. The fluid and/or the magnetic elements move within the chamber under the influence of the magnetic field source to exert a force against a portion of the micro-device workpiece. A dependencies file specifies a set of dependencies among the modules of the system. The probe includes a relatively short shaft and an inflatable therapeutic element.

1459828001-a4d9948a-3450-4565-8f64-8bfade680490

Electric charges, which have been generated in a recording photo-conductor layer having been exposed to radiation, are accumulated at an accumulating section. According to various embodiments, the swell devices disclosed herein can be used alone or in combination with one another to provide heat and/or fire protection for electrical systems, devices, and/or assemblies. A first coupling device is affixed to the outer surface of the first mechanical housing of the first transducer device.

1459828001-f0328236-39d6-4315-b6d4-fe34c3085755

Provided is a method for producing surfactant granulates, comprising providing a mixture of anionic surfactant acids and builder acids having a weight ratio of 1:100 to 1:20 of builder acid to surfactant acid; and contacting the mixture with at least one solid neutralizing agent. For a federated search, a location description may be used to describe the location of each data source searched, and may further be used to connect the user to that particular data source. , enabling machined components to be utilized for weeks at that temperature. The information processor receives the current touch signal from the touch panel and a stored touch signal to compare the stored touch signal with the current touch signal to generate dynamic luminance information. The gap between the slits or width of slits of the light diffraction layer is preferably equal to or less than seven microns and it is possible to have two or more different widths or gaps in the range of equal to or less than 7 microns. The image display device comprises a motion detection part which detects the moving amount of an input image signal, and an edge emphasis part which subjects the input image signal to edge emphasis processing, and the image display device increases an edge emphasis degree of edge emphasis processing to an area where the moving amount of the input image signal is large.

1459828002-0c729a14-26cb-4642-9e02-3110229e51e5

A pressure reducing apparatus and a method of operating a pressure reducing apparatus are provided. The flexible body defines an internal chamber that is accessible through a small access opening. Nodes of the network are configured to selectively copy, use, verify, modify, create, and purge the network packets using file management semantics.

1459828002-23a831a3-633e-40f9-b85b-e99cc0f12a35

A disconnect mechanism for a power receptacle, which includes a disconnect block, a locking member slidably coupled to the disconnect block, and an electromagnetic device moveably coupled to the locking member. The sleeve portion defines a central void extending from a proximal end to a distal end of the earbud. Fluid is returned from the tissue processor to the fluid container via at least one fluid return aperture in the wall that separates the first and second cylindrical rings.

1459828002-ca87dc9c-154e-4201-9d80-af0e6492d23d

There has been a problem that the distortion characteristic of a switch circuit for a high frequency is deteriorated. The apparatus includes a user interface to define a query expression based on a condition and one or more parameters and to display a report of trace entries satisfying the query expression. Additional aspects of the present invention concern a user device utilizing a neighbor relation table to determine neighbor relation data, such as an internet protocol address, of a target cell.

1459828002-dce34049-3af7-43d3-a74f-afea0127b996

An assembly is provided that may be used in high data rate optical communications, such as free-space communication systems. The device includes a hollow plug detachably securable to a flexible port positioned about the stoma. The software components are selected by using a performance profile of the system, which comprises time data related to execution of the software components, memory and bus transactions.

1459828002-de8374cc-aab6-4a39-813f-ab0ad8d005ac

A window blind cleaning system for cleaning the slats of vertical or horizontal blinds of varying heights, with a user selected cleaning material placed over the cleaning heads, which the user remotely actuates to close the cleaning surfaces onto the slats to be cleaned. A single completion, which uses the same tubing string for both producing the well and delivering lifting gas to the wellbore at downhole. A system is employed for variably actuating the intake and exhaust valves.

1459828002-f91a8a32-c70c-4503-b42b-13b7c2658923

A method for monitoring the surface roughness of a metal, comprises impinging a laser beam onto the surface of a metal layer to induce the formation of a plasmon therein, and monitoring a current of decay electrons emitted by the plasmon. The system includes a plurality of wheels, an engine, an altitude sensor, a transmission, a memory for storing target engine speeds, and a processor. Furthermore, the progress of the desulfurization is monitored, using a change in a lambda probe voltage downstream from the NOx storage catalyst, which is determined at the end of a predetermined interval at the beginning of an nth rich operating phase. Similarly, the second mating section has a second set of a plurality of pins extending from a base of the second mating section and into the interior of the chamber. The user selects components from the toolbox so that the selected components are associated with the selected stages on the design surface. Also provided is a composition for reducing injury to cells, tissues or organs of a body following trauma including: and.

1459828003-31f1e9b2-b2dc-465c-94ac-bf68d684c809

An amplifier for electric guitar including a Cut control for attenuating high

frequencies whose operation is expanded via a switch to alternately function as a Master Volume control. In the recording tape cartridge, when the braking member is positioned at a rotation locking position at which the braking member is engaged with an engaging gear provided at a floor portion of a reel hub, rotation of the reel, which is accommodated within a case, with respect to the case is impeded. In the preparation step, the plate material is prepared. The module can be applied to the production of thin contactless micro-modules for smart cards and contactless electronic badges and tags. The product stream and hydrogen are fed into a reaction zone in which MSO present in the product stream and hydrogen react to form methyl isobutyl ketone.

1459828004-07f44f6e-a6e7-4817-b9a7-883379a662f3

An RJ-45 socket has a base, a circuit board, a casing and a cover. The memory hub includes several link interfaces coupled to respective processors, several memory controller coupled to respective memory devices, a cross-bar switch coupling any of the link interfaces to any of the memory controllers, a write buffer and read cache for each memory device and a self-test module. The inertial sensor has one inertial sensor mass, each mass has a wide portion and a narrow portion. The bracket includes a first wall abutting the rack, and a second wall transverse to the first wall. The third preferred embodiment measures gas density, such as, for example, density altitude. For every given number of arrays in a group, a trace-back process traces back the path followed by an encoding procedure for encoding the encoded set.

1459828004-5fe89b2e-0ed6-4121-9415-16793fffb9e9c

The retention device for retaining a fastener comprises an outer tubular shaft slidably disposed upon an inner tubular shaft. The first and second electrode are disposed to contact a sample within the sample chamber such that an electrochemical signal is generated. A first-side part of the bottom surface may be inclined upwardly towards the first edge portion, and a second-side part of the bottom surface may be inclined upwardly, in a lateral direction, towards the second edge portion. The stem portion is located adjacent the end of the outwardly turned flange portion of the airbag jump bracket.

1459828004-677fd6f1-d5d7-41e5-bff5-d3aaff8ba894

An electromagnet configured to contactlessly support a body includes an excitation amplifier configured to supply excitation current to the electromagnet, a carrier wave generation device, and a sensor configured to modulate the carrier wave and to output a sensor signal. It protects the vehicle from rain and other damaging weather and from persons who might wish to steal the vehicle or otherwise damage or vandalize it. The grooves formed by the groove forming step include grooves having a first depth D1, and grooves having a second depth D2 which is greater than the first depth D1. The discharge mouths of the tubes open into the oven chamber at the suction side of recirculation fans operating within the oven. The new variety has excellent heat tolerance and flowers that do not burn in bright sunlight. The invention is applicable to safety catheters for performing endovascular treatments by injecting embolic fluid, for example for treating arteriovenous malfunctions.

1459828005-83172191-0ae9-46ea-8b1b-48af80b20e9c

An user may define failover events in a network device by customizing the network device's response to a failure on the network. A determination is made regarding whether there is more than one Autonomous System in a network for one or more VPNs. All components of the drying oven that come into contact with the product do not have to be removed during cleaning, but can be cleaned-in-place using technology integrated into the drying oven. When the pad Pi changes its attitude, the anvil Ai relatively moves to a second relative level L2 so as not to hinder the pad Pi changing its attitude. The bend radius posts manage and protect the cables routed within the enclosure. In some examples, the electrical phase synchronization system includes an electrical power transmission network having a plurality of

transmission lines and a plurality of electrical power generation devices.

1459828005-cbbae344-e9de-4a5c-97a9-63583e44730b

A cutting device includes a rotatable base defining a plurality of closed-sided, tooth sockets. The individual leadless cardiac pacemakers comprise at least two leadless electrodes configured for delivering cardiac pacing pulses, sensing evoked and/or natural cardiac electrical signals, and communicating bidirectionally among the leadless cardiac pacemaker plurality. A dampening ring surrounding the sensor for dampening the relative motion of the sensor with respect to movement of the patient. A first drying agent is arranged in the second feed path. Methods of treatment with such compositions are also included. The apparatus has an inlet and an outlet that is located radially outward from the inlet in order to define a flowpath through the apparatus.

1459828005-f534e494-62b9-4174-b7ef-740eff8cc08f

Methods of forming areas of alternative material on crystalline semiconductor substrates, and structures formed thereby. The power supply delivers maximum power at a given switching frequency without a feedback signal while the output is below its regulated value. In addition, in the case of the hearing aid, the current time of day and the day of the week can also influence the choice of the active hearing program. A delivery extension of the interface device automatically connects and disconnects within the high vacuum chamber with the removable vapor receiving device by respective installation and removal motions. The overflow is created by either: a) allowing the water to rise above the upper surface of the upper modular filter and directly into the common passageway or b) by overflow pipes which connect to a downstream pollution removal structure; or a combination of paths a) and b).

1459828006-785e229d-3030-4c45-8046-fef6263c1e7e

Granulysin peptides are small antimicrobial agents with potent activity. An opening having sloped sidewalls is then etched into the back side of the substrate, exposing a portion of the active region contact. Each of the storage network elements is related to at least one of a plurality of host computers and information of these relations is used to determine whether a management operation can be conducted on the storage network element. The coordinates on the sample table by the moving mechanisms before the X-ray camera is tilted can be used as they are even after the camera is tilted.

1459828006-86187629-5a03-456f-be9d-292945141d45

An improved stocker configuration for storing workpieces in a fabrication facility is disclosed, employing workpiece compartments arranged stationarily around a robot handling assembly. The independent data objects are representative of security information associated with the token. The coated fluidized particles are dried by a pre-heated gas stream and thereby creating fluid-bed particles that are coated with a layer of the  $\text{XF}\backslash\text{u}2022\text{nH}202$  compound. In another aspect of the invention, a method of forming a trench isolation region includes forming a trench within a substrate. The video data stream and audio data stream are converted to analog signals for presentation. ;n and m are each independently an integer of 0 to 3;n+m is an integer of 0 to 3;R5 is a hydrogen atom or substituted lower alkyl;its pharmaceutically acceptable salt, or a solvate thereof.

1459828006-ca20b43e-64c9-4373-9ac6-60353a496aa5

A noise dosimeter with capability to rapidly predict noise exposure over an extended time period based on a measurement of short duration. The invention also relates to a method of casting of light-weight load-bearing structures with optimized compression zone where one or more channels, grooves, ducts, pipes and/or hoses formed in the load-bearing structure serves as molds for molding one or more cores of strong concrete in the light-weight load-bearing structure. In gas reservoirs, the maximum TE may be determined from diffusion considerations using a

dual wait time pulse sequence and this maximum TE is used to acquire data with dual TE. A top surface of the carriage and a top surface of a frontal cover form a pressure area.

1459828007-23aa0322-1789-44b7-aa0f-12b24faa1ab7

Calcium-strontium-hydroxyphosphate cement preparations are described, comprising a powder mixture, which contains molar quantities of the components calcium, strontium and phosphate in the mixture in the ranges 1. At least some embodiments described may be used to deform a body channel so as to decrease or prevent the normal intrachannel flow of material within the body channel. The angular difference is within 15 degrees. The power supply module is also applicable to a plurality of LCDs.

1459828007-2b58877c-043f-40d3-a414-9a08e3493ad2

A semiconductor memory device capable of performing a partial self refresh and semiconductor memory system including same is provided. It comprises a nozzle structure which is provided with coaxially arranged nozzle elements and is arranged to form one or more layers which cover a flexible elongated element on the surface of the flexible elongated element, which passes through the innermost nozzle element, and a guide member corresponding the diameter of the elongated element for controlling the flexible elongated element. The PSAP, which may be located in either an internet protocol Network or a public switched telephone network, transmits an emergency callback to the WTRU and includes the IE. An injector introduces an agglomerating material into the gas stream before the gas stream enters the agglomerator.

1459828007-514fa155-ee16-4ef5-9d11-058bf1e76192

Video recording according to the DVD-VR Specification allows to record only one sub-picture stream. The unit includes a light guide plate and at least one light emitting unit. The collection process is preferably computer assisted so as to incrementally add constraints to an initially under-constrained job request to produce the sufficiently constrained job request. Embodiments of the present invention may be implemented in an air-conditioning system as well as a water heating system. The determination is executed at one of the stages of selecting a tracing direction by an automatic tracing process, selecting an approximate Doppler waveform as an analysis target, and selecting an analysis result as a display target.

1459828008-484fb883-fc87-4f88-9101-5fc5cbdf2af1

A portable game feeder backpack that is worn by the user to spread feed for wild game or other granular material, e. The first number of pixels is counted between two certain points projected on the image sensor from a first section of a plane. The document collaboration may further be implemented by executing a collaboration phase. A first scanning pattern is emitted almost in the horizontal direction to an installation surface of the apparatus, and a second scanning pattern is emitted from an upper portion to a lower portion of the apparatus, toward the installation surface, via a window provided vertical to the installation surface. The other three sides of the elongate column each have female connection structures so as to provide a female connection side to the building unit. Each memory element accepts a common clock.

1459828008-8b1646d5-7c1b-47ee-a015-e46596020229

To provide a display device and a projector capable of enhancing the quality of dynamic images, of reducing limitations on light sources, enhancing the utilization efficiency of light, and of displaying images in full color, illumination light emitted from a light source lamp is irradiated onto some pixels of a liquid crystal light valve capable of displaying images in colors. In one implementation, an adhesive cover includes a top laminate layer adhered to a base layer that is adhered to a bottom adhesive layer. A block matching method or a method using block

shift information from a block-based coding method is used to determine the zone shift and to determine a reliability for the zone shift determination.

1459828008-eb114f60-ee4b-4f6d-9819-54c8e18eb5fd

There is disclosed a gas discharge display device comprised of microspheres containing ionizable gas, photons from the gas discharge within a microsphere exciting a phosphor such that the phosphor emits wavelengths in the visible and/or invisible spectrum. An assembly manifold is attached to the first and second fuel cell stacks. A conduit extends transversely through the cap and opened on opposed sides of a circumference of the body of the cap, the conduit being in fluid communication with the spout and having a passage in fluid communication with the cavity. The invention furthermore relates to a method for improving the confidentiality of a user input. The sheet of material can be sized to be carried in a purse or wallet or hung on a microphone stand and the like for easy access.

1459828009-8af00502-f025-4e07-bbf9-48d002859f52

A method and apparatus for monitoring and evaluating effects of electrostatic discharge associated with semiconductor manufacturing are disclosed. The sewage slurry separation system is configured for collecting sewage slurry from a sewer line, depositing the sewage slurry in a collection/settling chamber to separate the slurry into water and sludge. In the estimate contest, users provide estimated probabilities of occurrence for different possible outcomes of the event. In these configurations, the device assists the golfer in shaping a golf shot, such as a straight shot, fade, draw or putt. The general information for each still picture group includes the start position of a first still picture in each still picture group. The sandwiching support portion includes a lower plate-shaped body and a vertical wall.

1459828009-947651dd-a1ce-4624-8e6b-a868c7b6a254

A plasma display device includes a plasma display panel, and a driving pulse generator which generates pulses for driving the plasma display panel, and a memory storing data necessary for generating the pulses each having a frequency identical with one of a plurality of predetermined frequencies. A method and apparatus for transmission of compensated TPC commands when a substantial loop delay is experienced for one or more user equipment entities is disclosed. The housing has at least one pair of power cable lugs accessible from an exterior of the housing for coupling the PEM to a pair of power cables associated with a power feed. and a heat distortion temperature of greater than about 150° F.

1459828010-94602536-02b0-4d9f-851a-53e6f46bd6ab

The patient positioning device of this invention relates to an apparatus used to assist a patient into a supine position and additionally through which traction is applied to the spine, such as physical therapy and chiropractic treatment. The measuring transducer includes two straight measuring tubes for conveying the medium, wherein the measuring tubes are arranged in parallel to one another and the measuring transducer is embodied with micromechanical construction. After determining the physical addresses where any failure exists, the physical addresses locations associated with the physical locations of unusable memory cells or memory blocks are mapped out to avoid addressing them. Circuit topologies and control schemes for specific embodiments of LO buffers and mixers having adjustable size are disclosed. Buried hard mask materials permit self-alignment of the lines and contacts without a critical mask, such as for word-line electrode lines and word-line contacts in a memory device. These dyes find use in detection of analyte in a sample and the preparation of dye-conjugates.

1459828010-cd2315a0-1e09-499a-b4f1-7c2c5400b6bd

Disclosed are systems, methods, and algorithms for network layout. The processes can be carried out using a batch process or a continuous mode of operation. The formula is calculated using an input set of observed values for the exogenous



variables at given point in time, so as to obtain a price estimate for the asset at the given point in time.

1459828010-cebeeb43-b482-44e4-a5c8-85042b00eb48

The glass container stores and preserves pharmaceutical or diagnostic solutions for medicinal purposes. The number of pseudo grayscale levels is determined based on a parameter indicating the level of the dynamic range and a parameter indicating the level of the edge enhancement processing. The feeder has air vent holes and an outlet provided in an upper part thereof. Tags respond to the interrogations with symbols that each represent one or more bits of data. The preferred topology utilizes a Tow-Thomas circuit, which can be designed for the prerequisite gain and Q independently selecting two resistors. The influence of the disturbance of the electric potential distribution on the surface of a coating machine main body 5 is alleviated by the first and second sheet materials 21 and 22 to cause the electric potential distribution on the surface of the third sheet material 23 to be homogeneous to thereby preventing the attaching of atomized coating particles to the surface.

1459828011-04b3f43b-ebb8-461d-8a64-384546a62e43

The invention relates to compositions and methods for isolating nucleic acids from biological samples, including whole tissue. The collector is formed by active region with p-type ion implanting layer. The bend-limiting layer may comprise a plurality of blocks arranged in a line or plane and joined by a flexible film that is thinner than the blocks with the blocks positioned close enough to each other so that, if that plane of blocks is bent a predetermined amount, the edges of the blocks will interfere with each other and prevent the plane from being bent any further. Further, the fastening bracket member is attached to a monument.

1459828011-20352118-aae0-46bd-845e-277aba5bfb42

The invention relates to devices for aligning sheets, which are overlapped with an offset and supplied to the device by a stream feeder and which can be transferred to a device that is located downstream, after alignment of the front edge and one lateral edge of the sheets. Additionally, processes of preparing the compounds of formula, formulations containing same, and the administration of said compounds or formulations thereof in the treatment of inflammatory diseases are also disclosed. =150\xd7attachment energy eV, 100\xd7attachment energy eV\u2212250, and 20\xb0 C. The scroll may contain a greeting, message or simply contain artwork or a funny or entertaining scene. The satellite radio network broadcasts the text message so that it may be received by a satellite radio enabled device. The absorbent product has a very small re-wet amount.

1459828011-9839598a-95bf-4a9b-be00-806a17a92364

Treatment of lymphangioliomyomatosis with the MEK12 inhibitor CI-1040 delayed the development of primary tumors and blocked the estrogen-induced lung metastases in treated animals. The following features of the tree and its fruit are characterized with the tree budded on \u2018Nemaguard\u2019 Rootstock, grown on Handford sandy loam soil with Storie Index rating 95, in USDA Hardiness Zone 9, near Modesto, Calif. The structure can be cut or shaped into a virtually unlimited array of configurations. The correlations indicate which non-input signals are associated with which input signals. A lift system supports the carriage for vertical movement. Such imaging optical system may be constructed so as to be substantially telecentric on at least a same side thereof as at least one of the second plane or planes.

1459828012-42f98253-046d-44e1-8a63-4924631a992d

Disclosed is a method and system for transmittingreceiving a neighbor base-station information message in a broadband wireless access system. A roof member is pivotally connected to a top edge of the housing and at least one pivoting panel is connected to one of the first side wall and second side wall. Package substrates

are fabricated to enable multiple levels of trace routing with each trace routing level capable of reduced minimum trace width and spacing. A second dial tone is generated by the central office of the PSTN of the called party and this dial tone is relayed to the caller which prompts the caller to enter the telephone number of the called party to thereby establish communication between the caller and the called party.

1459828012-819da037-645c-4a7e-b2fa-fc681227bf

A seat fixing device for fixing a seat to a floor includes a device body. The semiconductor integrated circuit comprises a first terminal with a first voltage and a second terminal with a second voltage. In some embodiments, implementation of the selected vehicle operation mode may modify a conformity status of the vehicle relative to the administrative standard. The conversion compensates for the differing operating characteristics of the first and second cameras.

1459828012-8f10967a-e21d-48b3-b86b-b591b550229c

There are provided an electrode assembly and a secondary battery using the same. The method comprises obtaining the hash value of a password and re-sizing the hash value to fit the size of the 2D input data. The mobile computing device is also configured to execute a web browser or other application that access a network resource. The separation portion has a length which extends radially outward from a flat surface, and which is greater than a total sum of a maximum-minimum difference between the finish allowances of the diameters of the wafer and the support plate, and a maximum value of a positioning error between the wafer and the support plate generated upon adhesion thereof. The compositions and methods provide complete fill of small apertures with reduced void formation.

1459828013-40e41699-e9ab-49bc-adde-8e729efd8c32

A transmission apparatus includes at least an auxiliary transmission for supplementing a main transmission. The scoop includes a first base panel and a second base panel, each of the first and second base panels having a front edge, a back edge and two side edges. The lift-off process including emitting, from a radiation source, a radiation beam through the first substrate to an attachment interface formed between the first substrate and the at least one thick film element structure at the first surface of the first substrate. The O-rings are sheared cross-sectionally to allow the sleeve members to move axially with respect to one another.

1459828013-4af1715a-38d3-48fe-a3be-0001d6afbcb5

A method and cutting device makes incisions in an elongated food product, like a hot dog or sausage, to form a pattern or character after the product is cooked. The insulating layer is meltable in response to heat. The blade tip target portions pass through the projected image and reflect light to receptor ends of a plurality of optical fibers defining a detection conduit for conveying the reflected light to a processor.

1459828013-8ce55c67-839a-4f5b-8173-868c7fe0b937

To realize a light steering handle operation similar to that of a real bicycle, and to obtain an appearance similar to that of a real bicycle. In another embodiment, the invention discloses pharmaceutical compositions comprising compounds of Formula as well as methods of using them to treat diabetic and other glucagon related metabolic disorders, and the like. These outputs are applied to control inputs to the signal generating delay line to control the number of delay units through which a clock signal propagates before being output from a final delay unit. The communication link is established for one or more sessions The method further includes receiving, at the server, a plurality of actions associated with inputs to the vehicle.

1459828014-a899d820-4a1f-4d32-b56c-0f47ee343882

According to one aspect of the invention a device for purification of air is provided, including a metal plate, electrical connections connected to the metal plate in order to impress a voltage on the metal plate, a heating element for heating the metal plate, and a nozzle connected to a water supply in order to spray the metal plate with water. One of the chambers is provided with a blade and a rotatable member for assisting a user to position the crayons against the blade for sharpening purposes. Each sub-stream is then spreaded with a user specific spreading code with an intentional delay offset of few chips prior to modulating the encoded data for transmission.

1459828015-07a47bdc-8c55-4a68-84b8-67bc478f5b1a

Apparatus and methods are disclosed for controlling flow of fluid inside a chamber. The environment enables sellers to list items together with relevant information that buyers may need to understand the item. The subtractive color processing circuit carries out the weighting processing so as to increase the subtractive color image data corresponding to a line and decrease the subtractive color image data corresponding to another line.

1459828015-72af89f9-c342-458e-bdd0-c802c0ee5f1d

An apparatus and method for anchoring orthodontic appliances or the like in the mouth wherein anchor screws of different constructions are installed in the bone in different areas of the mouth to insure adequate bone contact and retention. The input data word is split into two intermediate data words into which respective high order portions and low order portions of the data values are written spaced apart by vacant portions. Reticule aim point field 750 permits the marksman to adjust the firing solution for momentary atmospheric effects and operational contingencies such as variations in ammunition. Each engaging profile is complementary with the adjacent engaging profile. In another embodiment, a bi-level multiplication region with a wide bandgap ternary layer and a narrower bandgap quarternary layer is provided at an increased thickness to improve gain per unit length. The thin voxelization algorithm receives a surface, maps the surface onto a plurality of volumetric picture elements, and generates a value for each voxel in the plurality of voxels that intersects with the surface.

1459828015-d669d3d5-006d-47c9-a84d-2f6df822f89c

An odd-cylinder V-type internal combustion engine including 2n1 cylinders arranged in two banks and pistons fitted in the cylinders has a crankshaft provided with n common crankpins each connected to the two paired pistons respectively belonging to the two banks, and one odd crankpin connected to the one unpaired piston. A fault pattern is generated within the sensor and is transmitted from the sensor to the control unit in order to enable an appropriate response to the fault pattern by the processor. The dividing wall distillation column exhibits the effects of a two distillation column from only one distillation column, thereby reducing energy and the costs of installing the apparatus as compared to conventional distillation systems.

1459828016-02efb5b3-cb7d-4754-8818-d1d3f4694f16

A container has a sealed top formed from adhered sealing panels at a top of the container that keeps contents of the container sealed until ready for use. For example, a data processing system is disclosed that includes a channel detector circuit. The method comprises pumping a drilling fluid down the drill string and cyclically venting the drilling fluid through the valve so as to cyclically reduce the pressure of the drilling fluid in the drill string.

1459828016-35424b48-8a33-4548-bc62-901cc885b4fe

An apparatus and methods for unloading panels. The printhead has a large number of nozzle assemblies. The feed gas stream may also include SO<sub>2</sub> and/or NO<sub>x</sub>. In a second mode of operation of the engine, gaseous fuel is added to the combustion air via the first fuel feed system and ignition fuel is injected into the mixture of

gaseous fuel and combustion air via the third fuel feed system.

1459828016-9f893408-8fdd-4acc-846c-165b3eedde9f

Dermatological disorders having an inflammatory or proliferative component are treated with pharmaceutical compositions containing on the order of 0. A plurality of statically deployed monitoring devices, each of which includes at least one radio frequency transmitter/receiver, are configured to run application tests, for example, for voice, messaging, or locations-based services, to provide testing of the wireless network to thereby generate test information related to the wireless network. The control features and loops interact by surface engagement to anchor the prosthesis relative to the inner catheter in a nonfrictional manner, thus to maintain lower axial prosthesis deployment and retraction forces. The illumination system is configured to house an illumination device in a manner that facilitates visually receiving information from a document while minimizing external non-document light transmission.

1459828016-b0f402c2-4cb3-4330-91e3-74afa1ae206f

Methods, systems and applications for updating, enhancing, organizing, and utilizing geographic maps, for locating points of interest and places of businesses, or POI's. The contactor arrangement may further include a conductor section. The cabin attendant seat includes at least one backrest element and two seat elements. The device includes a drain region adjoining a third portion of the body region, the third portion adjacent the first portion and separating the drain region from the first portion, wherein the source and drain regions are opposing.

1459828017-f4c32228-725a-49ef-a488-ba89e2580d91

A disk drive that approximates spiral slope in spiral patterns is disclosed. Thereafter, a second ferroelectric film is formed on the first ferroelectric film by CVD using a second source gas. Use of an existing sensor to diagnose multiple engine components provides cost reduction and sensor compaction benefits. The oxide rich cap is deposited on the low dielectric constant film in the absence of low frequency RF power from another gas mixture including the organosilicon compound and the oxidizing gas used to deposit the low dielectric constant film.

1459828018-0360acfd-2ebf-471a-9890-2f6298f19866

A method for manufacturing a semiconductor structure having an interlevel dielectric comprising patterning features in the interlevel dielectric, depositing a metal into the features, and melting and recrystallizing metal in the features using a laser. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which T-type calcium channels are involved. The fourth magnetic layer has a rare earth metal magnetization-dominant composition and an axis of easy magnetization oriented longitudinally at room temperature. These timers allow the system to correctly associate therapy adjustments to posture states when the patient anticipates the posture change by adjusting therapy before engaging in the desired posture state. Indentations can be formed by mechanically removing features formed as described above.

1459828018-058e843c-f11e-4165-a45a-dca693c9e21b

During a first period of a set period, a reset switch element of each pixel is turned on to converge a voltage at a control electrode of a TFT to a predetermined voltage, and a step signal having a first voltage level is supplied from a step signal generation circuit. The reroute module identification block, includes an original module identification that provides an address of one or more original modules in the computer system, and a remapped module identification that provides logical destination module identifications of substitute modules in the computer system, where a substitute module replaces functions of an original module in the computer system. A locking device is included in the jaw arm assembly such that the jaw arms may be securely positioned in a number of locations to accommodate various

working angles. A time elapsed after the previous printing time is calculated on the basis of the current time and previous printing time. The second substrate is disposed above the first substrate to cover the integrated driving circuit and the pixel array.

1459828018-b33b7de6-03a3-4d4c-8724-a09108127d14

A method of controlling the behavior of an occupant of a vehicle includes sensing an auxiliary mode of the vehicle and comparing a first vehicle operation mode to a predetermined threshold to determine a first incident. The receiving station comprises a receiving unit configured to receive information containing ID information of a transmitting station, and a data extracting unit configured to extract the ID information from the received information. The interconnect location defines an access device for selectively accessing the termination locations. The integrated loop inductor may be integrated in CMOS technology and on the same IC chip as either both of the FET driver and the VCSEL diode.

1459828019-ae4b4ede-527d-40f3-842e-606e7936728d

A display unit with which lowering of long-term reliability of a transistor is decreased is provided. Three vertically aligned catch structures are disposed to receive and retain the bottle caps. , which are selected in order to achieve the best combination of product quality and production yield. Additionally, conductive traces are divided into separate sections and electrically connected by crossed jumper wires or bond wires. With respect to text areas, character recognition is performed on the binary image, then the recognition data is outputted. When corrected data during head shading correction and nonejection complementing in image processing exceed a maximum value capable of being recorded, complementing is controlled with a different color corresponding to data-amount which exceeds the maximum value.

1459828019-df63c54f-1ede-4f60-b12f-12124d16c981

A protection device includes a voltage detector having N or more sub-circuits each for monitoring a specific battery cell to output a detection signal when at least one of the battery cells outputs an abnormal voltage. In one embodiment, a general architecture includes a resource manager and multiple resource providers that support one or more resource consumers such as a system component or application. The integrated front end filter can include at least one active filter unit with an active reactance element in either of fixed and variable filter configurations and a decoder coupled to said at least one active filter unit and being responsive to a control signal for selecting a one of the passbands.

1459828019-fd297f74-b95a-48da-9dca-981eb7f56e9d

The invention relates to a liquid crystal gel containing polyoxyethylene-glyceryl-trioleate, propylene-glycol, isopropyl myristate and a hyaluronic acid salt or complex for use in the manufacture of transdermal pharmaceutical compositions and healing cosmetics. The amplifier includes complementary input pairs, and employs a steering circuit which provides a tail current  $I_{tail}$  to one pair when  $V_{cm}$  is less than a threshold voltage  $V_{th}$ , and provides  $I_{tail}$  to the other pair when  $V_{cm} > V_{th}$ . The multiple stages provide a sleeve that may be useful with a variety of borehole logging tools to reduce or eliminate the transmission of noise to the receiving elements.

1459828019-fde1b676-d471-4a78-bd02-0551ccff4b43

A lead-free solder includes at least one selected from 0. The heat exchanging plate portions are layered with predetermined spaces between them so that outside fluid passages are formed between the adjacent heat exchanging plate portions. This method comprises a rate matching step for each transport channel, a rate matching ratio being applied to each transport channel. More specifically, each node runs under the control of a separation kernel that partitions the nodes to define the subjects according to an SK configuration data.

1459828020-47b21673-643f-440a-a2b1-8fe1e9fca672

A variable mass cap 20 for a shock imparting implement grip has a butt element 22 connected to a tubular portion 24 constructed to receive a selected mass 26, 28. Preferred polymers of the invention are employed in photoresists imaged at wavelengths less than 250 nm such as 248 nm and 193 nm. The compounds can function as monomers, and copolymers can be formed from such monomers, such copolymers comprising, as polymerized units, a plurality of units of the compounds. The particulate materials comprise a protein. The socket releasably secures a second male connector with the lip inside the socket opening engaging a neck of the second male connector.

1459828020-72d47fe6-dbce-457c-87d2-17c33b0ba14a

An IGBT having a good balance between high switching speed and low on-resistance. The transparent portion may be controlled by a control unit coupled to the memory, along with a corresponding tag memory. A y-direction positional deviation between the power transmission coil and the power receiving coil is detected using voltages measured at the first and second search coils, and an x-direction positional deviation is detected using voltages measured at the third search coils.

1459828021-0a5b21ec-ee84-44cc-a49e-5912bfad9f40

Disclosed is a conductor pattern structure of a capacitive touch panel. An optical modulator is aligned with the light source so as to intercept light from the beam of light and produce a spatial modulation pattern across the long axis of the beam of light. Optionally, a storage system includes a pair of rails for supporting the tray. During this supply operation, a supply position of the second fluid to the substrate is moved radially outward from a rotational center of the substrate. The doped path preferably constitutes the entirety of the upper layer forming the photosensitive surface. The first actuator and the second actuator are each configured to receive a signal associated with a force feedback.

1459828021-7e270de1-4fc4-444e-a79e-5820a9a12bf9

A disk cartridge in which a disk is loaded is formed with composite synthetic resin including at least two types of thermoplastic resin, an anti-static polymer, and an inorganic filler, heat-deforming temperatures of at least two types of the thermoplastic resin mutually differing. The first and second sheets are wound around an axis, each sheet has hot and cold edges at the hot and cold ends respectively of the heat exchanger. More specifically, this invention relates to a blend for and method of producing container candles that demonstrates the improved properties of low shrinkage, little oil bleed, enhanced opaqueness and creamy appearance and enhanced fragrance retention.

1459828021-add18510-4c34-400b-b0c2-48fad40c62c9

A method and an apparatus for determining a dependency relationship between graphics commands based on availability of graphics hardware resources to perform graphics processing operations according to the dependency relationship are described. Six torque-transmitting mechanisms are selectively engagable in different combinations to connect different members of the planetary gear sets with an input member, an output member, a stationary member, and one another to establish seven forward speed ratios and a reverse speed ratio. or higher or a melting point of 297\xb0 C. In one specific implementation, the cache also provides for direct access to entries in response to direct access transactions.

1459828021-c0979a29-8992-4c50-84d3-d45fce04c8e7

Eyeglasses having an integral case. The hydrophilic structure is configured to spread condensation. The storage locker also comprises a main door for covering the opening. A timing control part establishes mutually different frame timing offsets to the respective frames received from the subcarrier assigning part. The method and apparatus include multiple levels of clock gating control circuitry and a clock

distribution network to generate a low-skew system clock signal, and generate a gated clock signal, from the system clock signal, and distribute the gated clock signal to a plurality of local logic circuits in the integrated circuit. One embodiment of the homogenizer comprises an entrance face positioned to receive light from the source, the entrance face having a first shape, a body configured to homogenize the received light and an exit face, the exit face parallel to the primary emitting face of the source.

1459828021-e6c1b9e7-caed-462d-ba9e-14b33c10dfb9

An exemplary optical disk drive for a notebook computer includes a tray, and a supporting bracket rotatably connected to the tray for supporting the tray when the tray extends from the notebook computer. Side walls are erected on both sides of a bottom plate of a body and a top end of each side wall is bent to form a flange. During a locked phase, the peripheral unit that is affected is temporarily taken out of service. The one procedure is associated with one of the respective types of circuitry that is actually available to be used by the first processor. The second part of the etch barrier layer has a thickness less than the first part of the etch barrier layer, and/or there is no etch barrier layer between the second part of the gate insulation layer and the second electrode plate.

1459828022-77c46ec4-df43-430c-b489-fe99386fbff9

A system that incorporates teachings of the present disclosure may include, for example, a processor that causes a STB to present an avatar. The clutch weight of the centrifugal clutch is assembled by stacking a set of five sheets of clutch weight component members, three of which have similar structures. The LED configuration permits a beam or flood of light of circular or oblong shape depending on the reflectors and covering lens. For example, the back section can be made from a material selected from a group consisting of HSLA steel, aluminum, and/or polymeric material. 40 mm filament diameter ultra tensile steel cords at 17-24 ends per inch.

1459828022-def80c01-15bb-4fef-a548-21bef4d14beb

A system and method for concurrently spooling and despooling print jobs, which allows print data associated with a print job to be despoiled from storage at the same time that additional print data associated with the print job is spooled onto storage. Several user profiles are provided from which a user may be associated. In another embodiment, the lamp is adapted to generate a predetermined pattern of light optimal for the treatment area.

1459828022-e2168178-5baa-4a1c-ac2d-08767d908e4e

Disclosed is a method for preparing a carbide-derived carbon-based anode active material. The assembly includes a base assembly defining a longitudinal axis and adapted to support at least two concrete structures, for example, on turntables positioned in spaced apart relation along the longitudinal axis. From the plurality of decisions, one is selected by determining which of the plurality of soft-decision detectors are able to come to a decision during error correction decoding. The signal injection system injects a synchronized PRS signal into the electrical component. Advanced control and power supply options are disclosed. Under this method, various interrupt affinity schemes are provided, which associate multiple processors, interrupts, and IO channels for sending the interrupts, thereby allowing the interrupts to be almost evenly loaded among the multiple IO channels and processors.

1459828023-0de7018c-f79a-493a-918b-187c241d229b

A personal water safety device includes a strap and a housing attached to the strap. The method comprises a calculation step for constructing a multivalued vector field and a smoothing step for smoothing the whole volume data. Discontinuities and steps are identified in the PSD distribution. The lip is contoured to include the three depressions, and a ring washer mounts on the annulus surrounding the walled

lip for added stiffness. The NAND-type nonvolatile semiconductor memory device further comprises a dummy word line driver adapted to activate a dummy word line to gate the dummy cell.

1459828023-39c9d853-56a1-4e65-abb9-3fbf6e01701f

A method of operating on an image of a document includes, for an electronic file that includes a representation of the document, portioning the representation of the document into non-overlapping areas. The apparatus includes a flow control valve connected in a conduit connecting the source in flow communication to a vaporizer. The pump is driven by an engine and the motor is drivingly changeable by operation of a speed change pedal. A cache check module checks a shared response cache for an entry matching the network request.

1459828023-e78d0773-9ed0-4f5d-a13b-96785152051c

The invention is a device for resting a spoon, stirrer or other cooking wares so as not to stain the counter top and for easy access. The device utilizes principles of pressure equilibrium and material resistance to dispense a regulated and steady flow of the biocide into the line. A magnesium-counter ion composition described herein may be useful for any of a variety of applications provided herein, such as maintaining, enhancing, and/or improving health, nutrition, and/or another condition of a subject, and/or cognitive, learning, and/or memory function. On the other hand, if the temperature of the NO<sub>x</sub> catalyst is lower than the specific temperature, the air-fuel ratio of the ambient atmosphere around the NO<sub>x</sub> catalyst is decreased to the target air-fuel ratio while decreasing the quantity of EGR gas in a cylinder so that the amount of generated smoke is kept within an allowable range. More preferably, a non-magnetic h.

1459828024-1149c750-41ce-4c21-94db-226635971048

A system and method is disclosed that provides for displaying on the screen of a handheld electronic device, an extended menu or a short menu, which is a subset of the corresponding extended menu. In TFTs having an LDD structure, a region whose LDD region overlaps with a gate electrode and a region not overlapping with the gate electrode are fabricated inside one TFT. A tension control zone is created between a pair of nip rollers disposed in zipper processing equipment and a zipper sealing station inside a thermoforming packaging machine by applying a predetermined torque to one of the nip rollers using a torque control device. Responsive to the determination of the illumination level of the taillight of the determined leading vehicle, the vision system is operable to apply a weighting factor to adjust the determined braking level for the determined traffic condition. The torque transmitting devices include clutches and brakes. The loop-control circuitry generates the control signal based on a comparison of detected peak signal levels in the receive signal path.

1459828024-1a3cc96f-104f-42c3-ad7a-48156709af2f

An automated banking machine operates using data included on user cards. Participants interact with each other through the IOM. This technically feasible capability, beyond conferring economic benefits of reusability and maneuverability, can be adapted to increase payload by adding drop tanks, or solid or liquid \u201cstrap on\u201d boosters, and might eventually be modified and evolved to perform manned aerospace missions, as well as single stage to orbit missions. Short names may be printed onto a reference card along with an indication corresponding to the drug's dosing regime. The non-zero-magnitude signal may, in effect, fill-in or complement the signal from the controllably conductive device, and any delay variation as a function of the firing angle of the controllably conductive device through the filter circuit may be mitigated by the presence of the non-zero-magnitude signal. The table top supporting assembly can further be folded into a fully folded position when the table top is folded to further reduce the size and dimensions of the picnic table when the picnic table is in the collapsed position.



1459828024-79072122-163c-41f2-b2d1-c7790b038867

This disclosure is concerned with optical adddrop modules. A printed image is subsequently placed on the coated textile. Each combination when summed in a particular way results in the market under consideration.

1459828024-ba309d76-66ce-445c-bb60-0981fd9b77ee

According to one embodiment, a nitride semiconductor device includes a substrate, an  $\text{Al}_x\text{Ga}_{1-x}\text{N}$  first buried layer, an  $\text{In}_y\text{Al}_z\text{Ga}_{1-y-z}\text{N}$  buried layer and an  $\text{Al}_x\text{Ga}_{1-x}\text{N}$  second buried layer. The polymeric sidewall and base are contiguous with each other and define a shape of an open top container. A first phase consists in biasing the first fixed electrode with the measuring voltage from first binary word and reference voltage, and the second fixed electrode with low voltage, and a second phase consists in biasing the second fixed electrode with measuring voltage from second binary word, which is reverse of the first binary word, and the reference voltage. The flow retrieval table 5 stores a post-mask retrieval key and a flow retrieval in a correspondence relationship and outputs a flow retrieval corresponding to the post-mask retrieval key output from the mask section.

1459828024-fdf8e70b-86e9-406c-a86d-94f16e52ab8e

A multimedia reproducing apparatus having excellent operability and amenity. The bushing is located in the second hole and has a first end abutting the first material and a flanged second for securing the bushing to the second material. The second portion includes a second panel having a plurality of third embedding elements and a plurality of fourth embedding elements embedded with each other, and the second portion includes a plurality of first embedding elements and a plurality of second embedding elements, such that the first panel can be pushed to form a gap for replacing the second panel. The user can then initiate any displayed test. In the partial test score model, a partial score is assumed to be a true-false average of a plurality of items having the same parameters. The surface of the backlight unit that is opposed to the liquid crystal display panel is divided into a plurality of subunits capable of being individually adjusted in brightness, and the liquid crystal display part is divided into pixel blocks which are surface portions opposed to the respective subunits.

1459828025-0dc405ed-bc93-48b8-a3ea-ab8c3b69beb1

A system and process for highlighting the current speaker on an on-going basis in each frame of a low frame-rate video of an event having multiple people in attendance, such as a video teleconference, is presented. The method includes a holding step of holding the reticle on a reticle stage which has a reference mark, and a detection step of detecting position of the alignment mark on the reticle based on alignment light reflected from the alignment mark and detecting relative position between the reference mark on the reticle stage and the alignment mark. The linear motor may include a stationary component and a moving component, wherein the moving component is coupled to the movable basket, and wherein the stationary component is coupled to the stationary base.

1459828025-98f1658b-0326-439a-a4b4-3696b4f0ca3f

A method for fabricating an inductor structure having an increased quality factor is provided. The cable ferrule has an end face at which an optical core cable is exposed. A selectively applied opaque layer prevents light from a light source from passing through at least one selected portion of said substrate. To service the pipe run, the cover may be opened and the inner pipe lowered into the outer pipe. The interpolated values may be converted to frequency deviation values, and a predetermined number of the frequency deviation values may be averaged.

1459828025-cd598dba-f4d0-431c-9939-5907d0f77b60

A system for partial brute force collation of a print job includes a printing device having ROPM capability and memory. A pair of pivot holes is defined in the top plate for engagingly receiving the knobs. The method generally includes coating

a photoresist on a substrate; immersing the substrate in a liquid; exposing the substrate; removing the liquid from the substrate by rotating the stage and/or substrate or spraying the substrate with an inert gas; and developing the photoresist.

1459828026-0f197e8f-f5ee-4898-a9a9-f6132a59f66e

Methods, devices, and computer programs are presented for consolidating overlapping data provided by multiple sources. The first and second images each have at least 4 non-parallel lines therein. The bottom surface is opposite to the light output surface.

1459828026-0f26ed23-acf9-472f-9eb7-37ff3db2e5d6

A child's stool having a pair of horizontally spaced, parallel, vertically extending side walls, each having a pair of receivers provided therein. The chip is placed on the substrate. A circumferential wall of the rinsing area has at least one inlet as well as a drainage outlet with an orifice opening for a rinsing medium.

1459828026-94006e54-dc0b-4f9d-a173-09c5c9a76cf7

The present invention provides an all-digital frequency synthesizer circuit using interpolation technique and Linear Feedback Shift Register. Each of the rib assemblies are coupled to the apex of the shaft at a proximal end and to the canopy at a distal end. When the bound reagent is chlorite, the complementary reagent is an acid or an oxidant. A final stage comprises a coefficient multiplier and an adder. A processor is responsive to a receive packet to determine if the receive packet matches one of the plurality of packet filters and the processor, upon determining that there is a matched packet filter, is adapted to place the receive packet in the filter receive queue assigned to the matched packet filter.

1459828026-cd41667c-067c-4364-88e2-39be1a6c9cb6

Disclosed herein are methods for the isolation and purification of antibodies wherein the use of an affinity chromatographic step results in an antibody composition sufficiently pure for pharmaceutical uses. They contain laminarized surfactants and, optionally, hydrophilic stabilizers. The selection is performed by the first base station or the application server.

1459828026-fa726665-0e4a-4a9d-bbf2-481d5373253d

Disclosed is a multi-layer film comprising: a surface layer having a thickness of 10 to 50  $\mu\text{m}$  made of an ethylene-olefin copolymer having a density of 0. The body defines a hollow region therewithin. The traffic probes can analyze the collected data to identify traffic anomalies, and in response, change the amount and type of data collected, as well as the frequency of reporting the data to the central control system. After evacuation, dosing and gas fill, the other tube is tipped off in the similar manner. The terminal may receive the feedback from one sector and may send the second transmission with CDMA or OFDMA to the same sector or a different sector. The second concentration controller has a slower response time than the first concentration controller, however the second concentration controller provides the system with long-term stability and can be used to provide updated data to the predictive control algorithm.

1459828027-4321d256-b811-4d0c-89d0-702bb6f547a9

A piston for a compression ignition internal combustion engine includes a piston body having a combustion face defining a combustion bowl, and the combustion face including a compound bowl surface and a compound rim surface. A method for transmitting content data includes receiving content data, and passing at least a portion of the content data based on a prescribed rate. An absorber layer can thus be advantageously produced, having a quadratic roughness of no more than 1  $\mu\text{m}$ , measured in a close range of no more than 50  $\mu\text{m}$  diameter, and preferably being made of a corrosion-proof hard alloy comprising tungsten carbide, in particular

WC\u2014CoCr, WC\u2014Co, WC\u2014FeCo, WC\u2014FeC, WC\u2014FeNi, WC\u2014Ni or WC\u2014NiCr. If the directions of arrival of the received signals differ greatly from one another, the directing means command the antenna array to form, in addition to the main beam, one or more diversity beams, which are formed in the direction, wherefrom a signal exceeding the predetermined threshold value is received. The first receiving elements is connected to means for the periodic translatory adjustment of the first receiving element with respect to the ligament. The method for packaging a case with a product includes: conveying a first plurality of the product to a first lane; supporting the first plurality of the product within the first lane; conveying a second plurality of the product to a second lane; shifting the first lane and the second lane in a first direction; and dropping the first plurality of the products into the case.

1459828027-57044a8f-5302-48a6-af6c-163803ea14fb

A method of promoting the healing of a lesion in a smooth muscle, comprises selecting a smooth muscle portion having a lesion, and applying a non-excitatory electric field to the portion, which reduces the mechanical activity of the portion. The block system includes blocks of different sizes that are configured to be compatible with each other in the construction of a retaining wall or free-standing wall. The method further includes attaching a wafer of dielectric material to the insulation fence.

1459828027-730694c7-233b-427c-9deb-c4d4c9c4d7cb

When a two-dimensional code including a number of location symbols is detected from an image. To this end, a voltage Vdd\u2032 higher than a power supply voltage Vdd of a power supply line for peripheral circuits is supplied from a power supply line for memory cells as a power supply voltage for memory cells. Improved structures and techniques are provided for securing such other components to the stent-like supporting structure of the valve. The upper surface of the light inlet section is bonded to the lower surface of the base. The printer driver returns the processed data to the data processing device through a memory with the data processing system.

1459828027-a8fec76c-b0d9-4299-a99c-c69808b192ad

A gas generator or inflator 10 preferably contains a housing 12 formed from welding a cap 14 and a base 16 in nested and coaxial relationship. The invention relates particularly to an analog-input circuit with at least two channels substantially identical in design, for parallel signal input and/or output, which are parallel connected and/or parallel connectable in the region of the peripheral interface. The cavity is defined by a first curved surface positioned adjacent the end of the first channel, a second curved surface positioned adjacent the end of the second channel, and at least a third surface between the first and second curved surfaces. The conductor extends through at least a portion of the plurality of the through vias, forming a plurality of metalized through package vias. The join ring at a periphery thereof extends at least two circumferential elastic engaging hooks.

1459828028-d2a37002-1799-4932-8bbe-3486dbe72383

A process for forming a capacitive structure that includes an upper layer having a first capacitor electrode section therein. The system controls the electronic device in response to the sensed physical characteristics. The base is cruciform and the beams are disposed respectively at ends of branches of a cross formed by the base. In addition, one embodiment of the invention manages the lifecycle of a first session object based on corresponding lifecycles of one or more related session objects and also the type of relationship existing between the first session object and the one or more related session objects.

1459828028-e2a64061-7da0-422e-8493-fbc932e017b5

A non-magnetic mono-component toner of the present invention comprises, at least, a plurality of mother particles and a plurality of CCA particles adhering to the

mother particles. A portion of projected streaks on the friction joining steel plate is designed to have a Vickers hardness at least 3 times greater than the surface of the steel products, which allows the projected streaks to more easily enter the steel products thereby increasing the friction coefficient between the steel products. A historical rate at which the computer system has transitioned between the first and second operating modes is determined, and the requested transition is permitted in response to the historical rate being less than a first preselected setpoint, but denied in response to the historical rate being greater than the first preselected setpoint.

1459828029-3b8c6eee-316d-468b-b39e-1d21e04f7af4

This document describes techniques for effecting a virtual disk. Then, the diagnostic code generation terminal 10 acquires the setting status of the diagnostic code generation terminal 10 in response to receiving the input of the status check code, the setting status corresponding to the setting status check item, and generates a diagnostic code indicating the setting status based on the acquired setting status. This 2D dipole location is then used to determine the 3D position and momentum of a current dipole responsible for the observed magnetic magnitude image. With automatic compensation for pre-etch CD, a very tight distribution of post-etch CD is achieved.

1459828029-4eafeb00-a2a3-4f8a-b051-73ccad65d7cb

The present invention relates to a pigment dispersion and a method of producing a pigment dispersion by grinding a grind mixture comprising a pigment, a humectant, water, and a polymeric dispersant. In certain example embodiments the spacer may be substantially U-shaped, whereas two pillar-like spacers may be used in connection with certain other example embodiments. The toe receiving member is configured to engage the toe portion of the boot.

1459828029-8642ee54-7621-4d93-a8cd-2f0e0775bf69

A constant velocity universal ball joint includes an outer joint part, an inner joint part, torque transmitting balls guided in pairs of tracks, and an annular ball cage held between the outer joint part and the inner joint part, wherein the ball cage forms an inner face which is internally widened between two end apertures of the ball cage. The lift bed may also provide safe operation for lowering and raising the lift bed through use of a bed frame, safety devices, and movement means. Solder can be used as the conductive material, for example. The notification communication is sent to the wireless device associated with the data store.

1459828030-3a3969ab-2f0f-4837-b57e-58588068029c

In one aspect, the invention relates to an immunogenic composition that includes a mutant *Clostridium difficile* toxin A and/or a mutant *Clostridium difficile* toxin B. A data line is opened between the display device and a user terminal device. In storing and retrieving objects from the shelf, a forklift machine advances with its left and right forks aligned with the left and right insertion channels, until the forks are securely under the object. Context relevant information served to the device depends on the identity of the user, the location of the device, and the proximity of the device to persons or objects. Signal read from a magnetic disk is entered into a RLL decoder where the RS code portion is RLL-decoded. The housing itself also may be thermally conductive to conductively spread the heat and convectradiate the heat away from the lamp.

1459828030-8689d0fe-3f16-4ad2-9d75-bf7839ba55a7

Method and system for collecting and filtering messages received at an event source platform and delivering the filtered messages to a collection host platform. The field-effect transistor comprises a layered semiconductor structure which includes a first group III nitride compound semiconductor layer doped with a charge carrier, and a second group III nitride compound semiconductor layer positioned below the first layer, to generate an electron gas in the structure. The network includes at

least two nodes including the node assigned to be the owner. Lamps are connected between the two end plates and located in the mediate member.

1459828030-a7bb5efc-9bca-48a9-9498-3bad0a468a72

A desiccant cartridge retention device used to secure desiccant cartridges to fluid flow tubes and/or canisters of receiver/dryer and accumulator assemblies. The shield can be employed to maintain a substantially particle free environment such as in photolithographic systems having critical surfaces, such as wafers, masks, and optics and in the tools used to make these components, that are sensitive to particle contamination. The liquid crystal display device further includes a line memory that outputs a data signal to a data integrated circuit by dividing the data signal into at least two data signals to increase a data processing speed.

1459828031-40a0a8d0-0587-459a-9b14-a1b2a307af17

A printing apparatus configured to print on the pages of a block of printable pages that are pre-bound by a binding along a binding-edge of each page. Specifically, the invention incorporates a series of rollers that create multiple pinch points to compress the solid fraction while removing liquid. Besides, the yellow ink nozzle, first magenta ink nozzle, first cyan ink nozzle eject the yellow ink, magenta ink, and cyan ink respectively.

1459828031-a8e0b397-5782-485d-abc0-1b0f0fd26b2b

A weight-based, multiple filler filling machine has a simplified wiring arrangement. The preparation possesses an improved bioactivity, and is useful in the treatment of various cognitive and mental conditions and disorders and for maintenance of normal functions of brain-related systems and processes. If the network is overloaded or has limited bandwidth remaining, the network may refuse to admit the new device, or if the new device is isolated, may force some devices that are members of the network to leave or migrate from the network to allow the isolated device to join the network. This is the case because the correction can even be implemented for small predicted signal changes, such as those occurring during a currently transpiring operating point of the internal combustion engine. The engaging member includes an engaging portion, a first shaft portion and a second shaft portion. A coupler is attached to the plate and releasably engages the handle adjacent to the first end to secure the handle to the plate.

1459828031-afac7907-da90-4277-94f4-931d39b2b56c

A method, system, and device for controlling a mobile device with a touch screen are disclosed. A second fixed time interval at which to display at least a portion of the plurality of CGM glucose values is received. External cylindrical surfaces concentric with the cavities rotatably support a pair of tower plates which include circular openings received over the external cylindrical surfaces. Cylinder identification ranges of a prescribed angular length in consideration of an advance angle and a retard angle are set based on the reference crank angle positions. In another embodiment, both the conductor layers for the VLEDs serve as touch sensor electrodes.

1459828031-eed1d373-0518-4159-ae5b-588b160204ca

An illustrative embodiment includes an implantable cardiac stimulus device comprising input circuitry configured to reduce the time required to return to small signal operation after a disturbance of small signal operation. The venturi includes an angled pipe which joins the main piping system at an acute angle and which receives air from a blower. Each of the cavities has top and bottom openings. The second tube further includes a second support face at an end of the barrel that engages the first support face. A naming convention is used to define the names of the data types and operations in the web services interface corresponding with data types and functions of the application.

1459828032-0462a2ec-f5e8-447d-a75e-9e1c56fe97ce

System and method for providing a low noise signal having a broad tuning range, with associated jitter no more than about 10 percent of the selected period of a target output signal. Applications of these compounds in the treatment of medical conditions, e. Electrogram data can be sensed at various locations in the heart using an electrophysiology catheter, and the electrogram data is mapped to the elements of the FEM. Thus, uniform transmission of radio IQ data and frame synchronization for different standards may be enabled via a common radio interface between a Radio Equipment Controller and a Radio Equipment. For a multi-layered cover, the inner cover layer is comprised of a low or high acid ionomer or ionomer blend and the outer cover layer is comprised of a soft, very low modulus ionomer or ionomer blend, or a non-ionomeric thermoplastic elastomer such as polyurethane, polyester or polyetheramide. A second electrically triggered control valve is provided, which is disposed near the fuel injection valve and by which the pressure prevailing in a control pressure chamber of the fuel injection valve is controlled, by which pressure the injection valve member is urged at least indirectly in the closing direction.

1459828032-121c95a5-2b1d-4095-84f7-fd7504643ddd

A watchdog timer circuit for use in microcomputer monitor systems is disclosed. The communication device includes a plurality of surface sensors that when activated, guide the user in call placement, routing, control options and general communications. A computer pointing mechanism is coupled to the primary control device and a data storage device is coupled to the primary control device. Some embodiments include integrated circuit packages.

1459828032-58201fe3-2643-499d-a0b1-b7b6c6f09a35

The present invention relates to a clip type light emitter, and in particular to a clip type light emitter capable of enhancing a visual field at night by detachably engaging a clip type light emitter to a leisure cap generally used for a mountain climbing or fishing or travel or various sports. Memory modules comprising a number of volatile memory devices may be fabricated. Also, a process for preparing this at least partially fire resistant thermal insulation material. According to yet another aspect, an electronic triage tag is configured to include a colored card insertion region for inserting a colored card for preventing the device from being inadvertently activated, an LCD screen and a series of LEDs for displaying the triage status of a patient.

1459828033-103f0428-97fc-4225-8df2-ea2f0c1774b0

Devices and systems for repairing bone fractures and more specifically a fracture repair plate that provides for fixation of a metaphysis to the diaphysis of a long bone, for instance a fracture between the proximal humerus and the diaphysis of the humerus. The HFO-1234ze and HFC-245fa are prepared through a two-stage gas phase fluorination reaction by using 1,1,1,3,3-pentachloropropane as a raw material. A distribution module and a plurality of rectifier modules are connected to the power bus. The thickness of the first edge portion is less than the thickness of the interior portion. As the pixels are analyzed and assigned to color categories, the method stores information in the computer regarding the number or percentage or pixels in each of the color categories.

1459828033-18c5e390-e89d-4dc0-aff0-65494f5269bc

The present invention relates to a pharmaceutical composition for the prevention and treatment of diabetes or obesity comprising as active ingredients a compound which inhibits the activity of dipeptidyl peptidase-IV, a pharmaceutically acceptable salt thereof, a hydrate thereof, or a solvate thereof, and one or more other antidiabetic or antiobesity agents. This rectangular box is constructed in a manner so that it is composed of two halves divided vertically through the center of the long axis of the box. This area is located using a light source. An external calibration including camera position and orientation is then computed for the camera based on the calibration information obtained for the one or more

calibration points. The excavation is then backfilled. In some embodiments, a packaged semiconductor device includes an integrated circuit die, a molding compound disposed around the integrated circuit die, and an interconnect structure disposed over the integrated circuit die and the molding compound.

1459828033-a8e32194-3736-419e-a21d-d803ccdc8318

A color measurement device includes an error detection function for color printing control. A client computer receives timestamped packets of compressed encoded audio data from the first audio stream, decodes that data and resamples it to a highest sampling rate supported by playback equipment such as a sound card. In the production method, the passivation is polarized together with the ceramic layers. In another illustrative embodiment of the appliance, it is achieved by terminating further fuel flow thereto. The first response and the second response are diverse or uncorrelated. Preferably, the coated fabrics have overlaid a second uncoated fabric on the inner surface of the coated substrate.

1459828034-141d8420-0f5c-4b28-ac93-2e8518625511

Technologies are generally provided for maintaining performance level of a database being migrated between different cloud-based service providers employing machine learning. The band has an outer panel with radially outwardly depending treads to engage with the land surface and raised traction supports on an inner panel to engage with the surface of the wheels of the toy vehicle. A composite image can be formed of the passage of radiation through an object acquired by the first and second sets of radiation detectors as the object is translated by the first and second sets of radiation detectors.

1459828034-7a7bd346-f81d-46bb-8c31-93c738d49158

Embodiments are directed towards the visualization of machine data received from computing clusters. The component that generates the offset is rotationally symmetric around the rotational axis of the optical element. The housing may comprise a top wall, a first side wall, a second side wall, and a front retaining wall. Alternatively, these anodes can be used with cathodes that facilitate other desirable reactions such as converting carbon dioxide to methanol. The movements of both carousels are automatically controlled so that at appropriate points in the testing cycle they rotate simultaneously about a common central axis and a crucible is deposited on a weighing platform by controlling the vertical motion of the entire carousel apparatus.

1459828034-b59787be-2690-4892-b4a0-487d99fa3f4e

System and method for creating, configuring, representing, and using variables in programs. The surface of said materials is at least partially silanised. The system provides a graphical display of useful golf-related information and can send a set of parameters tailored for a specific course to a real time tunable GPS to adjust for optimal performance and can adjust measurements to compensate for environmental condition changes. The transmission of the IPTV signal over the first network connection to the first device is ended. The compounds of the present invention show a selective and strong inhibitory activity on glycogen synthase kinase-3 beta, and are useful as medicaments for prevention and/or treatment of diabetes, diabetic complications and neurodegenerative diseases or as immunopotentiators. The powder is constituted by a scale-like base material, a group of particles including titanium dioxide particles deposited on a part of a surface of the scale-like base material, and a thin film of a composite oxide containing titanium and iron coating part of the surface of the scale-like base material.

1459828034-e36ea2f6-c49d-4cf0-bec1-0da848002cf7

The invention aims to suppress or prevent the vibration that can occur due to the intervention of a low-rigidity part between detector and rotating body. The Ribosomal Complex is composed of the subunits of ribosomes, the ribosomal subunits generally retaining sufficient integrity to preserve substantially the double-

stranded nature of the large r-RNA's contained in the ribosomal subunits. The catch extends from the bottom of the clip in a direction that the keyhole member is offset from the bottom of the clip. The example method further planarizes the interlayer dielectric layer and the via, and forms metal interconnects on the interlayer dielectric layer.

1459828035-0c54ac9a-5e01-4037-9074-c2748a212b18

A wellhead has, instead of a conventional Christmas tree, a spool tree in which a tubing hanger is landed at a predetermined angular orientation. The valve also includes a flow diverter disposed within the body between the inlet and discharge passageways to receive a fluid from the inlet passageway in an inlet direction. The focus detection apparatus has high precision, efficiency and process applicability. The wavelength conversion section is provided over the light transmitting section. Information regarding the pending emails are directed to the user's mobile telephone or PDA device, allowing the user to determine whether to respond to the electronic mail presently or defer response, in accordance with the user's preference at the time of receipt.

1459828035-24a2a472-68d9-4fcf-9215-f7146b96eae5

This invention relates to methods for neuroprotection, promoting survival of motor neurons and the treatment of motor neuron diseases by preventing cell signaling through the classic prostaglandin D2 receptor DP1. At least one of the bead portions having a bead heel and a bead toe wherein the bead heel is radially outward and axially inward from the bead toe. The support member includes a metal reinforcement for preventing wrinkling of the seal portion at bends of the sealing arrangement.

1459828035-c4ee8184-f799-4b69-bc9a-0e32c3e5b2fe

Monoesters derived from a dihydric alcohol and a carboxylic acid such as benzoic acid are secondary plasticizers for non-aqueous and solventless plastisols containing primary plasticizers that do not contain unreacted alkanol groups. The mass spectrometer comprises an ion injector that is configured to provide a plurality of ions for analysis and an ion selection unit that is adapted to receive the plurality of ions from the ion injector and provide only those ions having a selected mass-to-charge ratio for detection analysis. In addition, compositions and methods for identifying compositions for use in the treatment of neuropsychiatric disorders via these genes and gene products are described. In addition to the slides associated with each section, each of the sections is associated with one or more properties having values that can be defined by an author of the presentation. As an example, mass flow controllers can regulate the flow rates of a hot and cold stream of de-ionized water to produce a stream of de-ionized water at a desired flow rate and temperature.

1459828036-46474f98-ff45-4ce4-8cdf-b499286139cc

When electric elements are formed on a ceramic bar or the like, the positional displacement of the respective elements occurs due to a division exposing process or the like. Improving detector accuracy decreases missed detects and false detects. The logical state of a center bit triplet of the byte is detected. Resistive layers, each resistive layer including a first region are disposed in the first through region, a second region disposed in the second through region, and a third region disposed in the trench. Other aspects and embodiments are provided herein.

1459828036-d64bd68d-1b02-477f-a924-bd8d8bc6c2ed

Empirically derived models are used to relate user perception to objectively measurable characteristics, under a criterion of nearly perfect co-variance between predicted MOS values and the variations in the values of the objectively measurable characteristics. The first side wall constitutes herein the impact surface and the second side wall constitutes the support surface. In one aspect of the present



invention the packaging system controller provides packaging instructions by retrieving a predetermined set of packaging instructions associated with a particular part. In use, the hitch guide pivots to an extended position beneath the hitch socket at the end of the trailer tongue to guide the ball under the socket, and pivots to a retracted position beneath the trailer tongue after alignment. A programmable controller prevents the unit from being used solely as a keep warm appliance, and a unique design allows cooling of the controller during cooking. This allows the hinge to separate from the locking tab.

1459828037-622216ef-d0fa-4159-b329-6df605c154c7

Systems and methods for providing wireless enabled inventory peering are disclosed. An object type link table links together records in the meta table, and a content data link table links together records in the content data table. An exemplary method facilitates snapshot function coherently across a plurality of loosely coupled storage controller nodes via message communications through network interfaces.

1459828037-97b08f2e-63b7-469f-8080-218fa862d084

A method and system for matching digital information flow to the human perception system. When the images of remote conferees are displayed on a video conference station, the voice activity detection is utilized in order to designate which remote speaker is presently speaking. Here, the sensing electrode pair of the devices of the invention are suspended over an inert substrate via one or more posts used to space the electrodes from the substrate.

1459828037-acc81d17-2e45-407e-ba56-8d715bf03376

The present invention is in the field of nucleic acid-based genetic analysis. In accordance with an image forming apparatus provided with an optical beam scanning apparatus according to the invention, not only a wave front aberration on a photoconductive drum can be suitably corrected, but suitable beam diameter and beam profile can be obtained on the photoconductive drum. The sub clutch transmits the driving force from the input shaft to the output shaft during gearshift.

1459828037-c88df413-010a-43d8-9329-a7fbeb9769a

A sheet conveying apparatus includes an apparatus main body, a sheet cassette, a mounting portion and a conveying unit. The guiding rod is provided with a protrusion for restricting the movement of the optical pickup unit when the guiding rod is in a predetermined rotational position. The output signal arising in dependence on the deterministic test vector is evaluated by the application circuit by at least one signature register. The holding frame lamp is configured to retain a prefilter. In an embodiment, the modified request message is passed to an application for processing.

1459828038-d8d590f9-823b-4d41-8471-fd930e10871a

Compounds of the general formula are described: . The present invention is directed to interlayer film for a laminated glass, which comprises at least a pair of protection layers and a sound-insulating layer sandwiched between the pair of the protection layers, and which has a wedge shape as a cross-sectional shape, a wedge angle  $\theta$  of  $0^\circ$ . Scaling of the system is easily accommodated. A decoder decodes write address of the memory cell in response to the control circuit and regulating a constant current to flow through a selected bit line with reference to a result of the decoding. The treatment provider may also access the information through secured dedicated websites via the Internet.

1459828039-271d3730-7b5d-4ff2-89af-1f80656c45f1

In a method of determining a beam to be generated for a user, a user may be selected from a user population based on a parameter that is tracked for each user in the user population, and a beam preferred by the selected user may be determined. The activator precursor compositions are formed from a support

material, an organoaluminum compound, and polyfunctional compounds having at least two aromatic groups in which at least two of said aromatic groups each has at least one polar moiety thereon. Related radiation detection devices and methods are further included. The nozzle head housing further includes an interior chamber formed in the nozzle extension member which has a nozzle outlet opening, the interior chamber being connected to the nozzle outlet channel for receiving sealant material therefrom. The center rod has a first shank end and a second tool end.

1459828039-724debb3-d7cf-43d3-b66a-a84607636c85

A method of generating a non-reproducible printed image, for example on a check, involves printing a first, background layer of ink on the document, and then printing data on top of the background layer. The upper free sublayer may be softer and thicker than the lower free sublayer to promote this, and may be doped to reduce its magnetization while maintaining physical thickness. Also provided are kits and systems for use in preparing the subject compositions. A bearing rotatably supports the rotational shaft and is entirely spaced-apart from the end portion of the rotor in an axial direction of the rotational shaft.

1459828039-aab120e9-77ce-4583-9643-fa9162fbf4ed

Apparatus and methods are described for controlling the positioning of a document relative to a read head in a document processing system. The distal extremity has a peripheral wall defining a cavity and a distal opening communicating with the cavity. A first of the processing cores includes a router that includes at least an allocation unit and an output port. A first coder is configured to code first supplementary information, including coded pictures and indicating respective picture types of the coded pictures, in a decoding order of the coded pictures. Such compounds are represented by Formula I as follows: wherein A, B, G, Y, R1, R2, R3, and R4 are defined herein. The second entity optimizes its production to generate a request for the supplies and reoptimizes in response to promises received from the first entity.

1459828039-db2d32d3-ca3b-4fae-9beb-d46523123f39

A method of scheduling and making material time balancing decisions for a set of balanced tasks. The outer tube has slots accompanying adjustable electromagnetic coupling structures. The antenna array may be used in various installations, including cellular, PCS, MMDS, LMDS and in-building communication systems such as LANS or WLANS. The results of multiplications by the multipliers when the coefficient groups kb1 to kb3 are inputted, are added between corresponding multipliers by adders. A connector piece connects the deployment ramp to the vehicle. The BWE encoding unit generates as the extension data a first parameter which specifies a lower subband which is to be copied as the higher frequency spectrum from among a plurality of the lower subbands which form the lower frequency spectrum obtained by the MDCT unit and a second parameter which specifies a gain of the lower subband after being copied.

1459828040-bdddf941-d026-47f1-b64e-7822d6c603f7

System for drying a tissue or hygiene web. The method includes assigning public safety answering points to ports located in a network, where each of the ports is associated with a calling party number and a geographic location. The apparatus still further includes a portion-to-be-urged for receiving an inclined downward elastic force of a first main assembly side elastic member provided in the main assembly of the apparatus to urge the longitudinal positioning portion and the second portion-to-be-positioned.

1459828040-f928a0ef-29ae-4326-97c0-56e9fe9d9ae0

Systems and methods are disclosed for making content elements available for use at a public computing kiosk operated by a first-party operator. Even when the name corresponding to the data is not registered so that it is impossible to transfer the corresponding name instead of transferring the data, it is possible to reduce

the amount of transfer data among the data transfer devices by transferring the compressed data in which this data is expressed in a compressed form by utilizing the name corresponding to the registered reference data. The second clip component has a flange for contacting the second member, a tube for receiving the shank, and pawls inside the tube.

1459828041-9f9d8628-d360-4907-b652-53ca66b3ce45

An \u201cOblique Image Stitcher\u201d provides a technique for constructing a photorealistic oblique view from a set of input images representing a series of partially overlapping views of a scene. In certain embodiments of the method, the infiltration temperature may be 50\xb0 C. The fuel supply system is intended in particular for pumping fuel to an internal combustion engine of a motor vehicle. Ratings, compliance, ball flight path data can be calculated and displayed, for example on a map or timeline or both. Thereafter, a nitride film and an oxide film are removed.

1459828041-e9dee4d6-f3e4-4a47-a90d-dc0ddd6e0dec

The forgoing method, system, and apparatus relates to a touch sensitive display for use with a programmable multimedia controller. Frame-to-frame quantitative variations in temperature and position of anatomical nodes of the body maps are determined for the sequence and compared to reference profiles to produce estimates of physiological condition and psychological state. The p-type layer forms the base of the NPN transistor. The slides allow movement of the work surface vertically prohibiting rotational movement of the work surface.

1459828042-6cc2c52a-521e-4617-894c-50179bd419b6

A fiber optic connector assembly includes a fiber optic connector having an outer housing with a connector interface end, a connector interface housing mounted at the connector interface end, and a retention nut rotatably mounted about the outer housing. Furthermore, as a consequence of its construction, no medically relevant rule can be overlooked by the reasoning system. User age and name are entered in the date of birth block and signature block. In a described preferred embodiment, the applied energy pulses include laser pulses, and the physical element conjugated with a biological carrier is a light-sensitive semiconductor having an impedance which substantially decreases in the presence of light.

1459828042-e4a90cd0-0f49-4e06-abd9-bbfba805cc54

The present invention provides estrogen receptor ligands of structural formula the pharmaceutically acceptable salts, stereoisomers, and prodrugs thereof, and the pharmaceutically acceptable salts of the prodrugs, wherein R1, R2, R3, R4, R5, X, and Q are as defined herein. One or more masters may make a request on the ring at the same time, such that multiple transactions are simultaneously pending. The use of a wear member permits the use of lighter weight siderails and bushing plates. The shared radio is switchable between serving the BSS traffic and serving the mesh traffic. The three assemblies are connected to each other through several flexures.

1459828043-a6012dff-e640-4353-92ba-599bd8cad1cb

A multi-view imaging system for Vehicle Occupancy Detection including a gantry mounted camera and illuminator to view the front seat of vehicles, and a roadside mounted camera and illuminator to view the rear seat of vehicles. An input device comprises a component for capturing video images, an input image processor that generates an output signal responsive to motion from the video images, and an output image processor that is programmed to effect movement of the object on the graphical display in response to signals received from the input image processor. Each piece of the implant is inserted with its associated insertion device.

1459828043-a6fe4742-5d87-46f3-8efa-abbb5a67282c

An integrated information presentation system includes environmental controls that at least enhances the experience of giving a presentation. In the vehicle seat, the

seat back body includes a frame having a frame shape and serving as a framework, a front-side cover portion placed so as to cover a front side of an inner space of the frame and supporting a back of a seated occupant, and a back-side cover portion placed so as to cover a rear side of the inner space. An adjustment circuit includes a first delay circuit supplied with the external clock signal, and a detection circuit which detects a skew between timing of a first clock signal output from the first logic circuit and a second clock signal output from the second logic circuit section. An image forming method employing the photoreceptor is also disclosed. A color filter overlap is formed at the border region between the reflective display region and the transmissive display region.

1459828043-b88b84e3-fc40-4f84-aad6-2ba69cb7611c

The present invention relates to a purifying process for phosphatidylserine, the latter being prepared by trans-phosphatidylation of phosphatidylcholine with serine in presence of the enzyme D-phospholipase and containing as impurities hydrophilic compounds, proteins and inorganic salts. Tables within an existing database are searched to identify at least one candidate table that is associated with data that may be relevant to the defined content that is to be included in the new knowledge base. The mechanical venting assembly of this invention ensures that the vent openings associated therewith will not become plugged with debris.

1459828043-c7a2a757-039a-44db-bc91-7f2b71910a58

A method of identifying a cache line of a cache memory for replacement, is disclosed. The transverse elements each comprise a body part, a head part and a neck part therebetween. The charge transfer mechanism can be used together with a charged particle beam or laser system to modify small structures, such as integrated circuits or microelectromechanical system. The storage battery is coupled to the piezoelectric transducer for storing the electricity generated by the piezoelectric transducer. Lifting surfaces, such as fins, may be attached to the tail boom. Then, a sputtering film is so formed as to be continuous in an area bridging the surface of each of the chip areas and the inside surface of each of the trenches, and the semiconductor substrate is diced along lines outside the trenches.

1459828044-3a93500e-e1cb-4684-acfc-73c30d17d320

The present invention relates to high oxygen ion conducting oxygen storage materials, a catalyst employing the OICOS materials, and a method for converting hydrocarbons, carbon monoxide and nitrogen oxides using the catalyst. The robot may include various sensors, imaging devices or manipulators. The housing also has two plates depending downwardly from the bottom member and which form an inverted U-shape for mounting the device on a rim of the toilet bowl.

1459828044-50118b41-6c65-4966-83bc-a754823f6e29

Two shoulder harnesses are made from a pair of elongate flexible straps, each of which has a pair of like shoulder-engagable loops formed on opposite ends thereof and connected by a central section of the associated strap. The outer polepiece of the solenoid is provided with an axial, self-lubricated, non-magnetic bearing for closely supporting and centering an actuating shaft extending coaxially from the solenoid armature. Tie bars can be located on three main sides of the die attach pad, but not the fourth main side.

1459828044-b9ff6f4f-88e0-4b51-9bf0-aca54ac665db

An improved method for consistent updates of redundant data in a database is achieved advantageously by providing a dependency model identifying source fields and respective derived fields. A base contains an airflow generator, such as a motorized fan. Stage 1 removes the neutral lipid by extracting with neat supercritical CO<sub>2</sub> or CO<sub>2</sub> plus approximately 5% of a co-solvent. According to the present invention, the aqueous alkali silicate solution contains an emulsion solution having 8 to 10% silicone oil in relation to the quantity of binder, with

the silicone oil having a boiling point\02267250\0xb0. The actuator-generator is coupled to an elastically deformable component, such that electrical actuation of the actuator-generator generates tension in the elastically deformable component. An electron mobility and/or hole mobility within a zone of the semiconductor volume that is situated in front of the cathode is reduced relative to the rest of the semiconductor volume.

1459828044-e1c43762-e285-4565-93ce-56cf0fa3dbc0

A photoconductor that includes, for example, a supporting substrate, a photogenerating layer, and at least one charge transport layer comprised of at least one charge transport component, and wherein the photogenerating layer contains a phenol polysulfide. A processing unit may be configured to receive second data packets from the network communications devices. The invention also provides methods of modeling sequence-activity relationships.

1459828045-18983619-39fa-478d-a8cf-a870e80e378a

A communication device capable of receiving, processing and sending analog signals, characterized in that the device is coupled to the audio input/output ports of a built-in or external sound board attached to a computer, through standard audio plugs. The multiple passband filter has a plurality of poles concentrated in a desired passband of the filter. The source terminal of every transistor to be tested can be coupled to the source voltage source in such a manner that the source voltage can be measured and adjusted individually on every source terminal.

1459828045-54054004-cb68-4438-82ad-75318e4d623a

A first wiring layer in a circuit substrate structure is provided with a first inductor and a second inductor. The insulating layer is laminated to at least one layer of a co-extruded film which has been coated on one surface with a microwave susceptible material, such as aluminum or aluminum coated with a food-safe contacting polymer sealant. The container further comprises lifting means to independently propel and retract the product sticks. Longitudinal guides of the connector are received cooperating with longitudinal guides of the adapter to direct the connector into the adapter in a prescribed alignment.

1459828045-903bba8e-d39c-4046-af2a-2e8669bf7b19

A mounting bracket for an image sensing unit of a scanner according to one example embodiment includes a first portion and a second portion extending from the first portion. A galactose-containing compound is used as a carbon source for an embryogenic culture during at least one of the steps of induction, proliferation, and prematuration. The host system receives and decodes the power cycle request signal, or reads the status register, and performs the power cycle request, which can include power cycling the controller or the memory array in the NVM device, or both.

1459828046-672c56c6-264c-4558-986f-881a026bbb8d

A method and system for agent exchange-based materials handling. An amount of energy  $U_0$ , which is determined by  $U_0 U_i U_d$ , is applied to each non-ejecting chamber, wherein  $U_i$  is the energy imparted to each ejecting chamber and  $U_d$  is the energy that is carried away by a single droplet of ink, when all the nozzles are driven to eject ink at a maximum ejection ratio, with the temperature rise of ink jet head being saturated. A field weighting factor coding unit or a frame weighting factor coding unit performs respectively the coding of respective weighting factors when the respective modes are selected. The automatic exchange of settings and other information via a proximity-based RFID data exchange allows a media player to quickly establish a secure communication link with another device via a commonly supported wireless protocol such as Ultra Wideband or Bluetooth. The invention further relates to a process for preparing porous gels, to the porous gels thus obtainable and to the use of the porous gels as an insulating material and in vacuum insulation panels.

1459828046-6fec029d-b513-406a-a39f-64b0c95bed98

Fun \u201cnoodles,\u201d elongated flexible tubes formed of closed-cellular foam plastic used for play in water, are provided with decorative wiggly waggly tails at their ends, the tails being capable of new play patterns and water splashing effects. Overlapping sheets which pass the first and second separation units and are not separated are detected to be overlapped in a state that they are clamped by the nip of the drawing roller and pinch roller. If the page index of the DMA operation is less than the copy address pointer, the portion of the page that would be written to by the DMA operation has already been copied, so the DMA operation is performed to the physical address of the new page. First level shift circuits 170 shift levels of the voltages outputted from the first SH circuits 130. The memory is loaded with a first segment of code to control execution of cryptographic functions and hash functions, and a second segment of code to perform cryptographic functions on behalf of a third party having no physical control of hardware employing the cryptographic device.

1459828046-aec02b90-1a65-43dd-a773-4cb03b64b594

Disclosed herein are scintillating materials, methods for their manufacture, and method for their use. A self-healing is guaranteed by a reactive substance, which is encased in sheathed particles. A communications system including the receiver for recovering data and a method of recovering data from spread spectrum signals are also provided.

1459828046-e3b21507-8db1-4e9e-b43a-49a5b014c2ad

A pressure sensor comprises a first pressure chamber containing fill fluid at a first pressure, a second pressure chamber containing fill fluid at a second pressure, a porous dielectric diaphragm having first and second major surfaces exposed to the first and second pressure chambers, and first and second electrodes positioned with respect to the first and second major surfaces. A base station, connected to a public switched telephone network, includes a call processor, a memory and a transceiver. A luminance filter function is convolved with the reference luminance image to produce a local mean luminance reference image. The technique further involves performing a UAV remedial operation in response to the series of aileron deflection evaluations indicating abnormal aileron behavior, e. The temperature of the reaction mixture may be maintained at no more than 210\xb0 C. In one embodiment, a method includes communicating key information and cipher text generated based on the key information, or plain text, using a plurality of different, distinct and separate communication channels connected to an RFID tag.

1459828047-33b961f0-8031-4974-9976-92aa4ecac0d1

A display apparatus includes a plurality of pixels each including an electro-optic element, a writing transistor writing a video signal into the pixel, a holding capacitor holding the video signal written by the writing transistor, and a driving transistor driving the electro-optic element based on the video signal held in the holding capacitor. The first voltage is substantially equal to an on voltage of the sense amplifier circuit, the on voltage being obtained by adding an offset voltage of the sense amplifier circuit to an on voltage of a transistor constituting the sense amplifier circuit, or the first voltage is a voltage between the on voltage of the sense amplifier circuit and the second voltage. When it is determined that the specific apparatus is logged in, the function control unit permits the execution of the image processing function without the first request unit requesting the input of the authentication information from the outside. The alteration of the electrophysiological property can be accomplished, for example, by tissue ablation or by the administration of medication. These compounds inhibit the enzymes MEK 1 and MEK2, protein kinases that are components of the MAP kinase signal transduction pathway and as such the compounds will have anti-hyperproliferative cellular activity.

1459828047-dff84125-b8de-4728-8e4b-ed79e8684532

A clamping mechanism having a static plate and a dynamic plate rotatable about a transverse axis relative to the static plate is disclosed. Parse trees for the plain text are generated based on the grammar of a natural language, the parse trees are mapped on to instance trees generated based on an application-specific model. In this configuration, it is preferable that the first particle have a higher electron emission efficiency than the second particle and that the second particle be conductive. With this construction, it is possible to authenticate a person carrying the mobile terminal apparatus, and to verify whether data to be stored in the memory has been tampered with. A portion of the head support section is movable toward the head end of the mattress as the second support section is moved to an elevated position relative to the first support section.

1459828047-e68615d5-5927-4dbd-b22e-d4b2ecf4b8de

A method of enabling a knowledge management community. The memory contains a datastore. A reagent buffer tube, a reagent container and a third switching unit may be further provided between the sample buffer tube and the first syringe, or between the second switching unit and the input port of the dispensing tube. 5-12% of a thixotropic agent such as a fatty acid amide and 1-15% of an activator selected from organic acids and their amine salts, the thixotropic agent and activator vaporizing in the presence of the solvents while the solvents are vaporizing.

1459828048-3ee93fc2-545f-4149-bac5-2500edfdf5ba

The invention provides a low modulus drive belt for an automotive accessory drive system that allows for relatively high elongation during installation and that maintains a relatively high percentage of its install tension throughout the useful life of the belt. The form factor card comprises an adapter region for interfacing the card with the host electronic device, an on-card electronic device for performing a task for the host electronic device, an on-card intelligent controller, and an indicator in communication with the on-card intelligent controller to communicate an operational status of the form factor card. A through-hole is defined in at least one of the handles. In one of several alternative embodiments, a solenoid valve is added to convert electric power to activate the air delivery to outward and inward pressure airlines and to distribute the air supply between the outward and inward pressure airlines, respectively. The apparatus also has a simple construction, thereby reducing its production and maintenance cost. If so, the system triggers a remedial action, which can include: a full garbage-collection operation; a generational garbage-collection operation; or generation of a signal which indicates that a memory quota violation has occurred.

1459828048-4d56c9c6-6bdf-47ef-8433-ea5a80277cc3

The present invention relates to isolated polypeptides having dipeptidyl aminopeptidase activity and isolated nucleic acid sequences encoding the polypeptides. More particularly, the invention provides a surface-treating method of a fluorine resin suited to impart bonding properties to a fluorine resin for the laminate, to a laminate having a good property of bonding between the fluorine resin and the crosslinking elastic adhesive body, and also to a method for making such a laminate as mentioned above. A light emitting apparatus is positioned to illuminate the coin face at the predetermined station so that the image apparatus can capture an illuminated image of the face of the coin. The sensing device includes a housing and a sensor with associated electronic circuitry. The face plate insert includes a polymeric material that is disposed across the cavity and that has a tensile strength of at least about 220 MPa.

1459828048-e9c59928-b8ba-4da8-b05b-c5e63088e940

An acoustic shielding article which includes a shaped thermoplastic element that has a metal inlay element fixedly attached thereto, is described. The obstacle

detection stopping device comprises a support member, a rotary drum, a cam clutch, and a winding pulley. The top surface includes a recess formed therein whereby fuel flows into the recess from the supply passage. Span function is specific to the bending span configuration used and can change during measurement of a board.

1459828049-5ff696bc-a4b6-4eb0-b2b9-bc1aaed3c1a0

The invention encompasses protectant agents including uracil or a metabolite thereof that effectively prevent and/or treat the cutaneous toxicities and dermatological side-effects associated with chemotherapeutic agents. In the simplest implementation the switching can be on a round-robin basis, but the switching can be enhanced to prioritize and use quality of service requirements associated with each output request, and also to measure congestion at each access point and base switching upon the congestion level. The first hinge hole may be smaller in size than the second hinge hole. The system may be used in determining slow moving targets using a combination of monopulse anomaly and target spectral width measurements. This virtualization of terminal actual addresses with respect to a server improves service continuity in an efficient, low cost manner, independent of the need to modify the OS kernel in various devices. At the same time, since the preferred access is decided before the actual access attempt, control signalling can be significantly reduced, even at very high traffic loads.

1459828049-af74954d-e5b4-4150-9d6a-80a957157506

This invention is a new and distinct cultivar of a zonal geranium named \u2018Lavender Dot\u2019 the cultivar has a brilliant array of colors within the plant's light lavender pink blossom and dark green foliage on a stable, full, well branched plant. The drive mechanism includes a differential, a speed changing unit operably disposed between the differential assembly and the first and second axleshafts, first and second mode clutches and a brake unit. The client process contacts the client services process to obtain, after authenticating with it, the WAN address of the agent process and contacts the agent process to receive information or meta-data describing the media files available for streaming.

1459828049-cdd79b1f-f10d-474a-96d9-480079e59fa7

Discloses is a method for transmitting cell change instruction information, which is to be performed by a terminal in a wireless communication system. The defect induced layer has a higher crystal defect density than those of the first and second nitride semiconductor layers. This takes advantage of the inherent capacitance and inductance in the VCM, which maintains a current after the current supply is switched off. A controller is adapted to control a supply of a coloring agent from said coloring agent supply into said extrusion container in accordance with a selected brick type. Methods of coating particles with nanometer to multiple nanometer thick coatings in atmospheric pressure, and using pneumatic fluidization, are also provided. Thus, it is possible to correlate images with each other by using identification information of a user or the image pickup apparatus and identification information of an image capturing time, an image capturing position, or an image pickup target.

1459828049-ce6f4c29-7579-4c74-9dff-203b742c6719

A vehicle safety device includes a seat mounted within a passenger compartment of the vehicle, in which the seat is movably connected to a vehicle frame by a seat position adjusting mechanism that allows the seat to move along an axis between a forward-most position and a rearward-most position. Also, a tone difference between the target pixel and each peripheral pixel is detected. Via the two-way voice channel, an operator at a central monitoring station can verbally communicate with someone at the premises, for example.

1459828050-84232721-38d6-427b-9850-0b4f4380061f

The technology herein provides a dark blood delayed enhancement technique that improves the visualization of subendocardial infarcts that may otherwise be



disguised by the bright blood pool. The elements are provided with cameras and optical fibers to illuminate and inspect the barrel before lifting it. The analysis subsystem acquires crystallographic information from the workpiece after the workpiece undergoes a fabrication step by the first subsystem and then provides information, based on the crystallographic information acquired, for modifying parameters associated with the respective fabrication steps. The transformer has a primary winding. On receipt of the encrypted document, the repository's vault signs the encrypted document itself before storing the document in the electronic repository and returning to the originator's vault proof of deposit of the encrypted document. Bump electrodes are provided on the back surface of the wiring board in an array fashion.

1459828050-de1909d7-a0e0-471a-8359-0768151384a6

The present invention provides a method and an apparatus for reducing noise. The circuit includes a solenoid valve configured to be electrically controlled and to receive a fluid under a first pressure; a sub plate mounted valve configured to be hydraulically controlled by the solenoid valve and to receive the fluid under a second pressure; and a selector valve fluidly connecting an output of the sub plate mounted valve to a shearing blowout preventer and to a device. strong stimulation of the seedling initial growth. The liquid does not spread over the liquid-repellent region and is dried while moving the spherical spacer toward the center of the liquid. A first air channel is defined by a combination of a through-hole in the platform at the gap volume, and an opening in a back face of the housing. Medial advancement of the shaft into the ear canal is limited by a base, side extension, or mold coupled to a proximal portion of the shaft or other proximal part of the tool.

1459828050-fb030c35-e330-46b8-92fd-3e6f36fe5df0

The invention provides 1,3,5-trisbenzenes represented by the general formula wherein A is naphthyl, anthryl or phenanthryl group, and R is hydrogen atom or diarylamino group. The likelihood function may represent any statistical distribution. The nozzle arrangement has a body which comprises an outlet through which, in use, fluid is ejected from the nozzle arrangement and is formed from at least a first part and a second part, the first part having an inlet through which the contents of the container admit fluid into the nozzle arrangement during use and an abutment surface which contact an abutment surface of the second part. Following its deposition, the carbonaceous binder within the coating is cured to render the coating machinable, and the coating is then machined to approximately produce the net shape of the article.

1459828051-6a28ad59-b1f5-47d5-94db-9b7bdb179e33

Disclosed is a method for making a solar cell. The retaining device includes a supporting strip which can be fixed to the machine table edge and bears against the latter essentially over the entire length of the supporting strip. In various embodiments, fluocinolone formulations may be provided within biodegradable polymers to reduce, prevent or treat sciatic pain and/or inflammation. 15\xd710\mu221210 m and silica-alumina containing a quantity of more than 5% by weight and 95% by weight or less of silica.

1459828051-78d3ef14-2168-4023-83e8-0ca107e50086

A method of printing a fluorescent image on a surface of a receiver medium comprises forming on the surface by a thermal dye transfer printing process a first image of a first fluorescent dye; and forming on the first image by a thermal dye transfer printing process a superimposed second image of a second fluorescent dye, the first and second dyes having different emission maxima. A network facilitates message transactions between a requester and a responder for facilitating web services. The substrate preferably includes meta-materials. The thickness is sized to reduce the number of ring surface modes supported by the core ring.

1459828051-b3ae171d-d599-4ac7-aee2-cbd3e2c4386b

A process for initiating a highly selective ethylene oxide catalyst is provided in which the highly selective ethylene oxide catalyst is operated first as a standard Ag-based catalyst. or higher, in a simple manner at low costs without need of a large size facility and a number of steps. The print module drives the first direction-changing mechanism, which drives the first moving mechanism and hence the wiper to clean up the print head. Thereafter, a cylindrical cover member is attached to the outside of the lever base in such a manner as to cover the whole of the large-diameter portion and the substrate.

1459828051-bb8571c9-aff1-4d55-a19c-6a4c4b17232d

A hybrid lens includes a plastic lens and a glass coating film. A temperature sensor is fitted to the seal, and hence a temperature of the seal contacting with a rotary wheel can be directly measured. The verify ridge orientation characteristic map may be compared to the enrollment ridge orientation characteristic map to determine a match therewith based upon the first and second probability distribution functions.

1459828051-cc43c756-4df3-4c1b-a9e1-16ed7d7e805c

A coiled circuit device is produced by forming a circuit layer on a substrate. The method comprises forming the periphery of the inspection target structure so as to provide a progressive optical contrast transition between the inspection target structure and its surrounding environment. The arms are biased toward each other and one arm is longer than the other with a notch on an inside edge to receive the tip of the shorter arm when capturing small syringe flanges.

1459828052-094c174e-fe6c-4eb6-9034-8663b5b2ed0b

The present invention is directed to a method and system for use on a computer for the automated generation of commands or other data to populate tables of a database. First and second of these resonators have a first electrode connected to a first input of the secondary four-pole circuit and a second electrode connected to first and second outputs of the secondary four-pole circuit, respectively. To place a reference mark, a selection of a portion of a document is received. The gas stream includes a radioactive species.

1459828052-728027dc-89bf-47d0-8867-06d2d293bb66

A sensor for carbon dioxide detection may be adapted to have reduced water permeability. The multiplexer channelizes an input radio frequency band of electromagnetic energy into a set of output ports. The upper portion of the body member is designed for being positioned on an upper torso of the user.

1459828052-a60a762a-00b1-420d-a7f8-53cf0699fc30

A method, system, and medium are provided for connecting mesh devices to a wireless network. A generally U-shaped char tube has a base and first and second substantially vertical limbs. An implantable piezoelectric element receives the applied electrical waveform signal generated transcutaneously and, in turn, causes mechanical deformation resulting in mechanical vibration of the implantable piezoelectric element sufficient to stimulate the predetermined body part. A product integrity tracking system includes a movement monitoring device with one or more sensors for attachment to a product or packaging containing the product.

1459828052-bde24c26-dd2f-48cd-beb1-2710e9888c75

In accordance with one preferred embodiment, a desiccant cartridge for insertion into an integrated condenserreceiver comprises a rigid stand-off member and a porous desiccant bag. A multiple electrode set consisting of at least one reference electrode and at least one working electrode is located thereon in a downstream region. 1, and to a process for the preparation of these compounds and use as phosphors and conversion phosphors for the conversion of the blue or near-UV emission from an LED. The end of the at least one waveguide is arranged to emit

light into the at least one second capillary. An improved method of producing a polyether polyol uses the DMC catalyst to produce the polyol.

1459828053-2f54f186-75c8-4cac-8f94-d532b560c259

Methods, functional data, and systems are provided for image feature translation. The invention further provides methods of preventing or reducing the risk of a fetus or child developing an ASD by administering to the mother an agent that blocks the binding of maternal antibodies to the one or more fetal biomarkers listed above or by removing from the mother antibodies that bind to the one or more fetal biomarkers. ; a kinematic viscosity at 40 degrees C.

1459828053-35ee6b05-8a9c-4689-983b-84a4ae3f7ec9

An optical assembly includes a light directing film having an average effective transmission of at least 1. Exemplary embodiments include a HVAC system, including a load motor, a main breaker micro electromechanical system switch, and a variable frequency drive disposed between and electrically coupled to the load motor and the main breaker MEMS switch. The algorithm identifies the real IP address, and executes the dynamic web content on the browser to open a direct network connection between the server and device. A fluid communication path is defined within the adapter, allowing mastic to flow through the adapter. The rotor axially presses the seals toward the housing base until contact areas of the rotor and the housing base oppose each other and are close to each other. By identifying content resident at a number of different repositories, such a directory allows cell phone users to identify the diversity of sources from which desired content can be obtained\u2014some available on a scheduled basis, others available on demand.

1459828053-5d37d33b-c80c-40e7-91d2-69511d6b5599

A visual server system includes a visual server that provides graphics images through execution of a graphics application. The turbocharger includes a compressor having an outlet fluidly coupled to an intake manifold of an internal combustion engine and a compressor outlet, a turbine having an inlet fluidly coupled to an exhaust manifold of the engine and an outlet. The pattern includes a first region being in the form of a localized on-grid array and a second region where at least one of the features has an increased width. A layer of adhesive is provided on the bottom surface of the base, but not on the under surface of the radially extending member. With the heat-transfer suppressor, the thermal diffusion from the high-temperature reaction section to peripheral area is effectively suppressed.

1459828053-ab90dc56-419c-4796-8142-78ec85297401

A slider is formed of a two-phase material having a first component and a second component that is harder than the first component. When an excessive number of errors are detected in an Ethernet port, a device enters a Links Off mode from a Transport mode where Ethernet ports are turned off at both ends of a circuit associated with the errors. Therefore, the user who works while seated and thus may have a high practical need for spinal stretching may simply stretch his/her spine even during work, without being restricted in time or space, leading to the effect of treating and preventing spinal disorders such as herniated lumbar disc and scoliosis caused by the long-term use of a chair. The at least one flange segment is arranged for enabling a cog belt to be configured onto the pulley without interfering with the at least one of the flange segment. Delivery of the ball to the housing, and delivery of compressed gas to expel the ball, requires only one moving part, namely the valve assembly revolving in the chamber. The butt portions of adjacent tensile strength bodies are longitudinally shifted relative to one another in a circumferential direction of the rubber crawler, and at least 75% of the butt portions are positioned on planes of projection of the core bars.

1459828054-a56ad655-35b8-4816-8a26-1ca3c7f3eab2

A production machine that allows a machine user to accurately and simply determine a parts code for a desired part in order to replace a defective or exhausted part.

In a rotor of this type, a crack-free welded joint is achieved by the fact that, to join the two rotor sections, a transition region is arranged between the two rotor sections, which transition region is produced by powder metallurgy, is welded to one of the two rotor sections at least on one side, and on this side has the same composition as the rotor section to which it is welded. The multicomponent fiber is capable of being drawn at a relatively high fiber speed, particularly at least about 2000 m/min, and may be used to produce microdenier fibers. The treatment of SRB with both a biocide and a metabolic inhibitor provides effective biogenic sulfide inhibition at significantly lower concentrations than would be required if the biocide or metabolic inhibitor was used alone. The method may also modify the model based on exception conditions. Accordingly, a pattern including a non-periodic portion finer than a resolution limit of an exposure apparatus is formed.

1459828054-d1a0db4f-56e7-4148-8c37-cc68e06d79fe

A method for facilitating electronic certification, and systems for use therewith, are presented in the context of public key encryption infrastructures. A printing method includes generating a plurality of types of drive signals, and ejecting the dark ink and the light ink from a head, an amount of each ink varying for each dot tone value. When the apparatus is operated in a disc destruction mode, the shared second shaft is rotated in an opposite direction than the paper shredding direction and interleaves with the stationary structure to at least damage an optical disc fed through the disc receiving opening. A portion of the cap layers in a second region of the substrate are removed so that the cap layers have a thickness smaller than or equal to the buffer layer. In one embodiment, the level 3 network is used to carry configuration data for the MCPEs while the broadcast network is used to carry configuration data for the level 3 network drivers and switches. The actuator blocks are arranged in a zigzag pattern so that adjacent actuator blocks are spaced apart from each other in the scanning direction while partially overlapping with each other with respect to the head width direction.

1459828055-2da719c3-2da2-406f-8df3-75b683d9fb4f

A combined spring brake modulating relay valve integrates the functions of a relay valve and a modulating valve. The blends of carbon black or other fillers are preferably pre-blended prior to introducing the blend into a product such as an elastomeric or polymeric product. A plurality of conductive terminals having terminating portions are respectively terminated to the distal ends of the conductors. The first drive mechanism is provided to the main body and configured to cause the first movable unit to be displaced in the second axis direction with respect to the main body to generate a moment about a third axis to the holding unit. The side slip angle velocity is integrated, preferably with an anti-drift integration filter.

1459828055-68101541-44c7-4dee-8291-a79d890b7c3e

An article of footwear with a detachable wrap is disclosed. A data driver divides input digital data into a number of digital data under control of the controller, converts the latched digital data into a number of analog data, and then simultaneously samples the analog data to supply to the data lines. The screen capture application may store the components as a plurality of layers within a layered image file.

1459828055-72b9b4ad-93b4-4971-8340-5393de1d6d4b

A method for imaging a desired coronary artery or desired portion thereof is provided. The prober replacing device has a conveying device for conveying a prober for inspecting a liquid crystal substrate. The heat sink includes a central cylinder and a plurality of fins spaced from and surrounding the cylinder.

1459828055-b8c4c48d-a77f-482e-a3b2-b2fb0e0d20d2

The invention relates to a method for controlling an actuator which can be displaced between two end positions, said actuator being impinged in one end

position and being capable of displacement to the other end position by an electromagnetic part. The receiving module receives a desired weight value to correct an imbalance of a wheeltire assembly. The oscillating device is connected to a second con rod connected to the crankshaft for relative rotation on a second axis parallel to the first axis, and also to the first con rod for rotation on a third axis parallel to the first and second axes. The basic raster is then superimposed on a fine microraster in such way that the area coverage of the basic raster is reduced by a percentage which can be set between 0% and 100%.

1459828055-e2e20c3c-3524-41f3-a90d-c4d206a3a88e

Described herein are antibacterial compounds of formula I, methods for making the compounds, pharmaceutical compositions containing the compounds and methods of treating bacterial infections utilizing the compounds and pharmaceutical composition. A memory system allowing fast and efficient data transfer can be achieved. , cutting or puncture from a shovel. The mass damper can move relative to the frame of the reel mower by shearing the elastomeric material forming the couplers. Meanwhile, the the 3D data in the z-axis direction is Fourier-transformed and rearranged on a kx-ky-z space, a two-dimensional Fourier transform is performed on the z-data completed in a kxky direction and a 3D image is acquired for real space.

1459828056-26b95d28-2337-4668-8412-92c24dc12cdd

Hardware of each of controllers for controlling a plurality of instruments to be controlled, which are provided in a reach stacker as a heavy duty industrial vehicle, for example, a vehicle body, a spreader, and a cabin, is rendered common. An extension layer is coarsely divided into a system for processing a first channel and a system for processing a second channel. In one embodiment, the method includes a first component of the data center receiving first and second requests. The voting circuit then determines a bus inversion values based upon whether the number of bits on the data that have changed exceed a value that depends upon the indication of bus width. In particular, 3-aryl quinoline compounds, their synthesis, pharmaceutical compositions thereof and methods of treating infectious diseases such as malaria, are disclosed. The transmission speed detector detects data transmission speed information between a host and the scanner.

1459828056-4953be46-724d-44dd-9fa6-d619337891d7

A transmission apparatus for a working vehicle comprises a hydrostatic transmission, a sun-and-planetary gearing unit, and an auxiliary speed changing system. The two parts fit together so that a developer roller in the toner part contacts a photoconductor drum in the other part. A first emitting layer and a second emitting layer are sequentially disposed on the anode. The signals define event content and non-event content. The technology facilitates analyzing user input to identify a d\xe9cor style from a d\xe9cor style dictionary, obtaining d\xe9cor that harmonizes with d\xe9cor style, and presenting a representation of the d\xe9cor to the user.

1459828056-5481c6b0-90b3-4066-a30d-46351aa1b745

An improved multi-port memory cell circuit which has a smaller number of write lines and/or transistors than conventional multi-port memory cells, and hence occupies a smaller area, is provided. Preferably, the absorbent interlabial device has a liquid pervious topsheet, a liquid impervious backsheet, and an absorbent core disposed between the topsheet and the backsheet. During a calibration phase of operation the converter inputs receive first and second different codes representing the same output level.

1459828056-b30965cd-66c4-42c5-b53c-7628987cfda9

The telephone memory aid provides a database to a primary party for storing and retrieving personal information about a secondary party, including summary information related to communication exchanges between the primary and secondary

parties. The machine elements can easily be separated by hand or with simple tools and inserted individually, for instance into the needle tracks of a knitting machine. Height adjustability is possible because the rectangle-shaped component has a series of holes bored vertically into the two faces that will contact the interior faces of the L-shaped component.

1459828056-ed8e5279-1817-4665-8b94-97a572382e4d

An optical transmitter of a subscriber optical interface and an optical receiver of a laser transceiver node can be designed to a frequency of data that is formatted according to a predetermined network protocol, that is encoded with a predetermined coding scheme, and that is transmitted according to a predetermined data transmit timing scheme. The bioconjugated composition has improved properties compared to colstrum compositions that are not bioconjugated with a hydrocolloid agent. The reversion of gray scales that occurs when the address light is increased as high as the sustain light can be eliminated to achieve correct gray-scale representation. The cover member is removably attached to the side walls by being slid into and out of the guide tracks from a longitudinal end of the side walls outboard of the side sheets for an auger clean-out procedure. The thin sheet metal of the housing has an average thickness of maximally 0.

1459828057-0cb04f5f-35d9-4362-b35f-094f4aea0218

A data processing apparatus and method for converting a number between fixed-point and floating-point representations. In one embodiment a first message comprising a first value and an address is generated. The invention additionally relates to textile machines and thread feed devices equipped with such a thread brake. A dummy stack ring is formed around the memory array. The bill acceptor assembly includes a validator assembly capable of accepting a stack of individual notes in a receiving slot mounted to the gaming table, processing the notes one at a time, and passing valid notes through a hole in the gaming table or along the back edge of the gaming table to a cash box located below the gaming table. In one embodiment, an electronic device comprises a processor and memory controller logic to determine a memory refresh frequency for a memory system and transmit refresh commands to a refresh control logic in at least one memory bank coupled to the memory controller according to the memory refresh frequency.

1459828057-3bd035d1-d826-48c2-825f-f17a1fb1c84e

A microprocessor configured to receive and process digitized signals derived from an analogue ECG signal is provided. The radius of curvature of the bearing pin journal and cone bearing surfaces are matched or conformed on the bearing pressure side. Each fan module may contain water injection piping and nozzles, which allows the fan cooling system to dispense fog. The light emitting polymer materials are deposited using flexographic mats, the relief portion of which have patterns corresponding to the respective portions of the glass substrate being covered by the light emitting polymer materials being deposited. The alloy fill is formed by electroplating the Cu surface in a unique chemical solution containing salts of Zn and Cu, their complexing agents, a pH adjuster, and surfactants, thereby electroplating the fill on the Cu surface ; and annealing the electroplated CuZn alloy fill ; and planarizing the CuZn alloy fill, thereby forming the dual-inlaid copper interconnect line.

1459828057-4c0e569f-bb56-410f-a740-91152992b6f9

A lenslet array having lenslets where the lenslets are variously shaped, and/or rotated and/or tilted, reducing gap images in an image formed by pixelssubpixels, where the pixelssubpixels have gaps between each other forming the gap images. The sensor data comprise measuring point set measured at different time points, and the movement of the object is determined between different measuring point sets. In some aspects of the method the semiconductor buffer layer is formed from YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-X</sub>, indium oxide, or ruthenium oxide, having a thickness in the range of 10 to 200 nanometers. In addition, the apparatus has at least one adapter moveable element

retained within a passage located on the knob and least one drive spindle moveable element retained within an additional passage located on the knob. The tubular portion splits the flow of air running along the radially inner wall into an inner air flow passing between the tubular portion and the inner flange of the chamber, and an outer air flow passing between the radially inner wall and the tubular portion. Finally, a computer program product comprising a computer usable medium having computer readable code embodied therein for producing images of a virtual three-dimensional book is also disclosed.

1459828057-8ac041d5-91fc-4c32-ac83-6697b5d6fa89

In a system for providing customers with information assistance services, records are generated to register service events. The reactor comprises at least a first feeder and a second feeder on one end of the vessel. A power cord is also provided, which remains physically spaced from the electrical outlet socket. A memorabilia compartment is formed within the cap and includes an access opening and an interior. The fastening portion is inclined with respect to the first end portion by an angle  $\theta$  corresponding to an angle of separation of the ear lobe bearing the earring with respect to the cheek, forming a bend, so as to put the earring straight with respect to the cheek. The scanner software application also constructs an output image that can be printed, saved or communicated.

1459828058-a39164b6-9719-4950-aef5-466f299e517a

Fluid separation assembly that allows easy and fast change-out even in confined spaces, and also minimizes or eliminates leakage during change-out. A first subcircuit has the first input set, logic generating control output signals, each control output signal represents whether the first input set has exactly a predetermined number of high input signals. A power estimator processes the signals from the microphones and the first beamformed signal from the first beamformer in order to generate, in frequency bands, a first statistical estimate of the energy of a first part of an incident sound field.

1459828058-f138afee-969f-4009-bdbd-e5f31e80c989

The invention provides a structured material composed by including a noble metal, in which an oriented layer is formed on a layer containing a Group 4A metal. A universal translator is provided to interface between individual system components that exchange data in a seamless manner between legacy data formats and specific data formats advantageously employed by newly-developed, procured and installed individual component systems. The composition can also take the form of a troche, a candy, a wafer, an orally disintegrating tablet, a sublingual tablet, a buccal tablet, a buccal patch, an oral dissolvable film, an aerosol or spray, a lip balm, and chewing gum. In this manner, the laser is continually being used to mark semiconductor chips without having to wait for unmarked chips to move to the marking location. The pressure chamber comprises an orifice in a wall of the pressure chamber; and a check valve corresponding to the orifice, the check valve configured to allow gas that results from ignition of a propellant to enter the pressure chamber via the corresponding orifice and to prevent the gas, once inside the pressure chamber, from exiting the pressure chamber via the corresponding orifice. The mobile device may be configured to scan for a wide variety of tags, including tags in the form of quick response codes, steganographic content, audio watermarks, audio outside of a human audible range, radio frequency identification tags, long wavelength identification tags, near field communication tags, and/or a Memory Spot device.

1459828059-23c69f8b-83fc-4f63-8fa2-80c02e403a99

Disclosed are a method for manufacturing a positive temperature coefficient device and a system for preventing overheating of a planar heater using the same. A first dielectric layer and at least one first conductive layer are included on the substrate. The inventive particles are made of an inorganic material comprising oxygen, in particular an oxide, said material having an adequate density, and can

be activated in vitro, ex vivo, or in vivo, by controllable external excitation, in order to disturb, alter or destroy target cells, tissues or organs. The all-solid planar sensor cell has two or more film type electrodes arranged on a non-conductive planar surface of a supportive material. In this manner, the system provides improved access, storage, and on-line availability of digital images. The method may comprise varying radiation absorption by varying the intensity of the radiation incident on the surface portion of the layer, or alternatively may comprise varying the radiation absorptive properties of the particulate material over the selected surface portion of the layer, for example by printing a radiation absorbent material onto the surface portion.

1459828059-551b3736-b776-451a-9e2b-953db2a1d149

An inkjet printer system includes a print head, a sub tank, a pressure controller, and a check valve. The device can be any type of physical object and includes an address pattern statically printed thereon or generated in the background of a display. The keyboard is connected by links to the platform for the monitor so that when the keyboard support is pulled out for use the monitor is moved into an operative position from an inoperative position in which it is out of the way. By averaging a plurality of polarization states within a channel, PMD can be estimated for compensation. Where LRL is about equal to LPL and DWKG is selected such that the PLI gets focused by the FLRL into the ILI at the FLIS top surface with an imaging magnification factor of about 1:1. Component is uniformly dispersed in the composition without forming coarse agglomerates to secure low stress properties.

1459828059-9d96711a-9048-428d-a11a-e81061b86cae

Aspects of the invention relate to intracranial electrodes and methods for implanting and using intracranial electrodes. The position of the visible portion of the page of information on the display is constrained if the motion does not exceed the threshold. The body includes an outer surface, a tapered inner surface, and a vertical portion. A feed mechanism that varies the printing medium advance rate to allow printing at below threshold velocity while maintaining a high average feed rate is described. The covering member includes an upper plate and a second sidewall that protrudes from an edge of the upper plate.

1459828060-499a29c8-cca1-4a0b-ac62-e4ab44fd7278

A method for controlling wafer uniformity in a polishing tool includes providing a plurality of carrier heads, determining a signature for each of the carrier heads, and installing carrier heads with similar signatures in a polishing tool. The at least one shut-off flap may selectively allow the product to be dispensed from the outlet orifice. Once the received reflected power rises or falls to the threshold, the emitting power is not further increased or decreased respectively, but is maintained constant. In consequence, in the X-ray CT apparatus provided with a slip ring, the wear debris produced in a contact space between the slip ring and a brush can be prevented from being scattered in the apparatus. Also provided are methods for expressing amplified siRNA expression cassettes in cells. A protective layer is formed over the stack.

1459828060-acd0b6c5-582e-4915-84a4-fdd2d4a6a552

It is an object of the present invention to provide a protein that can successfully treats almost all patients with cedar pollinosis and can be ingested as a food. The injectively-mixed backmixing reaction chamber induces alkyl free radicals prior to input to the tubular-flow reactor. The IQ phase imbalance detection and correction circuit equalizes for the relative phase imbalance and the IQ gain imbalance detection and correction circuit equalizes for the relative gain imbalance between the I and Q channels created by the analog portion of a quadrature receiver. The gradient index rod lens has a lens length larger by 0.

1459828060-fb3fd88f-aa70-415c-83ee-20daeb52b904

A banking system that utilizes metrics in acquiring and processing event data



related to financial transaction activity at a plurality of automated banking machines. Various optimizations which may be used individually or in combination to minimize the potential disruption to the viewer. The sheet delivery device delivers the sheet conveyed by the sprockets and delivery grippers. The contraction portion accelerates a first portion of the airflow directed toward the second portion of the disk of the hard disk drive.

1459828061-11e78ae6-6a8b-424e-9473-fd7eae85cdeb

A method and system for automatically identifying and tracking a ROI over all planar acquisition view angles of a nuclear imaging system, such as a gamma camera used for SPECT or planar imaging. The pallet has a set of openings corresponding with features of the mobile drive unit. The received management information is converted into a specified format, and the converted management information is then sent to at least one management application in conjunction with the sending of presence information to the at least one management application. Next, Bayer pixel averages and Bayer pixel differences in horizontal and vertical directions of the color filter interpolation case are obtained.

1459828061-c5787743-7241-4693-89e4-086396dae960

A set of tools for removing a half turn of a coil from a slot of a dynamoelectric machine. The upper end of the sheath is held in place within a channel formed in the feed filling funnel. Each layer, from a lowest hierarchy level to a top level, provides relatively increasing selectivity and invariance of the input image.

1459828061-ecbece8b-463b-4f57-b837-2723ac6ab7e9

A photo-radiation source for the selective polymerization of photo-radiation-curable organic material. The rotary wheel is mounted in the inner surface of a ring-shaped frame. At least one annular reinforcing zone is incorporated in the body of the liner.

1459828061-f03b679d-ee5d-4df8-b51e-7b6791bb145b

A fiber gain medium assembly is provided. The method further includes converting the caller identifier information into caller identifying textual information, and inserting the caller identifying textual information into the digital video stream using a visual timecode video insertion format. In other arrangements, a track assembly includes two nested tracks, an inner track and outer track.

1459828062-57496178-0618-4df6-a099-199668321125

A method and system are provided for downloading software components from a remote source to a software application for providing updates or additions to the application's functionality. The degassing structure comprises a sliding member for receiving the pushing force of an elastic member from the bottom side, and a sliding member acceptor for accepting the sliding member slidably in the vertical direction. Each of a plurality of human interfaces may be coupled to one of the plurality of computing systems by a communications link. The structure further may include a n-type electrode provided on a side of the upper surface of the n-type layer; a first back electrode provided at one side of the back surface of the insulating substrate; a second back electrode provided at the other side of back surface of the insulating substrate; and an optical element packaged on the base substrate. When an IM conversation is completed or a window is closed for the IM conversation; the IM conversation is automatically saved. Furthermore during transient operating conditions, the dwell angle TDWLLB is also increased and the correlation of the ignition timing control with respect to a suitable ignition timing is improved.

1459828062-69be14d3-fa4d-4c4b-b67a-c29836fee333

An improved driving circuit for piezoelectric lamps includes a power switch unit and at least one piezoelectric transformer. Identification and classification of intuitive hand configurations and motions enables unprecedented integration of

typing, resting, pointing, scrolling, 3D manipulation, and handwriting into a versatile, ergonomic computer input device. Then, it is not necessary to provide a circuit for measuring electric resistance between the sensor electrode and a workpiece as a conventional way, thereby avoiding complexly structured plasma detector.

1459828062-6b3d6037-0276-408a-8a03-4c954943963a

An object of the invention is to provide a semiconductor device having improved performance, high reliability, and a reduced chip size, in particular, to provide a semiconductor device having an MOSFET over an SOI substrate capable of maintaining its reliability while controlling the potential of a well below a gate electrode and preventing generation of parasitic capacitance. The drawer comprises a sink which is disposed in the drawer proximate the top of the drawer near one side of the drawer and the sink comprises a fold-down faucet, valves and a drain. The first surface of the semiconductor substrate includes a top protective layer that has a surface portion extending beyond the edges of the semiconductor substrate. The wafer processing region is located between the outlets of the hollow cathode cavities and a surface to be etched. The devices may be used in a location system to provide known reference points to a network of other devices. The second clock is set to the phase position corresponding to the sampling point such that data may be recovered at that sampling point.

1459828062-f2b0c5ed-66ad-4934-b9bb-439de5d8420d

Disclosed is an apparatus for making tubular-shaped membrane electrode assembly. In the panel, an upper substrate and a lower substrate are opposed to each other and have a plurality of discharge cells therebetween. In another aspect, microfluidic substrates have channels which varying in cross-sectional dimension so that capillary action spreads a fluid only within a limited portion of the channel network. Therefore, it is possible to reduce the other optical aberrations such as distortion and simultaneously to design the imaging lens so that the astigmatism takes on a maximum value at the outermost portion.

1459828063-0c9af16e-85ca-4b3e-8968-946957ab57d4

A technique for producing compacted graphite iron utilizes agglomerations, such as briquettes or tablets that include a sulfur-containing material such as iron sulfide. The filter bag is releasably attached to the mounting assembly by a plurality of suspension elements that suspend the filter bag from the mounting assembly. In addition, the process involves returning acetaldehyde separated from the crude ethanol product to the reactor. Internal activation of carbon catalyst is accomplished by recycling of hydrogen-depleted gas containing unsaturated and aromatic hydrocarbons back to the reactor. The cable comprises a plurality of conductive cores electrically connecting the tail portions of the contacts, respectively. The test station may be a mobile test station.

1459828063-4fb1df53-ebf9-4dbe-b04b-a9f3f180b151

Aspects of the disclosure provide an integrated circuit that is configured to have an increased yield. Note or musical score marks of a same performance part can be displayed across two musical staves, by determining any one of the plurality of musical stave rows where the note or musical score symbol is to be displayed in accordance with the attribute information. With this method, the server authenticates from these two terminal IDs according to the ID fields of the old and new versions, and additionally updates the ID in the old version to a new one. Predecoding is performed in parallel with translation of the linear address to a physical address by translation lookaside buffer logic. The job may be submitted to the selected computing system to have the software application run the job to completion.

1459828064-07acf25d-20cb-4619-beae-e4bf88d2eeae

A method for correcting reciprocity error in two port network measurements, in

which an iterative algorithm is used to obtain an optimal symmetric matrix approximation to a measured 22 reciprocal network. The apparatus includes a heater element for providing heat flux, a member disposed on a surface of the heater element for receiving impinging cooling air. A first dielectric layer is preferably placed on the components, thereby embedding the components in the structure. A partner loyalty account balance is updated according to the standardized loyalty unit debit obtained in the step of calculating. In accordance with the present invention, at least one of the two components is upconverted to a frequency  $f_2$  hz and is then added in a non-overlapping manner to the other component with the result that all modulation information is conveyed by a single signal. One system comprises a plurality of portable modules for the incident scene and configured to transmit wireless signals.

1459828064-47727d88-ce77-48ab-9bed-a048979e6940

A marine lamp includes an LED and a heat sink that removes heat from the LED. These oxide particles may become inclusions that limit low-cycle fatigue life of parts. The first routing device may advertise status information for itself and/or for one or more other intermediate routing devices. A capacitive sensor mounted on the vehicle and connected to the controller provides an output signal to the controller indicative of the presence of a foreign object in the path of the closure panel. The anchor plate includes at least one generally planar body portion having a first set of mating apertures adapted for alignment in registry with the first set of fastening apertures of the web. The source produces a probe pulse in a probe state having components with different photon numbers, and each matter system has at least one state that interacts with photons in the probe pulse to introduce a change in a phase space location of the probe state.

1459828064-899b55ec-6cb5-400a-a8f9-351137d7b258

An oil lift pocket for a bearing surface having a plurality of channels in communication with a supply port. In one particular example, an individual is identified who is genetically susceptible to becoming schizophrenic. For each storage controller, the execution throttle levels for those servers that have logical ownership over logical storage units of the storage controller are verified according to rules governing the command throughput of the servers and the storage controllers.

1459828064-a95781bd-32c0-406e-9fd2-353e2d1b5efc

The invention relates to a surface layer which comprises a plurality of layers, of which one layer is a ceramic wear-resistant layer and another layer is a transition layer to a metallic substrate element. The NGOX layer may be over a silicon substrate. Access to that real time pricing information is obtained by individual users via a distributed computing network or radio frequency broadcast system and utilization of those resources is then locally controlled based upon that pricing information. The TRIC instruction determines whether the run-time-instrumentation controls have changed. A method of fabrication is provided. The coating material has air-filled glass spheres therein.

1459828064-f907f324-910a-41eb-992a-e3ade6e2128f

A passenger accommodation unit with a deployable bed includes a passenger seat and a passenger bed positioned relative to the seat and adapted for movement between a stowed position in which the bed is upright and adjacent to the seat, and a deployed position in which the bed is horizontal for use and overlaps and is supported in part by the seat. The digital image comprises pixels arranged in a color mask of at least three different colors. The memory and the computer program code are configured to, with the processor, cause the apparatus to determine a mobility state of the apparatus, and collect and store measurement data in the memory depending on the mobility state.

1459828065-f226402d-1908-41ed-abfb-aa787fe1bd92

A protective device for use in the protection of at least a portion of an elongated article which includes a main body, first and second parts which are connectible together such that, in an assembled position, the main body has a chamber therein. ; an aromatic epoxy resin having 3 or more epoxy groups in one molecule and an epoxy equivalent of 200 or less; a phenol type curing agent; one or more resins selected from the group consisting of a phenoxy resin, a polyvinyl acetal resin, a polyamide resin, a polyamideimide resin, and mixtures thereof, and having a glass transition temperature of 100\xb0 C. The last value is relevant to debugging of the computing system when the computing system fails to perform as expected and/or as desired. The receiving channels in one direction of curvature follow the curvature of the structural part of the first type. The path metric calculation unit calculates the path metric values from the branch metric values, a path metric value being an indication for the likelihood that a sequence of samples corresponds to a sequence of states.

1459828065-f5764735-d056-4f1f-8643-c383d3f2ad75

The invention relates to peroxide compositions comprising a reactive diluent for the peroxide, wherein the diluent is either a component containing one or more vinyl ether group and having a monomeric structure according to formula 1,  $\text{R}_2\text{C}=\text{CHOR}$ , or is a suitable resinous compound comprising, in a covalently built-in manner, a component containing one or more vinyl ether group. A U-shaped tubular member includes a medial portion rotatably secured in the mount, and arm rest cushions secured to opposed side arm portions. The notifying unit notifies an optical transmission device at the upstream side of a control frame that includes the value and that includes information that indicates the execution state of the optical power control. The detection module detects a rise time of the first enhanced pixel signal. A field plate is formed in the field plate trench, wherein the field plate is electrically isolated from the sidewalls of the field plate trench. The negative active material may improve capacity and lifespan characteristics by inhibiting volumetric expansion of the silicon-based alloy.

1459828066-2b42aad5-86b5-4332-b9b4-8507eaf0c238

Method and system for improving the security of storing digital data in a memory or its delivery as a message over the Internet from a sender to a receiver using one or more hops is disclosed. The present invention provides a method of modeling dynamic relationships by inputting data related to the collaborative relationship into a model, which comprises a plurality of components key to the collaborative relationship. The cartilage map can be correlated to a movement pattern of the joint to assess the effect of movement on cartilage wear. One example binder comprises the reaction product of bisphenol A and a molar excess of an aldehyde, such as formaldehyde. The method includes providing a deliquescent ion implantation source material and mixing the deliquescent ion implantation source material with an organic liquid to form a paste.

1459828066-8c003bb1-8ee6-44b0-923f-385e5d06c800

A safety propeller for a boat motor includes an annular collar having a front opening, a rear opening and a continuous peripheral wall. The boom includes a first end pivotably coupled to the base and a second end positioned away from the base, the boom being pivotable about a boom pivot axis extending transversely to the boom proximate the first end. These steps include minting and distributing the chip card, establishing that the key pair and card are given to the right person, and creating the certificate library. The cable is coupled to a point in the display assembly and to an area of the base. Detection of a person passing near a zone detector may cause a staircase illuminator to illuminate a staircase area. The chemical compounds are preferably ionic liquids.

1459828067-8780ec51-97fb-4955-8bf6-cd8483400ad5

A method for producing a light-emitting diode device includes a step of preparing a sealing layer by sealing in a light-emitting diode with a sealing material; a step

of preparing a fluorescent layer by allowing a phosphor-containing resin composition containing phosphor and silicone resin to reach its B-stage; and a step of bonding the fluorescent layer to the surface of the sealing layer. A future event associated with a first user may be determined, and a second user that is associated with the first user and the future event may be identified. In the device, the switch is turned on or off depending on data held in another latch located adjacently in a direction of the word lines, to control a connection between the bit line and connected to another bit line the amplifier via the circuit. At this gap, end portions facing each other at the gap are connected by connecting means in such a manner that left and right spaces between the surface-side skin material and the back-face-side skin material communicate with each other. The first wire 18 is coupled to the first metal 14 and the second metal 16 so as to be sandwiched therebetween.

1459828068-62af3e61-0057-475a-99aa-05dfad40f7d2

A module with a radio transceiver device, an actuator, and an activation device. This business object model facilitates commercial transactions by providing consistent interfaces that are suitable for use across industries, across businesses, and across different departments within a business during a business transaction. Upon receiving a request for admission to the peripheral bus from an additional resource, a utilization value representative of the extent to which the plurality of resources utilizes the guaranteed bandwidth on the peripheral bus is obtained.

1459828068-af152d26-374b-4bab-93db-90692645c6d0

The present invention relates to laser ablation microlithography. The system includes a passive actuator component, a first hose, a second hose, and a driving component. This serves as a barrier to temporarily block a restorative substance from passing into an inter-proximal space. The distance from an interrogator to the tag is determined by transmitting two signals from the interrogator that propagate at different velocities. The bandwidth of the received signal may be limited utilizing one or more of: a low pass filter, a bandpass filter, a high pass filter, a differentiator, or a series capacitance on the chip. A modulator-demodulator receives a modulated carrier signal from an input connection.

1459828069-3fb67cfd-fce5-44ff-8abc-561434a5b696

Compositions comprising a blend of an inorganic base, an organic base, a monofunctional organic nucleophile or a multifunctional organic nucleophile and a thermoplastic hydroxy-functionalized polyetheramine can be formed into films and laminate structures by using conventional extrusion techniques. The integrated circuit card includes a memory that stores an interpreter and an application that has a high level programming language format. The valve is further capable of functioning on a small scale with automatic sampling equipment.

1459828069-4ac68930-457d-476a-aac8-d337bc4c7ce1

A collapsible entertainment system for integration into the passenger compartment of a motor vehicle includes a frame adapted to be pivotably mounted to a passenger compartment component and a display. Additionally described is an acidic formulation comprising the inventive microcapsules and the use thereof for the aforementioned purpose, and a corresponding process. At least two of the main valve connections are in connection with the valve chamber in each valve member position of the main valve member. Pushing the connectors together shears interface adhesion between the connectors, making it easier for the operator to pull the connectors apart. The traffic may be shifted based upon voice traffic types and data traffic types.

1459828070-6e63c449-7230-4378-81ea-818ecf1108c2

An apparatus is provided for a valve assembly comprising a valve body, a valve element, an actuator housing, an actuator, an unlocked storage opening, a locked

storage opening, and a lock. The method operates on an ordered set of input symbols and includes generating a plurality of redundant symbols from the input symbols. An electromechanically operating force measurement sensor is arranged at least in the region of one of the abutments such that a tensile force is transmitted from the end of the first pulling means via the force measurement sensor to the first abutment and from there via the second abutment to the second pulling means. The retaining wall block may be cast in a mold box whose depth and width are configured and arranged to substantially approximate the depth and width of a standard sized pallet. The cover can be detached from the housing either by a movement of the latch member driven by the return member or by another movement further compressing the return member. The CRC circuit includes a first shift register to a p-th shift register, a first EXOR to a th EXOR, and a switching circuit.

1459828070-b656e2e9-15b4-418e-bd98-1c8d6a7d2a65

A card and business form assembly and method for making same. In this manner, highly flexible bit sequence generation that can be easily managed by a microcontroller occurs, resulting in a shorter code length, a faster execution time, and ease of reuse in different devices. A strip extending across the panel down from the upper end.

1459828071-65cac1a1-340c-4a47-8da1-5c97ab8d1a71

A method of protecting a SONOS flash memory cell from UV-induced charging, including fabricating a SONOS flash memory cell in a semiconductor device; and depositing over the SONOS flash memory cell at least one UV-protective layer, the UV-protective layer including a substantially UV-opaque material. The graphics memory system comprises a memory controller, which receives a batch of pixels from the graphics display system when a 3D rendering mode is in effect. These thickness variations between the ground reference plane and the signal layer inject undesirable characteristic impedance variations and undesirable mechanical variations in thickness and surface topology.

1459828071-79ed0489-2e94-45f8-af21-d89086fa312f

A method of generating a projection beam for projecting an image includes collimating the projection beam and filtering infra-red or ultraviolet radiation from the projection beam after the projection beam has been collimated. The blade has an integral platform with: a convex fillet merging with the airfoil; a forward edge; an aft edge; and a thickness defined between a top surface and an underside surface. It also provides a more flexible and efficient way to attach a lens to an aircraft. The capacitive trans-impedance amplifier section periodically reverses the voltages across the sensor, and the capacitive adjustment section, after blanking a feedback capacitance that is used to integrate excess charge caused by a difference in capacitance. The invention is also directed to a corresponding computer system and a corresponding computer program product.

1459828071-d1b63b68-a9e3-4602-a3bb-51aedcd60d03

Pyridine and pyrimidine compounds, and compositions containing them, and processes for preparing such compounds. The system includes a switch manager and a plurality of message stores. The server deploys administration agents on the computers in the network for performing various administrative tasks. A plate has a first and a second face, the plate defining a slot for the reception therein of the head of the stud.

1459828072-0aed3f08-f187-4297-83f1-9ca62e0ce302

A semiconductor wafer is manufactured in such a way that a main surface of a semiconductor substrate is partitioned into a plurality of semiconductor element forming regions defined by scribing regions, wherein at least one pattern for measuring a width of a cut region and its positional shift is formed in proximity to a peripheral portion of the semiconductor substrate on a scribing line. 2 percent to 20 percent of the weight of the particles, accelerating the curing when

needed by heating, radiation, or additional chemicals to speed the cure, and continuing to agitate the mixture in the mixer until the coating is cured. Subsequently, the actions index may be used to suggest actions based on similarity of the stored characteristics to those of a current user and/or actions. This coupling provides thermal stability to the free layer magnetization and ease of switching and the coupling may be further enhanced by inducing a shape or crystalline anisotropy into the free layer during formation. Also, when a conference must relocate, actions associated with relocating resources are automated and confidentiality concerns can be taken into account. Receiving and transmitting may be performed in time division duplex mode or simultaneously.

1459828072-53edc05d-4a3b-4e35-aae3-c1e5d7c0bf79

The present invention discloses a pointer generator which generates pointer values for a stack. ACKs are generated using a finite state machine. The positioning member is positioned by an object and the driving rod is driven by a crank.

1459828072-6c63a949-e40d-43a2-bad0-6218a63c5adb

Intake air/exhaust gas flow control is performed in a partial load range of an engine such that burned gas which is discharged from an exhaust stroke side preceding cylinder of a pair of cylinders having an overlapping exhaust stroke and intake stroke is introduced into an intake stroke side following cylinder through an inter-cylinder gas channel. The sense amplifier includes a storage element that changes state when the bus signal is asserted. As a manual adjustment is selected, the manual controller and lower edge basis corrector are connected to the image processor. The use of randomly oriented fiber chips allows post-cure machining of the mold body. The device is turned off after maintaining the upper speed limit for a calibrated duration. 0.15% aluminum by weight, using at least one laser beam, in which at least one weld joint of the full-penetration type is made using a gas mixture consisting of 30% to 80% nitrogen by volume, the rest being helium in order to assist the said laser beam.

1459828072-757c6b7d-f760-46d6-b79a-e3d0e325b1d8

A distributed collaborative computer system that supports application sharing is provided that comprises a plurality of server computers interconnected via a high-speed link. The protein X may be derived from a *Klebsiella* or *Citrobacter* gene cluster. After that, the station determines the selected access point, on the basis of the results of the monitoring.

1459828073-12e5198b-f204-4e8c-818c-366b367a0171

A continuous production system for fabricating composite articles from a moldable material includes, in an exemplary embodiment, a pair of opposed closed loop created belt conveyors spaced apart a predetermined distance. In the case of manual feeding of a sheet as the printing medium, the sheet is transported by an LF roller for an amount sufficient for feeding the tip end of the sheet to a discharge paper sensor located on the downstream side of a paper path with respect to a printing head. Preferably, a bracket that supports the cleaning cartridge is pivotally connected to a backup shoe that is fixed with respect to the web path and exerts a uniform pressure on the rear surface of the web, opposite that contacted by the cleaning cartridge. The cover seal is formed of a material that is at least substantially transparent to pumping radiation at a predetermined pumping wavelength.

1459828073-8f3246bb-e056-47ef-bc8d-e6840fac2b66

Systems and methods for therapeutically treating damaged tissues, bone fractures, osteopenia, or osteoporosis. The procedure includes setting a threshold value of signal strength. Control or data cards can be added to the gateway node as needed based on system load. The RICCB is fetched based on the address included in the MRIC instruction. Additionally, the compounds and methods do not suppress the body's immune system either locally or systemically, thus allowing for a faster

restoration of normal skin flora.

1459828073-dd92fd8c-58ae-4f63-92f5-3f77bf1a5908

A circuit breaker comprises a latching plate rotatably coupled to a moveable plate, and tensile type latching springs, each latching spring having two ends fixed to the latching plate and the moveable plate, respectively. In one embodiment a method of forming a thin film multi-junction solar cell over a substrate is provided. The invention takes advantage of the fact that the scheduling assist can be dedicated exclusively to scanning tables in its own dedicated memories looking for events that have expired and/or output channels that are available and not involve the processor in the search for output channels that are available and ready to be serviced. An electric motor drives the pump. A pre-installation component, a component assembly and a method is also claimed.

1459828074-1dae3195-c3c7-461f-9ad8-5423f3939eba

A method for detecting an operation malfunction of a leakage inspector causes the leakage inspector to execute a calibration process and an inspection process. This invention discloses vertical thermal isolators and methods of fabricating the vertical thermal isolators. The device also employs a light detector to sense at least the reflections of light from the tracer beam pulses incident on the remote surface. The apparatus includes a first release actuator for moving the second gripping member of the first gripper mechanism in a direction relative to the first gripping member of the first gripper mechanism. This makes it possible to efficiently execute the program in synchronization with reproduction of AV data or the like. The two housings can be slid together when the keyboard is unfolded and they interlock to form a sturdy keyboard having the standard QWERTY keyswitch layout.

1459828074-213067b1-f48a-4310-94d2-48130b41caba

A data writing method for a non-volatile memory is provided, wherein the non-volatile memory includes a data area and a spare area. A corn fiber lipid fraction/organic solvent solution having phytosterol esters and phytosterols is provided. In another embodiment, the drive shaft includes an outer coil that is configured such that when the drive shaft is driven in the direction tending to decrease the diameter of the outer coil, the outer surface of the outer coil pressurizes liquid distally of the outer surface.

1459828074-5693b984-4969-4136-a978-119a96eb2786

Embodiments include methods, apparatus, and systems for converting resets in a shared IO system. The system comprises one or more security syndicate offerings offered for sale by an issuer, and a security syndicate transaction system. The seat deck assembly moves relative to the main body along a varying radius path. Furthermore, in a real operational network, which may traverse different operational domains administered by different entities, full on-path support is a difficult challenge. An emission spot of the first laser part and an emission spot of the second laser part are located away in approximately the same horizontal direction perpendicular to the direction of the stack of the first and second laser parts.

1459828074-78d901b2-44ae-4a0e-955a-1f8457e0b163

Steady-state cooling of the skin is achieved by a support surface without requiring external power or circulation of air. The driver may intercept an outbound packet, the driver terminating a first transport layer connection with an application of the endpoint. According to the frame-varying addressing method of the invention, the addressing sequence of scan lines for display of any frame or subframe is arranged in the same direction as those for display of its adjacent frames or subframes, and is selected to be different from those for display of its adjacent frames or subframes. The controller provides signals to the displacement member to eject drops. The stabilized compositions may be useful in cooling apparatus, such



as refrigeration, air-conditioning, chillers and heat pumps, as well as in applications as foam blowing agents, solvents, aerosol propellants, fire extinguishants, and sterilants. The system and method according to the present disclosure provide for a digitally controlled system, such as an electrosurgical system, to confirm or verify its operating frequency using a single external device, and software and/or firmware.

1459828074-c0bcf52b-cf39-410e-919d-28e1fb94164a

In one embodiment, the input circuit includes a receiver circuit that generates a data signal based on a pair of differential data signals. Lightweight, thin, and strong neodymium magnets used in this card holder provide a desirable combination of weight, size, and performance. In some embodiments, the thiol ester compositions include thiol esters, hydroxy thiol esters, and cross-linked thiol esters.

1459828075-1dd90668-02ea-458c-b3cb-2b403a1bb9bf

A multiple-frequency RF trap and an MRI system including a multiple-frequency RF trap. The primary channel defines a primary channel orifice in the flow-regulating member and the plurality of secondary channels define a plurality of secondary channel orifices in the flow-regulating member. At least a portion of specified parameters may be transferred to a first communication device coupled to the communication network. The cells can be hexagonal, round or otherwise shaped.

1459828075-6bd183ef-44da-42b3-b212-890d41409f67

A photomask for patterning an integrated circuit device using a patterning radiation may include a transparent substrate, a pattern of radiation blocking regions, an array of radiation blocking regions, and an array of shadowing elements. A traffic lamp including a memory operates according to one or more operating parameters on the memory. The display also includes a plurality of pixel control circuits that are each configured to regulate emission of light from a pixel. The SCP transmits an SCP response including the absolute address for the call processing system.

1459828076-75310834-1fb7-47f4-9d19-745dca775106

An optical apparatus includes a control unit configured to perform control to change power consumed by a lens unit or operation state of an actuator of the lens unit during processing of an image signal obtained from an image pickup element according to a noise tolerance of a camera and a set state of the camera, such as an ISO speed rating. A method for producing a developing solution for photolithography capable of suppressing TBAH deposition when producing the developing solution by diluting a concentrated developing solution containing TBAH and a production apparatus used for the production method. The substrate includes organic light emitting diode elements. Based on the PWM mode signal, the regulator is switched into a power saving low power operational mode. Tetraalkyl ammonium fluoride, ammonium fluoride or the like is used as hydroacid fluoride salt. By the abovementioned process materials with a defined thickness in the region of  $\pm 10\%$ , preferably  $\pm 15\%$ , of the average thickness are available.

1459828076-7d461fea-600b-4473-8ebf-a298253be9f3

A mesh network for routing a plurality of data segments therethrough, each of the data segments containing address information. The arrangement includes first and second laser sources each having a first laser for generating an optical beam of a relatively low frequency F1 and a second laser for generating an optical beam of relatively higher frequency F2. A bottom wall and an opening are arranged respectively at opposite ends of the handgrip.

1459828076-a869e9cf-ec7d-4658-8e13-8177673bf6f8

Hydraulic actuator as an element of a system for controlling an engine valve is presented. This allows side projection of images in a manner that avoids the potential viewer obstruction of the projection path. By packaging the payload with

uplink control information related to each MIMO mode, the uplink control information can be utilized with any suitable or available MIMO mode. The housing is configured for docking with the printing system.

1459828077-a961eec5-9667-4b0a-9322-2c7ef2b09983

Apparatus and method extract data from a data stream. By reducing the transport height of the mobile home frame, valuable mobile home design height is recaptured to permit construction of a mobile home with a greater wall height and/or roof pitch. The current transformers are arranged for physical correspondence to the power outputs of the power distribution cabinet. An output of the circuit is respectively connected to upper and lower potentials through the outer switches and is further connected to a center potential applied between the upper and lower potentials through each of the upper and lower bridge segments. , or to a temperature within the range of from 400 C. The capacitor elements 10a, 10b are combined through a connecting ring 22 having female screw threads 221 with the pedestal 15a, 15b facing back-to-back.

1459828077-b120b1e8-b311-4db6-bb2b-91c9314c413b

A catheter tip for mapping and/or ablation is provided. The optical window structure includes a polishing pad and an optical window opening in the polishing pad. A seat is located for the dominant partner, the seat being located between the arcuate legs near the hip portion of the flat padded support. Each of the base transceiver stations transmits a page and buffers the application data. Furthermore at the natural drag frequency of the corresponding blade, the elastic bias substantially blocks the secondary piston in its channel, and the flow of fluid between the chambers of the damper takes place mainly via the restriction port calibrated to provide substantial damping at this frequency.

1459828077-fa1f869b-32e4-4f5c-bc30-d08b29867338

A sexual aid device comprising a battery powered electric vibrator which attaches to the user's tongue. The fuel cells use a methanol/water mixture as the organic feed. The first condition for capturing hardware scan dump data is the service processor being activated into an active storing mode of operation labeled \u201cAlways\u201d. The modified data block of j bits and at least some of the masked intermediate data blocks of j bits are combined to form a result block of k bits corresponding to the initial data block of k bits by means of a transformation including the specified non linear operation. A valve controls flow through the outlet conduit as a function of a sensed temperature in the intake circuit.

1459828077-fc2884c7-a8ab-465b-bbd1-7afe49b4d29e

A prosthetic heart valve is provided with a cuff having features which promote sealing with the native tissues even where the native tissues are irregular. The lubricating coating is a coating which comprises a lower lubricant layer which is in liquid form in the temperature range of above 0°C. Weight sensing pad 10 is used in conjunction with the vehicle's airbag control module in order to allow deployment of the airbag, in the event of a collision, only if the seat is occupied by a person of a preselected weight. Diffusion of the vacancies to the active layer is thus suppressed. Translation of resource requests may occur within the operating system or outside it.

1459828078-17b0d314-c31a-4664-a604-9151e8488b7b

A method, system, and apparatus are disclosed for multipath isolation through the combined use of antenna diversity and frequency diversity. When an interlayer short-circuiting occurs between the drain wire and the shield common electrode, it induces a critical defect on a screen display, however, a line defect can be repaired/extinguished by cutting both the sides of the slit at the short-circuited portion with laser repair and separating the short-circuited portion. In operation, only one switch at a time of plural first switches is \u201con\u201d to connect the voltage signal from a corresponding pixel to the column bus while all remaining

plural first switches are \u201coff\u201d to isolate the column bus from all remaining pixels. Alternatively, the data corresponding to the write operation may initiate the lock operation.

1459828078-cafb870-b6b6-43d6-ad3a-b9bb64abac36

A keyboard instrument includes: an instrument body; at least one speaker; and at least one acoustic pipe configured to collect a sound emitted from the at least one speaker and guide the sound to at least one sound emitting opening formed in a front face of the instrument body. The ophthalmic composition comprises a combination of Component 0. In one embodiment, vascularized tissue grows into the plug and prevents or discourages formation of scar tissue around the plug. After the preliminary first electrode is formed, both sidewalls of the preliminary first electrode are partially etched isotropically to form a first electrode having a uniform width and height. A throttle device throttles the inflation gas flow into the inflation tube and is arranged in the flow direction of the inflation gas behind the sealing device in the gas release nozzle. Each generator in the set is associated with a controller, a set of loads designed to draw power from the power grid, and a grid controller designed to provide a load partitioned configuration for the set of controllable generators, based at least partly on the power draw of the set of loads.

1459828078-ed67e286-7757-412f-a8cf-44a6b397c7b2

An LED apparatus of the type including a mounting board having an LED-supporting surface with an LED device thereon and a lens member over the LED device establishing a light path therebetween. The wax pattern has a profile conforming to that of the golf club head. The crude product stream is formed by contacting acetic acid and formaldehyde in the presence of at least one aldol condensation catalyst under conditions effective to form the stream. Prior to supplying the data to a client, the Extended Style Sheet is applied to the data to format the data into the format required by the client. One of skill in the art will see that this invention also applies to other kinds of text documents.

1459828079-0305f143-477d-44bf-9dc2-1cb60c9edd07

A music tuner having both a contact sensing device and a non-contact sensing device to pick up the sound from a music instrument is so designed that it can automatically or manually select one of the sensing devices that is most suitable to the situation where the music tuner is used. The telematics unit is programmed or configured from the manufacturer with the same parameters as a cancelled or deactivated unit, with a cleared number for re-acquisition. The negative capacitance circuit reduces the effect of the sensor stray capacitance to provide an increased bandwidth and decreased noise on the amplifier output. A second terminal zone of the first conduction type is formed in the first layer.

1459828079-078c3c1b-214f-4fe6-998b-cef5f8f05e6d

Multi-layer thermally imageable elements, useful as a lithographic printing plate precursors, are disclosed. The substrate of the first integrated circuit comprises first pores separated by first partitions, and the substrate of the second integrated circuit comprises second pores separated by second partitions. In remote mode, an IRRF remote control is used to change settings for any device connected to the controller.

1459828079-2861792a-5a06-4dc2-b9c7-92375d377942

A method for joining and holding closed a wound in bodily tissue, fastening junctions of wounds, tying off wounds, joining a foreign element to tissue, and altering the position of tissue using a barbed suture including sharp pointed ends. A PCB forms an aperture corresponding to the pedestal, includes electrical conductors on an upper surface thereof, and is attached to the lower planar surface. On both sides of the coupling member, there are two hollow ducts which are linked through a first shaft duct in the center and surrounded by a plurality of

laterally penetrated ventilation openings. Each one of the first layers and each one of the second layers are alternately deposited on each other.

1459828079-49b6132c-0c45-4105-a834-87b84d2f8d11

The present invention provides a control device for a vehicular drive apparatus with a structure of enabling the suppression of gearshift shock occurring during concurrent shifting executed of a first shifting portion and a second shifting portion. A thin film transistor is disposed on a substrate and has a drain.

Information received from the light detection apparatus is compared with information previously received from the light detection apparatus and stored in a memory so as to identify when the light detected by the light detection apparatus is the same or substantially the same as light previously detected by the light detection apparatus.  $f_1$  represents a focal length of the imaging lens;  $f_2$  represents a focal length of the second lens; and  $f_3$  represents a focal length of the third lens. Other impurities can be captured. The method includes wirelessly receiving data via each of a plurality of antennas, the data corresponding to a packet of information transmitted from a remote station, sampling the received data corresponding to the received packet to form data samples for each of the antennas, and determining a measure of signal quality from samples of the received data for each of the antennas.

1459828079-f41b3df9-42bf-434d-a994-904958c9299d

This invention relates to a new and distinct variety of strawberry named 'Cabot' characterized by its few, small flowers, large calyx, large and light colored fruit, and resistance to red stele root. The word 'compel' is an acronym of the words 'compressed air and electricity'. The first body portion includes a latch fixture rotatable with the latch body between the latched position and the unlatched position for selectively securing a module unit in the base unit and ejecting the module unit from the base unit. The flap has a plurality of mounting openings.

1459828080-332f9fe9-9295-47e8-b319-850c33a699c6

A magnetron has a cathode, an anode with vanes, and an insulating surface which faces the cathode and receives material from the cathode due to sputtering at the cathode. The casing 1 is divided into an instrument panel-side part Rp and a fire panel-side part Fp with the recess 12 as a boundary S. Methods for using and fabricating flexible tubes are also provided for various shapes of support members including annular ribs, helical ribs, spaced apart coils, narrow ribs, wide supports, as well as for various cross sectional shapes of flexible tubes, including streamlined elongated hydrofoil shaped cross sectional shapes relative to the longitudinal axis of flex tube.

1459828080-421e19ad-7550-410b-95b9-5f8bb22cf8c0

A process for metal coating diamond superabrasive particles involves heating the superabrasive particles in the presence of coat-forming powder of a metal compound under a common inert atmosphere. The test circuit is positioned between a conventional tester and the circuit to be tested. The second insulation layer is disposed on a second main surface of the first insulation layer situated on the opposite side from the first main surface.

1459828080-5adb3eae-3f39-4b7e-a782-61276b475422

In an RLS antenna, the present invention allows adjusting the optimum positional relationship between the feeder section of the feeder disk and the feeder section of the antenna disk, simply, quickly and at high accuracy by a visual check, so that mass production becomes possible, and an increase in performance and a decrease in cost are implemented. The robot includes a trunk, a pair of leg links coupled with the trunk in a swingable manner, an actuator group that swings each of the leg links independently to the trunk, and a controller that controls the actuator group. The VOC containing effluent is passed over the first reactor for

adsorbing VOC, while the second reactor, which is loaded with VOC from the previous cycle is regenerated with part of the treated gas made up with an appropriate amount of air. Thus, each memory cell may effectively store three states: zero, one, and don't care.

1459828080-8b362fc0-2364-4bf7-aa38-9e889922c9bf

An intrusion detection system, and a related method and computer program product, for implementing intrusion detection in a remote, on-demand computing service environment in which one or more data processing hosts are made available to a remote on-demand user that does not have physical custody and control over the host. A wireless transmitter wirelessly transmits digital signals containing the video events captured by the video camera and the audio events detected by the microphone. The linear filtering is performed in the signal processing and image processing related fields using the wavelet transform with a method that is mathematically equivalent to the filtering operation in the spatial domain. The data groups have at least two data channels respectively.

1459828080-a5b692a3-0a50-40ec-82b3-1dd57f49cb47

A method and apparatus are provided to remove dataless TDM frames when transporting private line traffic over an ATM network. A plurality of hinge portions are coupled to the frame assembly. A first sputtering source is configured to deposit a plurality of absorber layer atoms of a first type over at least a portion of a surface of each one of the plurality of substrates.

1459828080-da17684a-71dc-47a9-939c-100d1d08814e

A method of preparing an apparatus for material processing by generating optical breakthroughs in an object. Input characterizing events related to patterns components may be received in a visual modeling tool, a type of event may be associated with a service to resolve events related to different patterns having a same type of event, and the service may be initiated to resolve the type of event. A resistance element is disposed at each of the air flow openings in order to impede or prevent the escape of air from the restraint volume compared to the inflow at the respective air flow opening. To be rendered, one or more volumetric objects are tessellated into a series of one or more volumetric primitives. Responsive to the completion of such a purchase transaction, access to the purchased unlockable in-game content is facilitated for the one or more beneficiaries. The low-resolution graphics engine builds a low resolution representation of the display article which is displayed on and used to facilitate the customization of the display article at the user interface.

1459828081-755f22a0-bb5d-41f2-a2b0-85b1e263e7f3

A tomato-based sauce and a process for making such sauce. 11 Wi-Fi network and an Ethernet local area network. The slave controller monitors the pulse feedback from both the master encoder and the slave's encoder and compensates for any position error by adjusting its motor output speed. The stored packet buffers and stored MAC header are transmitted across a network thereby reducing DMA requests.

1459828081-82a7c232-0d50-4413-b1d5-44bfff007087

Methods and apparatus related to the detection of low-rate visible light communication signals and the recovery of information communicated by the VLC signals are described. A container and/or a closure produced according to the method are also disclosed, as well as an intermediate product for producing a container and a closure. It is determined that the wireless device has entered one of the plurality of locations, and a timer is started using the at least one timer duration associated with the entered location. A template is applied to the femoral broach and seats itself against the buttress of the broach locking it into place. A mask signal generating circuit generates a mask signal MSK which is at a high level during an interval multiplied by a coefficient to a pulse width  $T_p$  of the frequency generation signal SigFG after level transition of the frequency generation signal

SigFG.

1459828082-10ed0281-601b-432f-a8b3-29805f7279bc

A method and apparatus for an electronic substrate having a plurality of semiconductor devices is described. Also disclosed is a method of injecting an encapsulant into an assembly and a method of treating a microelectronic component to form a void free layer. The truss maintains its geometry in an improved manner after the onset of yielding, thereby increasing ultimate strength of the pole-truss assembly. The printer can be, for example, an ink-jet, dot matrix, dye sublimation or thermal printer used to print tickets, vouchers, coupons or the like. The image transferring unit is removable from the casing of the apparatus independently of image forming devices arranged around the photoconductive element other than the image transferring member.

1459828082-16f0ba57-fbf0-46f5-87a7-f868114571ce

A power supply apparatus for vehicles is provided. The inverter is electrically connected to the motor to supply a drive current to the motor. The silicon device also includes a frame made of silicon surrounding and spaced from the beam-like structure and on the insulating substrate. This allows for better absorption of certain materials being fused by the laser. More particularly, a grip-enhancing glove, and method for maintaining a grip, which enables a user to maintain a prolonged grip without incurring undesirable effects.

1459828082-6f07d08c-0511-4798-8f1c-fa7fe1898fda

For cavity enhanced optical spectroscopy, the cavity modes are used as a frequency reference. In embodiments, the low adhesion coating is an oleophobic coating that exhibits a contact angle of greater than about 35° with ultra-violet gel ink or solid ink. This enzyme mixture is prepared from a genetically modified strain of *Trichoderma reesei*, a floating gate electrode and control gate electrode of the nonvolatile memory device.

1459828082-8b291510-c6c6-4829-9730-ce34fcec6717

A method is provided for forming a graft in heart tissue which comprises the transplantation of cells chosen from cardiomyocytes, fibroblasts, smooth muscle cells, endothelial cells and skeletal myoblasts. The method acts to control the movement of different cells to reduce the density of the cells prior to legalization of the cell placement. An impulse is detected in the first timing signal and a first timing parameter is set based upon the detected impulse in the first timing signal. A comparator stage has feedback units able to act on the second input in a follower relationship with respect to the signal present at the first input avoiding saturation of the differential stage. Several such provisioning systems may run concurrently, thus enabling high flexibility as to instant and local/regional system restructuring, e. On arrival of the call, the call is routed to the selected agent.

1459828082-e060ef1c-60d9-4a24-b80b-f5cb4bf15333

Foodstuffs filled in glass containers undergo a change in taste under the influence of light. Using uniform distribution as initial condition, the EEM may converge iteratively to a global optimality. An optional rubber coating may be applied to the interior/exterior of the body for insulation purposes. During the elimination game, the entities play one or more games that are provided as part of the elimination game.

1459828083-937a6821-157e-4cd9-a426-acbc03829c8b

Systems and methods for adjusting or providing instructions to spraying systems are provided. According to the invention, the basic mode of the acoustic bulk wave that can be generated in the resonator is suppressed while a higher mode can be excited in parallel and be utilized for the resonator by adjusting the acoustic mirror. The disclosure concerns methods of regulating seed oil content, fatty acid synthesis

and fatty acid composition using the DGAT2 gene and to tissues and plants transformed with the gene. A fan assembly blows heated air and ions toward the conductive grid, whereat ions of one polarity are substantially removed.

1459828083-daa60feb-644f-4d7c-a9ca-37d748ac02a9

A portable navigation apparatus is provided. A laser is associated with one of the two structures and a target is associated with the other of the two structures. When the mouse has been admitted to the pouch via the passage, the sleeve may be separated from the pouch and the open mouth of the latter rolled to form a seal, thereby retaining the mouse within the pouch. The system may be employed as a portal screening system, and may include a structure having a wall and a roof, for rapidly screening persons for concealed objects.

1459828084-07df8a36-2940-46cc-b3ab-d0eee452297b

A method for production of a nuclear fuel element with oxide base, in which the nuclear fuel with oxide base is mixed with Cr and sintered to a solid body. The bait station has the general shape of a box with a locking hinged lid. The models in a stepwise manner generate an IS architecture meeting desired performance criteria of the business entity. Each digital signal sample is time stretched by storing each sample in M memory locations, such that N samples occupy MN memory locations. Examples of resulting nanowire heterostructures include a longitudinal heterostructure nanowire and a coaxial heterostructure nanowire.

1459828084-6126a7a9-52eb-48b9-8026-e769ae3ee549

An integrated design-for-manufacturing platform is provided. The programming voltage at the time the page is programmed verified will be to estimate the initial value of a starting programming voltage for the page. The attachment means permits the user to adjust the angle at which the baton is held and permits the angle to be fixed so that the user need not readjust the position each time that the scabbard is worn. In an effort to minimize the latency associated with detecting IOP related events, the polling may be initiated frequently by an operating system task dispatcher.

1459828084-786c07e0-2afd-4050-8b56-30dcc67f943a

A multi-level power amplifier architecture using a multi-tap transformer implemented on a single CMOS integrated circuit wireless communications device is described. The data is simultaneously read from or written to N tracks by N spots, N being an integer larger than or equal to 2. The second type reflector is capable of concealing the first type reflector. A deviation of the duty cycle of the clock signal is detected in the duty cycle detector 20 and used to correct the duty cycle in the correction amplifier 16. The BIOS ROM includes a ROM temporary storage and a DMI data storage.

1459828084-93ba6faa-5d23-45dd-bef6-4b2ec0b9a8f4

Air-conditioning system for aircraft, in particular for commercial aircraft, with a bleed air source, a bleed air line comprising a main valve, and an air-conditioning unit, wherein a mass air flow conveyed from the bleed air source through the bleed air line to the air-conditioning unit can be controlled by means of the main valve. The present solenoid assembly includes a solenoid snout having a longitudinal bore terminating in a fluid orifice wherein a one-way check valve has been installed to prevent transmission fluid backflow from the torque converter when not operating. The circuit is operative in a first mode to decouple an information line from the IHS in response to a disable command and operative in a second mode to decouple the information line from the IHS when a voltage in the information line exceeds a predetermined threshold voltage. The upper surface of each of the extension sections has a plurality of wells therein. A cost function is used to determine whether each pixel belongs to one of the planes, and the image elements are labeled accordingly. Various applications for the device are disclosed, as well as method for securing an all-terrain vehicle with the device.

1459828084-d4afb5c5-6459-4ad7-a80e-36ef27701c2c

A method for application in conjunction with an exhaust gas post-treatment system for metering an ammonia-releasing reducing agent into the exhaust gas stream of an internal combustion engine installed in a motor vehicle and operated with excess air. Intermeshing electrodes are then applied either over the heater patterndielectric layers or on the opposite side of the substrate. The cam element is rotatably mounted in a flexible encircling element which is displaceably connected to the cam follower element on a plane that is perpendicular to the rotational axis of the cam element.

1459828085-68c2a749-9f77-4ff8-a2a7-d2737b019c5c

Method and network entities for providing good performance for voice in multiRAB connection for services of a CS+PS call setup without high throughput necessity but providing good throughput for the services needing it. A flashing unit provides an affect to an outlet where the strand of lights on the tree or another lighted device will turn on and off until the water is filled into the base again. The interchangeable lens unit incorporates a data storage section. By integrating the actuators and the sensors together certain performance limitations become negligible and can be discarded.

1459828085-6a08133a-677c-4423-b32d-93eab881ab1c

An implantable apparatus for controlling fluid flow within a host body includes a constricting member for allowing fluid flow within a body canal when in an open position, and for reducing fluid flow within a body canal when in an closed position. A restraint device is coupled to a controller that controls the operation of the restraint device in response to the first sensor and the second sensor. A closer cable of the door-lock mechanism is coupled to a carrier of the planetary gear mechanism, and coupled to a latch of the door-lock mechanism via a coupling link. An accumulator may be provided for storing and selectively discharging the captured energy to a generator to produce electricity. The invention proposes to make provision for energizing means generating an RF energizing field within the examination zone for inductively supplying electric power to the wireless receiving units, wherein the frequency of the RF energizing field is an integer multiple of the sampling frequency. A diameter of the passage fits a first injector with a first mating structure, and an outer diameter of the joint portion fits a second injector with a second mating structure.

1459828086-3924b2ff-b8d3-465c-910f-6da71fcb7c97

The present invention relates to the use of ulvans, in particular extracted from green algae of the genus *Ulva* or *Enteromorpha*, or of ulvan-derived oligosaccharides, as elicitors of mechanisms for nitrogen absorption and protein synthesis. The invention relates to the seeds of soybean cultivar S110268, to the plants of soybean cultivar S110268, to the plant parts of soybean cultivar S110268, and to methods for producing progeny of soybean cultivar S110268. The emitter provides the process interface and is formed from a material having properties which include microwave transparency, chemical resistance and/or mechanical strength. A latency analysis process is performed using the acquired metrology data.

1459828086-538aa1fb-d3e8-4f31-883d-b4b12846ec5b

A gas turbine engine includes a combustor system including a lean premix combustor and a water delivery system. The frame further includes a plurality of vertical stud members having a first end and a second end, a top beam attached to the first end of the plurality of vertical stud members, and a bottom beam attached to the second end of the plurality of vertical stud members to define a plurality of cavities between adjoining vertical stud members. A plurality of sensors can be provided for sensing usage of a plurality of parts of the aircraft, and the estimate of usage of the part can be stored for access of the estimate by ground



personnel. 17 and having a weight average particle diameter of 1 to 12 m, and the first light diffusion layer having a thickness of 50 to 200 m. A variety of dynamic challenge questions can be used without the need for the cardholder to enroll into the program.

1459828086-684901de-3066-4896-982b-3ef364422e0e

Electronically tunable and reconfigurable hyperspectral IR detectors and methods for making the same are presented. The method comprises the steps of unrolling a desired length of the film from a roll. The base-end portion is pivotally held on the base plate. The frequency domain data is multiplied by crosstalk coefficients to obtain a frequency domain correction signal for each channel. The system may also include a controller coupled to the transmitterreceiver, operable to receive and/or determine information regarding the temperature, location, and/or content of the food storage bins via signals received from the transmitterreceiver. The wagering game may include a basic game and a bonus game.

1459828087-0bfee86f-3ef0-465f-ab44-b5510ff99b1f

A sheath device comprises a substantially rigid elongated body adapted to receive a chest tube. A hardware-software complex is used to find a bug or intrusion device in a vehicle electronic system. The method further comprises, in the wireless communication device, processing the instructions for the data session and transferring a session request for delivery to the routing system to establish the data session with a device management system identified in the instructions, and in the device management system, performing a device management task on the wireless communication device.

1459828087-2eda6c9c-da9f-4116-bbe3-613dc644c4a5

In a method of generating an anomaly detection model for classifying activities of a computer system, using a training set of data corresponding to activity on the computer system, the training set comprising a plurality of instances of data having features, and wherein each feature in said plurality of features has a plurality of values. The computer program product and method includes the steps of identifying a solution for preparation and its associated volume. The screw is removably mounted to a cradle and the screw and cradle combination is positioned within the canister so that it is generally parallel to the base of the canister.

1459828087-4416ea20-da87-4dac-a86f-353374f90839

A force sensor of the present invention corrects the output voltages of Hall elements without using a temperature sensor in response to changes in the characteristics of a magnet and the Hall elements. Recorded data that includes transactions executed in a session established between a client and a server at a designated point in time is extracted. When a user from a network that natively uses SSD authentication roams into a triplet-based network, the authentication interoperability function produces triplets from the current SSD. Sucrose docks into the active site of Novamyl differently from the substrate or inhibitor in published models 1QHO and 1QHP.

1459828087-9dd05608-4938-4c48-9f13-2cf47b0ede1d

A wireless protocol for a communication system is set forth herein which may be utilized for communication between a transmitter and a receiver over any type of communication channel. A gap between the first group of lens and the second group of lens is reduced and a gap between the second group of lens and the third group of lens is widened when wide mode changed to Tele mode. The cooling elements have a substrate with an underside and an upper side.

1459828087-b705fc57-9b5d-4d1f-8d89-e21600d1fa14

A dispensing system allows cryogenic liquid to be dispensed from either a primary bank manifold and associated cylinders or a secondary bank manifold and associated cylinders. Opposing it is a clamp body with an opposing clamp face. The generator

accepts extended BNF language specifications containing embedded reverse polish plug-in call specifications giving the plug-in number to be called as well as an arbitrary textual parameter to be passed to the plug-in.

1459828087-f1ea9e80-92bf-4e18-817c-383fa30925a8

A device for working human and/or animal tissue is provided. Based on a detection signal from the sheet sensor, the strengthener is moved to advance into and retreat from the sheet ejection route so that only a necessary part of a sheet can be strengthened. Still objects of the invention are the use of such light emitting materials and organic light emitting device comprising such light emitting material.

1459828088-813a14ec-dc5f-4189-9cc0-1d42ac74b544

The present invention is a process for making a low color copolymer of ethylene glycol, isosorbide and terephthalic acid or dimethyl terephthalate. The compositions include a binder, a transparent or semi-transparent colorant having an average particle diameter of greater than 150 nanometers; and at least one member comprising a scattering pigment dispersed in a matrix. The foil may be provided with a radiation-absorbing surface that may be configured both as a flexible foil and as an inflexible foil that may be of either metal or of a polymer, paper, cardboard or other materials that are based on wood. The housing has a door portion that is separable from the housing. If the result is yes, an image-identifying module begins to identify the target-image and the unwanted object in the first image, and then, an unwanted object processing module starts the step to process unwanted images.

1459828088-9bb72db8-fc0f-435e-855c-528e5fa5158b

A dynamic or non-volatile memory with a differential reading system with improved load rebalancing comprising a rebalancing circuit that for values of the supply and memory selection voltage in excess of a predetermined reference voltage modifies one or the other of two currents, *i*. The UE receives the Radio Bearer Setup message and assigns a first START value to a START\_VALUE\_TO\_TRANSMIT variable according to the HFNs of all established RBs in the first domain. In response, the server component can send a script to the window for retrieving the window's actual identifier name. Systematic data may be transmitted on both channels, with or without interleaving on an alternate channel. The component comprises a conductive ground core arranged to extend through multiple-layers of the substrate when the component is inserted, a dielectric layer laterally encasing the conductive ground core, and a signal conductor layer coupled lateral to the dielectric layer.

1459828088-afccf030-dbdb-4e5a-ab4b-84b32c2df7fd

A power field effect transistor is disclosed which is fabricated in as few as six photolithographic steps and which is capable of switching current with a high voltage drain potential. A dual-contact assembly includes a positive contact, a negative contact, and an insulating connector disposed between and connecting each of the positive contact and the negative contact in an electrically insulating disposition relative to each other. Multipliers each multiply step function values output from relative step function generators by discrete data values held cyclically in data holding sections. A photoreceiver cell with color separation may find broad application in multielement photoreceivers for video cameras and digital cameras. for a softening temperature of 60 to 115 C. In organic polyisocyanates having at least two isocyanate groups, the isocyanate groups are blocked with OH acidic cyclic ketones of the general formula.

1459828088-c1a40b9c-3e57-48db-bcde-db38338bf2f4

A system, apparatus and method for controlling environmental zones in a residence or other building using radio frequency enabled environmental controllers. The mathematical model may include a control-signal-related component, a control-signal-independent component, and an error component. Where it is desired to trim

sideburns, the trim guides are attached to the temple pieces. The plural bank state machines are connected to the command dispatch device to receive the control signals dispatched by the command dispatch device and accordingly determine whether to transfer its internal state or not.

1459828088-dd4dbb5a-3071-476d-a416-d1453eea2109

A driving method for a flat panel display. The apparatus includes a storage area network and a plurality of Fibre Channel Switches arranged in a Fabric. These changes include a gain of chromosome 10, a gain of chromosome 11, and a loss of chromosome 7.

1459828088-f5c0049a-eb73-4eb3-bd28-993840e956a5

A solder bump structure and laser repair process for memory device include forming a first dielectric layer on a bump pad of a semiconductor wafer. A control FET and a sync FET are connected in series between input dc voltage terminals. The encoder has an outwardly oriented circumferential surface in the shape of a truncated circular cone. The cockpit opening is formed in the bow deck portion. The master includes a mechanism for continuing a sequence of reads allowing prefetching until a request is made indicating a prefetch amount of zero.

1459828089-7cc6752e-63a8-4f9f-8435-588c83280bd8

Methods and reports for presenting genetic information that is patient-specific and relevant to treatment of neuropsychiatric disorders, including treatment resistant psychiatric disorders, to aid in patient treatment in a phenotype, genotype or biomarker-specific manner. The mask generated from the most significant bits section of the pointer mask) includes bits corresponding to various regions of the output mask. The fluid delivery manifold extends between a proximal end fluidly coupled to the fluid supply and a distal end having at least one aperture for delivering the therapeutic solution to the defect adjacent the articulating surface of the first tissue site.

1459828089-c43b6957-bb31-4629-b171-1241b419a574

A taping tape includes: a base material 12 having elasticity; an adhesive layer attached to one side of the base material 12; and plural slits 14 that are formed along one direction on an inner side of the base material 12 and are arranged parallel to each other. The load detector includes a magnetostrictive sensor which includes a hollow case, a coil housed in the case, and a rod-like magnetic member located at an axial center of the coil, magnetized by an electric current flowing through the coil and receiving a load at an end thereof. At least one trigger can rotate about a trigger axis. During readout of a multi-storage pixel, charge may be transferred from each of multiple storage nodes one at a time to a floating diffusion node. The inlet and outlet assemblies seal two ends of the upper heat-storage cavity and communicate with two ends of the lower heat-absorbing cavity. The chamber located in the feed tube forces the ball into the barrel and creates a vacuum to eliminate the ball blowing back up the feed tube.

1459828089-fe5e39b3-1a07-445c-9822-b4de7612e589

A method is disclosed for estimating tissue velocity vectors and oriented strain from ultrasonic diagnostic imaging data. In the method, a designed layout of target patterns is provided, and transferring the designed layout on a wafer to form wafer patterns. The present invention obtains data bytes for multiple columns at one time. The supply current is a mixed current formed by superimposing and/or modulation of an alternating current portion onto a direct current portion.

1459828090-32a401d4-3503-4762-b9fa-db69a33e3f9e

The present invention provides an information processing apparatus capable of dynamically changing a security level according to significance of overall data saved in a terminal. The present invention solves the problem of lower security of user information. The storage device for the multilayer substrate further comprises

a bracket moving device, and the bracket moving device drives one or more the brackets to move up and down along the support. The wall portion is releasably securable to an end of the cassette. An alternative embodiment provides an end piece having a telescopic extension portion to adjust the length of the end piece for securing the hanger device surface of varying widths or depths.

1459828090-48ff7bf9-4212-4918-8b79-2a064c726572

A water meter has a meter register having an encoder having electromagnetic wave emitters, e. The conductive housing includes a slit extending from the first principal surface to the second principal surface. When they match and image frames do not match, a picture type is reused. The stored failure rate information and the identified current configuration dependencies can then be used to generate predicted failure rates for the computational resources in the current configuration of the system. The reservoir is supplied with water and carbon dioxide and the technical components allow for a variety of water dispensing options. The anchoring device includes an elastomeric sleeve having a substantially elongate, hollow, and tubular body and a compression governor coaxially secured about the elastomeric sleeve.

1459828090-62795b65-932d-4adc-b00b-ce2cb264753e

A contoured package on package joint and a method for making the same are disclosed herein. The NMR spectrometer is tuned to measure a selected type of atom. The second integrated circuit is adapted for determining that an authorized or unauthorized access has occurred on the basis of the detection of the variation of the capacitance seen by at least one of the selected conducting tracks.

1459828090-cdc497fa-9478-43d5-9e16-6929da684a26

A Quality of Service Link Protocol for use in a wireless telecommunications network. At the start of a state change notification period, a timer is started. This undesirable voltage rise can adversely affect a system by, for example, inadvertently activating an inactive WL. Thus, it is easy to increase the carrying capacity of a gripper conveyor and, when applicable, to easily separate the products that are gripped in groups.

1459828091-0104e74e-256f-4938-9004-9a9c6a4d7055

A jewelry chest and box for storing jewelry having a plurality of compartments to store jewelry items of various configurations. Specifically, the devices, systems and methods provide the ability to accurately determine user input using multiple different sensing regimes. The user has a choice to receive an ordered list of items based on the individual user profile, the social network or the mood of the user. An opening is provided in the catheter and communicates with internal airway for use in controlling the amount of suction provided by the connection of the proximal end of the catheter to a vacuum source.

1459828091-322e9a65-3ecc-401f-a635-68055d625d0b

The present invention relates to laminated membranes formed by multi-layer processing techniques including alternating layers of thermoplastic urethane and a copolymer of ethylene and vinyl alcohol. The semiconductor device has a semiconductor substrate and the first and second electrical components in the semiconductor substrate. During a transition period between the transient condition and a steady-state engine condition the method combines signals primarily from both the mass airflow sensor and the manifold absolute pressure sensor to provide such cylinder air charge estimation.

1459828091-786c3caf-f147-4e1b-868f-077ba66bcb91

An intake manifold system for an internal combustion engine includes inlet runners attached to a mounting flange. Each component has end faces, at least one of which is mechanically bonded to an end face of another component such that the combined components of the stack define a single, monolithic structure that serves as both

an electrically-active element and a mechanical support element of the surge arrester. A first capacitor is connected between the base of the first transistor and the emitter of the second transistor.

1459828092-1f8897fb-ee68-4e64-8a68-dec49a006e8a

A flexible results pipeline for a processing element of a parallel processor is described. The fastener assembly further includes a base member that engages the retaining plate through its associated bed liner hole such that the base member and the retaining plate engage the bed liner and cargo bed in a clamping arrangement, securing the bed liner to the cargo bed. The CUTs may be used in ultrasound devices such as ultrasound imaging devices and/or high intensity focused ultrasound devices.

1459828092-2d21ef01-b891-4684-920a-df1cfbb52a1f

A method for labeling a UV-fluorescing substrate includes positioning a UV-fluorescing substrate adjacent to an inkjet material dispenser, and selectively jetting an edible, invisible, non-UV fluorescing ink onto the UV-fluorescing substrate with the inkjet material dispenser. For each of the plurality of the computing systems, a plurality of consumption parameters from at least one measurement device is received. Using the received data, one or more of the prefabricated elements is selected. The extended resilient means is retractable such that the plate exerts a constant force on the bag to expel fluid in a uniform flow rate.

1459828092-34e81f74-4fea-44ba-8a47-f81b23199c87

A cathode ray tube including an internal magnetic shield in the shape of a hollow rectangular frustum including two long sides opposite to each other and two short sides opposite to each other, having an opening at its top and bottom attached to a mask and a frame. The process absorbs CO<sub>2</sub> through the formation of MgCO<sub>3</sub> and releases water product H<sub>2</sub>O. This models the cost function in a quadratic model and computes the cost for a nearest integer pel and plural adjacent integer pels.

1459828092-83a123f8-95e4-4fd9-a6f2-aeefb68688bd

A change-over apparatus for cooling a gas passage is provided with a cooling chamber and a gas cooling and circulating system. The request may include an IP address of the first device. The value of the time parameter is set currently depending on the current speed of the mobile station through the cell network of the mobile telephone system. This invention is also directed to a switch constructed from a button, a label plate, and a backer plate.

1459828092-e49eb32e-9f75-4365-92b2-e9e5e971cd00

Disclosed is a process for preparation of final graft polyols via a continuous process. The dishwasher includes a tub, a door, a steam generator, and a dish storage. The advertisement database stores subscriber specific or third party advertisements that are selectively associated with communications in a telecommunications network.

1459828093-47f772a7-0c8c-4183-8e87-7c993c26d7af

This invention relates to the stabilization of oil microemulsions containing an active azo biocide by addition of an alkaline, water soluble buffering agent in an amount sufficient to adjust the pH to between 6 and 14 and to the use of said oil microemulsions to control infestations and/or infections when topically applied to livestock or domestic animals. The table design permits a user to apply low levels of traction to the lower back by pushing lightly on adjustable arm support posts. The container securing portion and the tray or tote portion may comprise a single component or may comprise separate, connectable, components. The air pump is turned on when the internal pressure is higher than a predetermined first pressure value. The outboard motor simplifies the upper casing for disposing a transmission therein and assembly and maintenance thereof.

1459828093-6acb5c85-02d2-4416-b8db-21ea8e40f818

A pipette tip mounting shaft includes outwardly circumferentially extending locking lobes over which the pipette tip collar is mounted. The electrical wiring device includes a device housing and at least one switch disposed within the device housing. Registration is accomplished by tacking the respective elongated continuous structures together while the respective features on the elongated continuous structures are in proper registration. The attachment member is movably coupled to the base member. An interface region is provided for interfacing the remaining LE array base signal routing architecture to the IP function block. The cooling system includes a compressor, a condenser, an evaporator and a refrigerant that is circulated in sequence from the compressor to the condenser, to the evaporator and back to the compressor during routine operation of the cooling system.

1459828093-caa7c3bd-72f9-481b-af61-42ac6cfef792

In a flat image display device in which a first substrate having phosphor layers formed on an inner surface thereof and a second substrate having electron emitting elements which excite the phosphor layers are located opposite each other with a gap therebetween, the plate thickness of the second substrate is made smaller than the plate thickness of the first substrate. A contaminated gas containing volatile organic compounds is continuously introduced into a reactor to allow the gas to contact a metal oxide catalyst and an oxidant for a period of time. A transmitted light of the dummy patterns provides a phase difference of 0 or 180 degrees relative to a transmitted light of the integrated circuit layout. Aspects of the system may comprise a collocated device functioning as a configurator that configures a wireless Ethernet terminal functioning as a client station via a network. In some example embodiments, the system extracts data and metadata from a business intelligence file, generates a data bundle of the data and metadata, generates an application bundle based on the data bundle, and generates an interactive document using the data bundle and application bundle.

1459828094-0b62b698-c001-4833-8391-03f7e2e59294

The present invention concerns a fly fishing rod with a detachable reel and reel seat assembly. The system includes a pressing stage configured to compress powder to form a green compact from the powder, a sintering stage configured to sinter the green compact to form a sintered structure from the green compact, and a consolidation stage configured to apply electric current to the sintered structure to form the metallic product from the sintered structure. If an update is available, the update is copied from the server to the target client. The interface uses fabric packet generation logic to generate a single command packet in a protocol for the coherency fabric which consists of an address, command and/or data.

1459828094-a88dd5aa-9939-4aad-b2d4-a07d09d5c78c

The present invention provides a method of attenuating the formation or reducing the severity of neurogenic pain in the tissue of a patient via applying a composition comprising a hydrophilic foam substrate and a polymeric hydrophilic agent to a portion of the surface of the skin in an amount and at a location sufficient to attenuate formation of or reduce the severity of neurogenic pain. The hull is separate and displaced from the hydrofoil assembly and is, in use, supported above the water by the rigid beam. The organic light emitting layer includes a first organic light emitting layer, a second organic light emitting layer and a third organic light emitting layer. The recipient of the electronic message is informed of any message found to be from an invalid source.

1459828094-deb2e2dd-9db4-4548-a672-cee5d9c39e26

A communication IC in an AV controller periodically notifies plural slave apparatuses, a radio, and an amplifier ) of a system state command containing a system state in which states of all the plural slave apparatuses are managed in a lump. A method for actuating a garage door and a sensor module for preventing

movements of an assisted garage door are also disclosed. Next, a full-color frame is divided into four sub-frames, wherein the sub-frames are matched with the four color-orders one by one.

1459828094-ef78e6c8-55f7-4a97-ac37-3379693a1ec0

A logic circuit system with power consumption that is reduced by automatically varying the clock frequency and operating voltage according to processing capability imposed on programmable logic circuits. The method performs a chromatography step of loading a subject sample containing the coloring material composition to a chromatography apparatus that holds a separating base material containing a cellulosic material and a metallic oxide material, and of performing a chromatography using a mobile phase of a liquid in the analysis of the coloring material composition. The OLED display used for displaying images comprises at least one pixel comprising red, green and blue sub-pixels and arranges an OPV cell used for converting solar energy into electrical energy. Blind digital signatures based on the master pair of keys are used to withdraw digital cash from the user's bank account under the user's real identity. Unlike prior art mechanism that automatically discard stored access plans whenever the need for a different access plans is detected, stored plans are intelligently retained despite the handling of one or more infrequent queries that call for the use of a different plan.

1459828095-4265f85f-fd9c-40e8-869d-015385d9e368

A method and apparatus for increasing the success rate of a handover of a connected mode UE while minimizing the power consumption of the UE during DRX operation in a mobile communication system is provided. A stub sill includes side plates having ears that extend upward to support the tank near where the head of the tank is attached, and a head brace is welded to the side plates and to the head of the tank in a weld joint that can be continuous along the head brace from the ears of the side plate to the center of the head brace. An orientation component is provided so that the reader can sense its orientation relative to the tag. Because the belt holds the idler rollers in place, they can be of low-cost, light-weight, compact construction and require no additional support. Further, a system providing multicast services and a multicast service support system is disclosed.

1459828095-79f51665-6193-46a5-89d5-62fefc0a6821

A vapor deposition film comprises a substrate made of a plastic material, a primer layer made from a composition comprising a specific trifunctional organosilane or a hydrolysate of the organosilane, an acryl polyol and an isocyanate compound, and an inorganic oxide vapor deposition layer to a thickness of 5300 nm, formed by successive lamination on at least one side of the substrate. The second active region is formed between two of the first active regions. Zero is set at points of the modulation signal other than the signal point where the correlation becomes the maximum, so that the noise component at the zero point is extracted from the modulation signal. The live image is controlled by the user's movement, causing at least a part of the display to move in concert with the user's motion, thereby creating an enhanced three dimensional effect for a superimposed display. The remote control assembly also includes a receiver connected to the control system for receiving a signal and activating the infeed mechanism. The toe cap terminates at a position adjacent to the base of the toes of the foot.

1459828095-e9ca504e-7ebe-4d94-84d5-2269c837d2b6

A method for unambiguous determination of a range to and/or of a relative velocity of an object with respect to a motor vehicle is disclosed. The drive unit can be part of a compound loudspeaker drive unit including a high-frequency drive unit coaxially disposed within the diaphragm and a chassis encompassing the mid-frequency drive unit with the surround being secured to the chassis to form the smooth transition from the diaphragm to the surround. 9 and a glass transition temperature of 80°C. The interconnects and control circuits in the base fit substantially within an area below the array of multiple vibrating elements. The

coolant flow circuit apparatus is coupled to the coolant core portion and is configured for circulating coolant through the coolant core portion.

1459828095-f105e5ec-067c-4bf4-bd8f-5a94edf4a087

A dynamic protection system can analyze a computer system to determine its vulnerabilities to attack and generate a policy for protecting the computer system based on the identified vulnerabilities. The gap depth is 25 microns or thinner. The first electrode layer substantially completely covers the first base. The home agent may then receive a registration request message containing the HOA and a second NAI.

1459828096-2b4ba787-6651-40f0-92a9-7d1fb2c66067

In a method of and an apparatus for determining a portion of total costs of each entity of a plurality of entities, a maximum value related to a maximum number of accesses of each entity in a time window over a time interval is obtained. Much of the effect of gravity is removed and the spread of heated water may be increased. The fleece is subject to a bow-tie hydroentanglement process where many fine jets of water entangle the fibers on the topographical surface.

1459828096-4d099f81-f141-4ead-b172-b73cbf75af0a

The present invention relates to a transistor of a volatile memory device with gate dielectric structure capable of trapping charges and a method for fabricating the same. For example, a method comprises the following steps. High levels of electrical conductivity are achieved in the electrically conductive materials without stretch orienting the material. The metal pattern has a plurality of metal films. A user interface having a soft-key can be provided to cycle through various HAC options. By rotating the mirror or changing the focal length of the zoom lens, the focusing location of the light changes on the focal plane of the objective lens or in the front or the rear of the focal plane.

1459828096-afe687a5-0f91-46f1-b23d-1b664a978c4e

A safe, quiet, easy to control, efficient, and compact aircraft configuration is enabled through the combination of multiple vertical lift rotors, tandem wings, and forward thrust propellers. Certain types of extensions, such as network access identifiers, are initially aggregated and subtypes are employed to identify the precise content of the extension. The method can be generally carried out by preparing a reaction medium comprising an aqueous phase and an organic phase.

1459828097-4eb3f308-c66d-4c4d-a4af-0009b94531d9

A memory structure includes a memory storage element electrically coupled to a control element. Particles are formed on the support layer. A gate electrode layer is formed over the gate dielectric layer. The polarity protection circuit is electrically connected to the battery to be charged and to the boosting battery. The device may further include a reference layer having a fixed magnetization direction on a side of the free layer opposite the insulating layer and a tunnel barrier between the reference layer and the free layer.

1459828097-be5d6a9d-bd01-473f-b4ec-48b34ba1ff32

Methods, systems and computer program products are provided for rendezvousing resource requests with corresponding resources. , nanofibrils predominantly having diameters substantially less than about 100 nm and a method for making such carbide nanofibrils. The user feedback items describe reactions of users to the online content. Along the gantry a second gripping device is displaceable for moving workpieces between the working space of the automated cell and the machine tool.

1459828098-fab73885-06e5-427b-82fd-5d777f24afb3

An industrial brake is provided through which tension and emergency braking are initiated at opposite axial ends of the brake in order to improve packaging and maintenance of the brake and to enable the addition of an emergency brake function



to existing tension brakes without substantial modifications to the brake. The organization can be a group of users or a collection of groups. A foam gun provides for the dispensing of a foam. As a result, strong optical feedback, and thus strong resonance, may be provided in the nanopillar optical resonator.

1459828099-d53d57ff-8335-4c68-a7c5-bc3ccd577c19

Surgical micro-resecting and evoked potential monitoring system and method. The circuit tester includes a handle with a detent assembly that allows for positioning the probe at various angles for testing a device. The gasket also includes a first flexible portion bonded to the rigid portion, wherein the first flexible portion comprises a flap that is open during assembly of the heat pipe in the electronic device and closed over the heat pipe and the rigid portion to seal the duct around the heat pipe after the assembly. The deep trench capacitor patterns include first dummy DT patterns in a first column, second dummy DT patterns in a first row and a plurality of effective DT capacitor patterns.

1459828100-a2b6dacd-5ccd-4b94-bdfa-a7b046f09c11

A channel frequency response estimator for estimating the channel frequency response of a wireless RF channel having a time or frequency varying channel frequency response is disclosed. 0 of the Data Over Cable Service Interface Specifications and other audiovisual standards, that uses an analog front end having a charge-domain analog-to-digital converter that uses a charge-domain pipeline of at least two stages. The wheel is mounted to a pivotable table assembly that includes the motor and drive mechanism for the wheel. During and upon expansion the regions are stress loaded by the opposing vertebral bodies to promote fusion between the vertebral bodies through the device. Thus, when the cutting string is broken due to wear or excessive pull and is sprung toward the handles, the broken cutting string will be blocked and stopped by the protection rib of each of the two handles, thereby efficiently preventing the broken cutting string from injuring the user's fingers, so as to protect the user's safety. The retaining holes each has two open ends that are located at both sides of the ribbon-shaped connecting portion, a diameter of one of the two open ends is near a diameter of the balls for easy installation of the balls into the ball connect device, and a diameter of another one of the two open ends is smaller than the diameter of the balls so as to prevent disengagement of the balls.

1459828101-347b31fc-5b88-4493-ab27-a5969394a907

In an image processing unit for performing an arithmetic operation between a reference image and a search image, a product-sum operation section comprises systoric array, a normalization and accumulation processing section and a correlation value memory control section. The device has a supply container provided with an opening on the underside and is filled with the liquid active substance. The present invention provides the optical fiber for transmitting ultraviolet ray which has a core 5 of silica glass containing a given content of fluorine and a clad 6a of silica glass containing a given content of fluorine or boron, a clad 6b of a resin which transmits ultraviolet ray or a clad 6c having air holes H.

1459828101-3b0eaf75-676d-47c9-a846-37faec6e6469

The present invention provides a bait station and method for securing it using a receptacle for holding a weight to weight a bait enclosure and by stakes formed as a unitary part of the enclosure for securing the enclosure. The machine is relatively portable, for example, it can be mounted on a palate, and can be used at any location having an adequate electrical supply. The video output apparatus further includes a selection unit, which selects one of the video signal outputted by said video output unit and the mute signal generated by said mute signal generation unit and outputs the selected signal, and a control unit, which causes the selection unit to select the mute signal in a period including the switch performed by the video output unit. The gate of each of the decode transistors is

connected to one signal line of first and second signal lines transmitting the corresponding display signal bits and inverted signals of the corresponding display signal bits, respectively. The apparatus-side ground terminal includes a portion projecting laterally from the uniform diameter portion from an end of the uniform diameter portion toward a reading member base and an extended portion at the end of the uniform diameter portion, covered with the tapered portion. In certain embodiments, the apparatus includes a tubular cavity to provide a recessed location of the needle cannula for preventing accidental needle injuries.

1459828101-53feed61-db1f-453a-aae2-fe821916f584

The present invention is a nectar feeder for birds. A laser diode is driven to generate laser beams that are condensed into parallel laser beams by a condenser. The nickel-titanium member may have added physical characteristics providing superior flexibility. Based on an inductance-coupling effect, the feedback voltage represents a secondary-side voltage of a secondary winding. In one embodiment, the reset circuit includes a first reset circuit connected to the signal lines, and a second reset circuit connected to an output part of the driver. The main plate includes an engaging portion on the inner side thereof.

1459828101-648c9f43-4a4b-47e9-b016-75e7ae0896f0

A display device of the present invention switches between two displays, a main panel display and a sub-panel display, by using one driver IC. The bistable RRAM includes a first resistance random access member connected to a second resistance random access member through interconnect metal liners and metal oxide strips. Enclosures are sealed against ingress of atmospheric air and both maintain oxygen levels less than the surrounding atmosphere to reduce formation of scale on the strip. A wire material made of the copper-metal fiber conductor is subjected to area reduction processing.

1459828101-65c69c97-a18c-489c-97e0-f9983d455a29

Methods and systems use a programmable sign display located in proximity to a traffic light to provide information to motorists upon the motorists directing their attention toward the traffic light. The compact unary DAC cell can be combined with additional compact unary DAC cells to provide a scalable unary DAC system that may be segmented, non-segmented, single-ended, differential, or some other DAC topology that may employ one or more unary DAC cells. The windings comprises a first conductive segment disposed on a first surface of the substrate, a second conductive segment disposed on a second surface of the substrate, a first conductive via hole connecting the first and second conductive segments, and a second conductive via hole connecting the second conductive segment to a first conductive segment of the following winding. 001 to 2 parts by weight of a high molecular weight polyethylene with a molecular weight of 10,000 or higher. In one example, SIP session messages are employed for client control of server-side call forwarding.

1459828101-e3038553-8db9-4a52-87ea-5442f5cc6f33

A device for attachment to a bicycle which includes a flat strap of semi-rigid plastic a substantial portion of which is straight terminating in a free distal end. A peak sensitivity wavelength of the light receiving part is in the range not less than 760 nm and not more than 1100 nm; at least one of the plurality of light emitting elements has a peak emission wavelength in the range not less than 760 nm, and at least one has a peak emission wavelength in the range of 400 to 760 nm. The prepolymers have lower viscosity and better storage stability as compared with those from conventional branched polybutadienes of the type. A movable ejector pin is disposed on the supporting shelf and along the midline of the U-shaped opening. In some aspects, a battery pack including a housing, a cell supported by the housing and power being transferable between the cell and an electrical device, a circuit supported by the housing and operable to control a function of the battery pack, and a heat sink in heat transfer relationship with the circuit and operable

to dissipate heat from the circuit. Furthermore, the area of the logic circuit can be reduced by stacking a transistor including an oxide semiconductor and a transistor including silicon.

1459828102-87be4910-e4b4-47b5-8ae3-56ea650cfb0f

A method and system for extending an extensible framework is provided. In that case initially the first metal workpiece and the second metal workpiece are placed one on the other on a processing surface of the counter-tool and aligned. In other aspects, the invention pertains to a system for introducing a urinary stent into the body of a patient. An inlet opening is formed on a surface of the body for supplying inhalation gas to the nose through the chamber. In addition, character data of a word or phrase in a document is designated. Next, a flexible layer is formed on the display layer and patterned if desired.

1459828102-9e36f3f9-77e6-44c7-977a-aaceee483e94

A connecting system for connecting a first mesh sheet to a member comprising a housing member, a first loop portion, and a first pin member. The first surface has a cylindrical surface with a length and a first diameter chosen to propagate TE<sub>11</sub> modes for both a low frequency band and a high frequency band. Zoom switches 5 and 6 for operating the electronic camera, and a shutter 7 are arranged in a position out of the center in a longitudinal direction of the side. When the data is judged to come under the predetermined category, the storage unit stores the locating information and collects pieces of locating information for locating where the data exist. The friction-reducing layer comprises a metal salt.

1459828103-26ea4c60-f50a-4050-9d70-81061f1596ce

A system facilitates two-way messaging in a network that includes at least one paging device. The present invention achieves the above object by a method of permeating of maltose and/or  $\alpha$ -D-glucopyranosyl- $\alpha$ -D-glucopyranoside or saccharides comprising the same and other oligosaccharides in a prescribed ratio into the above food containing gelatinized starch by admixing the saccharide to the food and holding them at relatively high temperature for a prescribed period. One of these sensors are selected by carrying out calculations on signals outputted from the sensors. A parabola waveguide length  $Z_0$  exists in a range  $Z_a, 0 = Z_0 = Z_p, 0$  determined by a parabola waveguide length  $Z_a, 0$  where the ratio of absolute amplitude between the main peak and the first side peak in the field distribution of far-field of the parabola waveguide has an upper limit of 0. The package is used to produce protective clothing, in particular protective vests, suits, and mats. For each memory cell in the respective portion of the storage medium, a memory controller is configured to perform a plurality of sensing operations and obtain results from the plurality of sensing operations, where the plurality of sensing operations includes sensing operations using a predefined range of offsets from a previously established reading threshold voltage.

1459828103-b545774b-6bd7-4108-90eb-5bb15c06d4dc

In a multi-core system, multiple packet engines across corresponding cores may be working concurrently processing data packets from data flows of SSL VPN sessions. A plurality of adjustable rods segments extend between the plurality of securing members. A voltage for back gates in the logic circuits having a small load in the logic circuit block is controlled in response to activation of the block from outside of the block. A first plunger is sized to pass through the first chamber section and not the second chamber section. A lever side outer ring of the lever side clutch section is formed of a thick plate-like member formed by punching. If the default preferences permit the requested access, an access rule is created dynamically and the client's request is filled, without interrupting the user.

1459828103-c83c73e5-606f-46a2-b7f4-657ff4dfd9cf

A photopolymer plate manufacturing process utilizes a modified substrate and mask to generate pre-cut and interchangeable single and multi-part stamp dies. The

container provides access to an inner cavity that receives a bag with opened and closed ends. An electron-emitting device made up of device electrodes, a conductive film, and an electron-emitting portion 5 is formed at each intersection between the row-direction wiring line and the column-direction wiring line.

1459828103-fb92bd11-6f7c-415b-aae9-f752f5021ec3

An induction foil cap sealer includes a sealing head module and power supply module that can be separately mounted and replaced. According to the thus provided alloy powder raw material, the maximum size of the powder particle is not more than 10 mm and the minimum size of the powder particle is not less than 0. The thermal elements upon supply of a current are capable of either heating or cooling the image capturing device or a platen of the image capturing device. Services are provided can read the stored encrypted location data, processes it to determine if group members are in the same vicinity, and either respond to user queries about the location of other members of a group the user belongs to, or push this information to appropriate users.

1459828104-05b2a1ed-a162-4ac1-bd0a-0c00cff8a30e

The invention provides a phosphor composed of  $5\text{SiO}_4\text{M}_2\text{X}_6+2\text{Y}$ , wherein M is Ba individually or in combination with at least one of Mg, Ca, Sr, or Zn; RE is Y, La, Pr, Nd, Eu, Gd, Tb, Ce, Dy, Yb, Er, Sc, Mn, Zn, Cu, Ni, or Lu; X is F, Cl, Br, or combinations thereof; 0. A first fitting is provided that overlies the rail and a second fitting overlies the rung. The status detecting module detects a connection status between the client and the network device.

1459828104-106a97b2-525d-4fe1-94fe-700099bbddc1

The present application is directed toward fire-rated wall construction components and wall systems for use in building construction. Herein, distances between the side surfaces of the both ends of the magnetoresistive element and the side surfaces of the bias magnetic layer viewed from the protective film do not exceed 3  $\mu\text{m}$ . The movable elements of the surface micromechanical structure are exposed by removing the first sacrificial layer.

1459828104-5fae8892-c1d5-4008-9ee7-ed8f62e4b579

A method and system provide a magnetic transducer having an air-bearing surface and at least two read sensors. A determination is made of the spectrum characteristics of a radio environment in the vicinity of the broadband powerline communication system that is transmitting data on modulated carrier frequencies. The storage device receives data from a host device, and stores the data in the user partition.

1459828105-0d0e9339-63d9-4fa7-94f8-4fe085275f60

A method of operation of a navigation system includes: detecting a location reading; selecting a route having a current edge with an endpoint and a shape point; predicting a navigation instruction based on a calculation with the location reading, the shape point, and a time delay for the calculation; and displaying the navigation instruction on a device. According to one aspect, step-by-step execution of an instruction sequence is implemented where each instruction is guarded. The searching system then searches the required web site for the users by using complete comparison or fuzzy comparison and displays the content of searched homepage to users' browsers. Near the upstream end, the main plenum includes an aft switchback, and, between the aft switchback and the downstream end, a forward arc. Then a matching scheme is selected from the defined matching scheme such that the calculated cost is the minimum among the calculated costs of the defined matching schemes. The present invention solves the problem by providing a gas barrier substrate having a base material, a planarization layer formed on the base material, and a gas barrier layer comprising a deposition film formed on the planarization layer.

1459828105-71ce6a09-e9fe-4453-ac98-069252cdb8f4

A humane animal trap includes an enclosure having an opening with a door disposed therein. In this transmission system, an instantaneous power amount is calculated, and is compared with a preset upper limit value. By transmitting the data from the video receiver to the remote control unit, the information is available to the user without interrupting the display on the user's video receiver.

1459828105-8548a4b2-ef7b-4aa4-a66f-75cd94aec169

A practical means to position and adjust the parts of a grand piano's action outside of the piano to fit and play properly, precisely, and as expected in the piano. The system includes a moving picture encoding device 1 that includes a block divider 102 receiving a target pixel signal, a prediction signal generator 103 producing a prediction signal, a subtractor 105 producing a differential signal, and a transformer 106 and quantizer 107 producing an encoded differential signal. Furthermore, accurate volume may be applied to particular voices dependent on their location relative to the player and the game may be controlled using voice commands.

1459828105-8580e790-e6b1-42f9-9c89-18be92f7add4

This invention relates to MRAM technology and new variations on MRAM array architecture to incorporate certain advantages from both cross-point and 1T-1MTJ architectures. The method also includes forming an inter-poly dielectric of a spacer shape on an inner wall of the control gate, filling a conductive layer for a floating gate between the spacer shaped inter-poly dielectrics, and forming an interlayer insulation layer over a resulting product formed with the conductive layer for a floating gate. The external housing includes an annular base plate, an annular dome shaped light diffuser, a tubular pole guide having a central bore, and a locking ring. In a valve-actuating position, the rotary sleeve drains oil from the deactivating mechanism so that associated engine valves are operated normally. Such a gasket has been found to be extremely efficient and appropriate in hygienic food processing systems, which in the past have relied heavily on elastomeric gaskets. The connector assembly includes a pin, at least one ring and a sleeve composed of an insulative hard polymer molded between the pin and ring such that the sleeve provides electrical insulation between the pin and ring and mechanically couples the pin and ring.

1459828105-8ce9e75a-cf10-4334-beb6-ab007c8b8c6f

A sample preparation device for reducing a concentration of one or more concomitant components of a sample and/or increasing a concentration of one or more desired sample components is described. The anchoring post presents a post section and an anchor section, wherein each anchor section is configured to angle away from the longitudinal axis as the anchoring post receives a force that drives the anchor section into the ground. The feed device is arranged to thrust the tool and the bit against the rock to be drilled, whereby on drilling at least part of the compression stress wave generated by the percussion device to the tool reflects from the rock to be drilled back to the tool as tensile stress, and impact energy of the percussion device is adjusted on the basis of the level of tensile stress reflecting from the rock. The optical-microwave-quantum transducer can include a gap between the optical region of the first and second nanophotonic slabs that forms an optical cavity in response to an optical signal, wherein the optical cavity can induce mechanical oscillation of the first nanophotonic slab about the axis of rotation.

1459828106-259a113e-2813-47d4-a70b-ab9cb4755eac

A curved display apparatus includes a projector, first and second mirrors, a curved screen, an infrared illuminator, an infrared camera, and a controller. A pointer contact data generator generates pointer position data in response to pointer contact with the touch surface. The resource transmits the retrieval key to the transport network. The ink circulation system is constructed so that at least a part of the ink passed through the first supply piping is directly ejected to one

of a surface of the filter on an ink jet head side and a surface of the filter on a gas-liquid interface side.

1459828106-51d3d077-1200-47f2-b0c8-d6371c7b165c

Electrically conductive films comprising a flexible support, an extensible metal or metal alloy layer, and a crosslinked polymeric protective layer have at least one permanently deformed curved region. The cold gas, and its application, covers both coated and non-coated part. A control is performed to cause the reeling roller 32 to reel the sheet-like member 31 in accordance with the ejection number of the ink which is measured by the measurement unit.

1459828106-534bd6f2-9cc8-4ff5-b8c1-7eecd24d0a72

A method and assembly for mounting power electronics modules in an equipment cabinet, cubicle or other like equipment space. Data is replicated on a recovery site from a production site. The exerciser leans away from the door, and does an exercise while holding the grips and leaning so that the weight of his body serves as resistance for the exercises. Thereby, a call connection is formed to an appropriate public safety answering point. When the electronic device is updating, the BIOS switches to electrically connect to the network connection module via the switch, and the network connection module connects to the server by executing the connecting program, downloads the update data applying to the BIOS, and overwrites the update data to the BIOS to update the BIOS program.

1459828106-badacd3f-d0d0-4ba9-b5de-6cfc59cc9abd

A dual function adjustable hand tool including a head device having a hollow and a room. A sensor is placed inside or on the patient's body. The CPU refers to toner remaining amount information stored in a memory of a cartridge and determines whether there is a sufficient toner remaining amount in the cartridge. Loops formed on the top of the legs provide a mechanism for pulling the plant cage out of the ground and handling the cage. The actuation mechanism of the system consists of six muscle like actuators which are co-activated to modulate the stiffness at the joints.

1459828107-49bad694-4879-4a49-bdad-259de78a0f02

An actuator, in particular for operation of fuel injectors in fuel injection systems of internal combustion engines, has in this embodiment a plurality of layers of a piezoelectric or magnetostrictive material arranged in a stack. Each of the battery blocks has a plurality of parallel strings of battery cells connected thereto. The second acoustic resonator has a second electrical impedance and a second resonance frequency, and includes a second set of electrodes, and a second piezoelectric layer having a second thickness, wherein the second piezoelectric layer is disposed between the second set of electrodes. The alkylation systems further include a first alkylation system adapted to receive the first output stream and contact the first output stream with a first alkylation catalyst disposed therein and an alkylating agent to form a second output stream. A specially formulated highly lubricious material is utilized for the poly walls to enable rapid clean out of the container. The heat radiating member radiates the heat received by the heat receiving member.

1459828107-b5555836-e5d1-4cfd-a977-5c81f0c0340b

A filter device for the filtration of compressed air, which is provided with a filter means able to be deinstalled for cleaning and/or renewal purposes. More particularly, the methodology of the invention provides an elongated virtual Transmission Time Interval for the first few non-compressed packets of a packet stream transmitted using ROHC compression. The initiator has a molecular structure comprising aromatic rings, carbonyl groups connected to the aromatic rings, and substituted moieties connected to the aromatic rings. The apparatus comprises a processor, communicatively coupled to a display and a user input device, and a memory, coupled to the processor, the memory storing instructions for concurrently

displaying a playing hand having at least one card and a representation of at least one card issued in a previous hand.

1459828107-d20b3efa-4685-4629-a66b-a18622d5a448

In a multi-threaded processor mobile device, power consumption is reduced by matching a number of active processing resources with the data rate capability of a serving base station. The crane is configured such that during crane operation, the moment generated by the counterweight unit acts on the rotating bed predominantly through the counterweight support frame. The solid block detergent contains a package of surfactants including a neutralized anionic surfactant with either one or a mixture of an alkali and alkaline earth metal salt thereof and an alkylpolyglycoside. Wherein the first and second fields of illumination spatially overlap and intermix with each other and are substantially coplanar with the FOV of the linear image sensing array. The repair material may be attached to a securing portion that extends from the annular portion.

1459828108-15d3b401-ba37-44b5-ae1c-495c22c0f854

An automated banking machine operates responsive to data read from data bearing records, such as user cards, to cause machine user authorization and financial transfers. The reader reads the contents data. A special valve stem sleeve may be provided to enhance the sealing of the valve stem. Any desired artistic design cutouts may then be routed or lazered through the front face section and through the first interior surface into the longitudinal groove.

1459828108-56f69736-e06e-4d5d-8c29-e7e34bdbdbab

Provided is a storage system having a host system, a first storage controller and a second storage controller. The print manager is operable to activate the guillotine upon receipt of a signal indicative of a manual attempt to pull the print media from the camera. The quantity of data is provided to the host. The shading member is movably arranged within the black-body condition space.

1459828108-8d3f4a45-c6c8-4e50-9a5c-ddc72179316e

In a shift system wherein the transfer of power is performed using a motor, the smaller the gear ratio difference is, the smaller can be made the motor output. An oscillating signal is transmitted through the first electrode, and at least a portion of the signal is received through the second electrode. The tissue anchor further includes a length of suture material having a first end affixed to a distal end of the inner member and a second end preferably affixed to a suturing needle.

1459828108-90197e55-141a-4e57-aa3c-50132b89c682

Operation of a vehicle is controlled based on the presence of or absence of one or more identified foreign objects within one or more monitored zones about the vehicle. A positive electrode extends through the insulator. For a macroblock one of the available macroblock-segmentation\u2014prediction-method pairs is selected, and thereafter the macroblock is segmented into blocks and prediction motion coefficients for the blocks within said macroblock are produced using the selected macroblock-segmentation\u2014prediction-method pair.

1459828108-a10c113b-abf5-439c-8482-72693a42fe76

A medical bandaging product having a moisture curable hardening agent and a flexible liquid-permeable braided and/or tubular fabric substrate for casting or splinting, a method of manufacture of such a medical bandaging product, and a bandaging system comprising such a bandaging product within a moisture impervious package with means for resealing the package. An axle may also be mounted in the housing. This allows the blade to be freely rotatable through at least a predetermined angle. An overheat protection circuit indicates that the balun is abnormal when a temperature of the balun exceeds a temperature threshold. Frequency components of the phase-compensated samples are then computed using a frequency analysis such as a Fast Fourier Transform. Multiple PEs can generate condition

information at the same time with the programmer being able to specify a conditional execution in one processor based upon a condition generated in a different processor using the communications interface between the processing elements to transfer the conditions.

1459828109-5443c645-f804-40f4-a221-8a31924cd445

A vehicle lamp can include a position lamp with a favorable light distribution. Before canister purging is stopped by closing a purge valve, a canister vent valve is closed to hold fuel tank vacuum. In the heat radiating member, a heat receiving piece of a first heat radiating section and a heat receiving piece of a second heat radiating section are combined with each other to form a heat receiving section, and a heat transfer piece of the first heat radiating section and a heat transfer piece of the second heat radiating section are combined with each other to form a heat transfer section. Fastened to the outer sheath is a handle mechanism comprising a handle frame and a lever, the lever having teeth for gripping the ribs of the inner telescoping portion.

1459828109-a218c8a7-b2b0-418b-a5ab-655cbb5d2739

A spring counterbalance apparatus and method consists of a shade system with a torque profile, where the shade system is connected with a drive shaft. The plurality of rolls includes at least one elastic roll. A sheet member of a liquid supplying port of the fixing liquid bottle is broken by an insertion pin provided in the printer main body in synchronization with the attachment of the replacement unit to the printer main body. The strap has a first end and a second end, whereby the first end is fixedly attached to the sidewall and the second end is selectively secured to the bottom wall. Additionally, the ferromagnetic cells provide for indefinite number of switching actions on the data without degradation to the capacity to store data therein, or eliminating write fatigue. It is recognized that increased benefits may result from multiple dosing, including intermittent dosing.

1459828109-fcd4fe8c-9ff8-45ef-b9ec-087bbbd668c5

A process for the manufacture of an acetylenically unsaturated alcohol comprising reacting formaldehyde, an aldehyde or a ketone with acetylene in the presence of ammonia and an alkali metal hydroxide, the molar ratio of the alkali metal hydroxide to the carbonyl compound being less than 1:200. The checking mechanism then determines the critical operating parameters of the identified ESD devices and determines if the parasitic devices will negatively effect ESD protection performance. In some embodiments, an apparatus is provided for use with video data. A blocking insulating layer is provided between the charge storage pattern and the gate pattern. If the data checked by the system management processor is corrupted, the system management processor repairs the corrupted data before removing the system processor or processors from the reset state. The flexible wiring cable 60 connects the output side wiring pattern of the IC chip 61 to the relay board 50 via FFC 63, thereby decreasing the use of more expensive COF 62 by the use of cheap, general purpose FFC 63.

1459828110-68d88579-a70d-4203-bc15-de815e1a0e06

Methods and systems are provided for obtaining information via a plurality of platforms communicatively linked together via a communication network. Exhaust gases flow through the CO<sub>2</sub> sorbent bed before being released into the atmosphere. Upon receiving an instruction of reporting a simulation result, snapshot simulation result reporting means 22 reports a physical disk capacity of the snapshot calculated by the snapshot simulation function. The plasmonic near-field transducer includes an enlarged region and a peg region.

1459828110-a6e0f100-49a3-48ef-bce7-7f0f3c677408

This invention discloses improvements to a damper of the type used in industrial applications to open and close ducts carrying noxious or corrosive materials, such as combustion by-products. The insertion element has a stem and a head containing



an aperture large enough to receive a graft. An edge is detected from the image as a second characteristic. There is provided a rotation link 61 of which one end rotates on a rotation center axle 65 and the other end thereof slidably connected to the barcode sensor holder 59. Sub-grammars may be included within the grammar to recognize speech from sub-portions of a dialog with the user. The cable includes an elongate base substrate including a dielectric layer with an upper metal layer deposited on one side and a lower metal layer deposited on its other side.

1459828110-d79a15c5-2cf2-4f24-9ba1-b9862804175c

An apparatus including an electrical switching device to control current to a load and a second case arranged to substantially encapsulate the electrical switching device. The circuit includes a control chip. The sensor circuit is configured to monitor at least one of a return electrode pad property and a tissue property to generate sensor data. A glide notch is formed in the right wall. The lubricating films contain sulfur as coordinating atoms and therefore, extreme pressure produces sulfur radicals through decomposition by tribo-chemical reactions. The interlayer insulating film on one of the pair of substrates extends to a surrounding region of a display pixel area.

1459828111-9580383b-0573-432b-8923-96e382cdf874

An arrangement that includes a transmitter unit and a receiver for locating a circuit interrupter associated with a selected branch circuit of a power distribution system. The projection system projects, using the first projector, a first guide in a position a predetermined amount of a margin spaced apart from a border of a projection region where an image is projected and projects, using the second projector, a second guide distinguishable from the first guide. The first and second loops of the assembled strap may form a figure-eight design. Each set of display mode information shows a species of display method according to which the frame data is to be processed for a case when the frame data decoded from the main video data is displayed at one of the plurality of aspect ratios.

1459828111-9fdc21a5-abae-4b73-98bb-5dd8f90d4129

A diagnostic golf club system having a diagnostic golf club, an interface means and a computing means is disclosed herein. Uncoated calcium silicate exhibits a high pH level that may have a deleterious effect upon such cosmetic and/or personal care compositions, thereby rendering the overall composition ineffective for its intended purpose, particularly if the calcium silicate is present in its usual state at high loading levels. If the thickness of the metal ring assembly is represented by TL, and the vertical opening of the ring slot is represented by D, when the value of DTL exceeds 118, the power transmitting efficiency is reduced. At least one of the adhesive sheet, the circuit member, the spacer sheet, and the front sheet has flexibility. The remote station receives and combines the first and second transmission signals transmitted by the remote station to provide a combined encoded signal. The exchange of information between the Web browser on the management station and the devices in a cluster is accomplished via redirection of HTTP GET and POST methods.

1459828111-bb7b1174-8396-4e6c-8d1f-f5785a8eeeee6

A computer implemented method and system for accelerating advertising placement decisions is disclosed. A minimum amount of uplink resources is allocated to each user requesting E-DCH service on an individual user basis such that a cumulative E-DCH power allocation satisfies a selected minimum E-DCH power allocation threshold. Preferably, the second composition will have a higher viscosity than that of the first. The present invention provides a multiuser detection process and apparatus that is capable of pulling apart signals in heavy interference in real time by combining the signals received from two or more spatially separated collectors or antennas. The deoiled spent catalyst is slurried in a hydrocarbon medium as dispersed particles prior to being fed to the heavy oil upgrade system.

1459828111-c24377df-8870-4083-a8c5-cc7d7bc99460

A method of controlling an apparatus which is capable of determining a dot disposition of a copy-forgery-inhibited pattern image is disclosed. An actuator is coupled to the first adjustment arrangement and to the second adjustment arrangement. A heater in exhaust gas lines of a heat reduction furnace in the coal-based direct ironmaking process superheats the steam generated by and exhausted from the waste heat boiler. , within a slot 417 in the lower body, and configured to secure the housing to the base in the one of the multiplicity of angular rotations.

1459828112-16521dcf-e798-40f7-8f8b-704ad3e64ac5

A gas turbine engine strut segment includes a strut, which may be hollow, extending radially between co-annular radially inner and outer platforms, axially spaced apart inner platform flanges extending radially inwardly from the inner platform, and axially spaced apart outer platform flanges extending radially outwardly from the inner platform. The gearbox includes a differential assembly driven by a planetary-type reduction unit. After formation of the waveguide, a field-assisted annealing is carried out to move the waveguide away from the surface of the substrate so that it is buried in the substrate. The gates are connected with one another, the sources are connected with one another, and the pixel electrodes are connected with the drains. Since the pressure loss is thus made small, a drop in the efficiency can be prevented.

1459828112-2e069af1-3756-4316-a1fc-5a7a9dab97e8

An apparatus and method for dynamically adjusting power limits for processing nodes and other components, such as peripheral interfaces, is disclosed. These properties are for a given dielectric derived from measurements of the chemical bonding of that dielectric. The multi-carrier communications system is able to vary the interleaving rate based on input from a user or from data that it maintains from actual network performance. All embodiments contemplate selectable removability, replace ability and interchangeability.

1459828112-68a49e93-5085-4631-a36b-1622fd5156f4

A method for searching a corpus of documents, such as the World Wide Web, includes defining a knowledge domain and identifying a set of reference documents in the corpus pertinent to the domain. One light source is a monochromatic light source producing a light with a peak wavelength of about 580 nm or above. After the selection signal applying, a first current according to the held voltage is supplied to the organic EL device, and this emits light at luminance according to the first current. Further, trusted systems applications can exchange the V-SubId for a subscriber identifier associated with the user equipment. An application of the transfer function can compensate for one or more of an amplitude mismatch between the first and second generated signals, a phase mismatch between the first and second generated signals, and one or more frequency handling characteristics of channels used to produce the first and second demodulated signals. The present invention provides a testing method for an optical information medium using the artificial fingerprint.

1459828113-19dbb5ce-7676-4d7c-8cf9-0335ab257cb9

Synchronization methods, apparatus and systems are disclosed. The bus further enables the wireless connection of peripheral components to a computing device, thereby providing a distributed computing device. Then, from among a plurality of divided sub-frames, data read in during the first divided sub-frame period is stored in memory of each pixel, and the stored data is read out during other divided sub-frame display periods and display is performed. A preceding coded signal is used as a feedback signal and a feedforward signal for enabling natural numbers to be used as the result of coding, thereby markedly improving the secrecy security of coded signal. The auxiliary recording layer is exchange-coupled with the adjoining first recording layer and second recording layer.

1459828113-29afb4a9-770a-4b06-bf4f-1745ed6520b9

A method for synchronized transmission of audio data streams in a bus system, for example, based on the IEEE 1394 Standard, and a circuit system for performing said method including at least one data source and at least one data sink. After two data are sequentially stored in a main register and a cache register provided in a page buffer, they are respectively transferred to an even bit line and an odd bit line at the same time, and a bias needed for a program is applied to cells connected to the even bit line and the odd bit line, respectively, whereby the program is performed at the same time. A graft vessel is attached to the mounting structure either directly or by means of another mounting structure attached to the graft vessel.

1459828113-3d23870c-c6ee-447e-acf7-83a98afc5700

A highly uniform vinyl compound polymer-cross-copolymerized olefinstyrenediene copolymer excellent in processability, mechanical properties, high temperature properties, compatibility and transparency, and its composition and a process for its production, are provided. The new variety is a Weigela, normally produced as an outdoor ornamental plant for containers or gardens. A tape is attached to a first side of the thick die pad and the power die is attached to a second side of the thick die pad. The comparator is electrically connected to the N counts of output buffers, compares the N counts of bit signals sampled at a first time spot and a second time spot, and generates the delay signal according to the comparing result.

1459828113-a8564216-362f-4a47-bbd9-ee7f5c1751eb

A method and apparatus for redriving a data signal adjusts a sampling clock signal responsive to the data signal. A display area in which pixels are provided in matrix, a scanning line drive circuit for driving scanning lines, and a signal line drive circuit for driving signal lines are provided on a support substrate. Roving is disposed in borehole piercing first beam 111A Free ends of roving protrude from borehole openings and are splayed apart into individual filaments.

1459828113-ccc80fbb-f96b-4b44-9027-46fc00ce09eb

A lamp having at least a portion of a body formed of translucent material defining a hollow chamber within which a low light level light bulb is housed. The composite bonding layer is formed when a support substrate including the substrate and a first bonding layer is bonded to a lamination structure including the LED, the first electrode and a second bonding layer. An additional embodiment is disclosed which shifts automatically dependent upon the rotational speed of the wheel. The method also includes selecting at least one of the access requirements, and storing the scrambled program and the selected requirement. The image sensing unit captures a first image at a first time instant when the light is projected onto a reflection surface.

1459828114-3d29495a-7f98-44fe-9309-96b98a3eceb7

Embodiments of methods for improving electrical leakage performance and minimizing electromigration in semiconductor devices containing metal cap layers are generally described herein. Mounting clips integrally carried on the cover snap into and fix the window in the cover aperture. Accordingly, multimedia service information and content information can be stored in a tag by being written to tag information using a common format, and thus the user can later execute a service operation by easily writing information of a desired service operation to a tag and then simply connecting the tag to a tag reading device. For each candidate, the scheme constructs algebraic constraints by applying statistical histogramming, segmentation, or clustering techniques to samples of column values. A sense circuit compares the output current detected with a first predetermined limit value in another step.

1459828114-5a0dcc69-29ce-4492-9210-f6a98a1eb361

A system, method, and ticket for a lottery player to increase a payout received for winning a lottery game is disclosed. The central spring system can be adjusted to vary the hardness of the seat part. Such transitioning is effectuated in order to protect the network against attack while providing seamless communications with respect to the communicating device. A selection unit connected to the quality and delay units and being arranged to determine, for each slot, which of the user nodes is to use that slot based on the channel quality indication and the delay factors.

1459828114-d594b294-a108-46d4-98b4-59dd9992ff51

Sending electronic messages related to a tax return from a mobile communication device of an accountant or client. The memory device includes a matrix of memory cells adapted to store data and arranged in a plurality of bit lines, the bit lines extending along a first direction; a page buffer adapted to interface the matrix with a downstream circuitry, the page buffer comprising a plurality of readprogram units. Thereafter, the curtain airbags of the vehicle are reliably activated.

1459828115-0f0ac6c2-de3e-4894-b51a-e9b27bf61956

Described is a rechargeable lithium ion battery comprised of a negative electrode and a positive electrode both comprised of a current collector and applied to each a mixture of chlorinated polymer blend and lithium intercalation materials and a separator polymer electrolyte comprised of chlorinated polymer blend and filler. The compression and retraction movement of the compression-retraction member is generally achieved by means of a pinion and a rack system, and can be utilized in conjunction with dampening means. , improved flux compatibility, improved flow properties, improved voiding properties, and the like. For instance, a rehabilitation device may be operated at a relatively low power setting to allow a patient to use his or her own muscle power when moving with the rehabilitation device. The transistor further includes a first diffusion region and a second diffusion region to provide a channel region in the body region between the first diffusion region and the second diffusion region. The operational state of the system may alternately be toggled from off to on, or from on to off, with each subsequent nonverbal input.

1459828115-5c4ef806-4915-47e1-9e3c-ee0493a5e262

The present invention relates to polythiophenes, particularly regioregular head-to-tail poly, block copolymers made therefrom, and their methods of formation. Further, it aims to provide a surface modification method which permits surfaces of different surface free energy to be obtained. Methods of treating or preventing ocular pain using said compositions are also disclosed herein.

1459828115-6b6452f9-054f-44f2-b76f-6a185400ea3a

Compositions for the treatment of wounds and skin injuries are described. The system may include a tracker local to a first ISP network configured to select edge peers among local peers of the first ISP network. The proxy base station further establishes a connection with second communication station such as a landline phone.

1459828115-9f68e16f-1aab-4fae-8185-1c5fe9b44e16

An apparatus is described for the intermittent drive of a spindle for a workpiece fixture, especially a forging machine, comprising a traction gear consisting of a traction means guided endlessly about a driving wheel and a driven wheel, a continuous rotary drive for the driving wheel and a superposition drive performing rotary oscillations. The filter is balanced on both sides, is electrically symmetric, and comprises a four-pole reactance series element, which can be formed from two two-pole pole reactance elements or from a four-pole reactance element, and a resonator. A regulator 19 supplies, to a PA 202, a voltage which is controlled in accordance with an amplitude signal to which a second offset value has been added. According to one aspect, the textured image is obtained by scanning one or more texture images into memory.

1459828115-a8481e59-15a2-4e55-bbfd-88e8028bf181

The present invention provides system and method for a group priority issue schema for a cascaded pipeline. In addition, error diffusion processing is made for all thickness regions. The optical transmitter module further comprises conductive pins that are attached to the housing structure such that the conductive pins extend from the housing structure in a second direction, which is substantially perpendicular to the first direction. The type of use of the vehicle is determined.

1459828115-ba0a6b43-faf3-4dee-a3f4-34486597be81

The invention provides methods and materials for using apatite chromatography supports to dissociate and remove contaminants that are complexed to biological products. According to the method, capacitances in a first resistance-capacitance extraction corresponding to a circuit are modified. The fluid vessel comprises a first laminate barrier layer comprising at least one layer of a biaxially oriented thermoplastic polymer, a portion of which is formed into a modified dome shape, and a planar second laminate barrier layer. In yet another embodiment, the simulated exposed roof rafter end comprises an architectural design at a distal end and a cradle at a proximal end having a shape which is complementary to the profile of a conventional rain gutter to thereby cradle the rain gutter and provide support thereto. Cursor position is positioned by an interrupter disposed in a ring of optical emitters and detectors, whereas depending on the position of movement by the positioning interrupter emission is blocked, or partially blocked, between a particular pair or pairs of emitters and detectors, that particular pair or pairs being the direction of cursor movement. Additional uniformly distributed layers of routing network lines are implemented to provide connectability between different prior layers of routing network lines.

1459828116-3cf5008a-a909-432f-b52d-9d6499bb5b30

A method and system for providing protection from exploits to devices connected to a network. Each framework facilitates issuance and execution of a command that originates from a first federation participant and that is intended for execution at servers of a second federation participant. The second bump electrode is provided at a region of at least one of the plurality of conductive wirings other than the semiconductor mounting region.

1459828116-7835575e-0991-4fa1-a1ed-a983e1068eb7

A method for identifying document edges collects a predetermined number scanlines of the document against a light backing and a dark backing. Embodiments are described where the image mapping system is used for visualizing high dynamic range images such as medical images, satellite images, high dynamic range photographs and the like and also for compressing such images. According to embodiments, linear interpolation and/or extrapolation is provided with respect to windows sized differently than constraint images provided by a developer. The beam rotates around an axle during interaction with the holders. Pneumatic suction is applied through the lumen of the extractor and the suction serves to bring the foreign object into contact with the adhesive coated surface of the extractor to form a bond between the extractor and the object to be extracted. The barrier layer prevents the formation of a silicide material within imperfections or voids which form passages through the thin dielectric layer when the device is subjected to a high temperature anneal to form the silicide contact from the reaction of the silicidable material and the silicon-containing substrate.

1459828116-9d204082-2fa8-4e17-89c8-aab56b73383d

The present invention concerns a device and method for transmitting multiple optically-encoded stimulation signals to multiple stimulation sites, especially cell locations. In a motorcycle, a crank case, an engine, including a cylinder that extends forwardly from the crank case, and a housing box are arranged under a seat. In operation, the processor control circuit receives instructions from the main

controller and causes the processor on the processor circuit board to run a test routine.

1459828116-e622ef4c-ea6a-4835-a007-b673735dbeff

Systems and methods for placement of dummy metal fills while preventing disturbance of device matching and optionally limiting capacitance increase are disclosed. The housing has a chamber defined by a cylindrical sidewall and an endwall with apertures. The diaphragm 1, permanent magnets 2 and 3, conductor circuit 4, spacer 5, and iron plates 6 and 7 are installed in a baffle 8. The test results are conveniently grouped for ease of evaluation of the test feedback.

1459828117-08016a5b-6972-4d3c-8935-0afa5c5516d0

An integrated CMOS image sensor comprising pixel rows integrated on a substrate, each pixel row having pixel circuits, each pixel circuit providing a voltage signal in response to absorbed photons; and an opaque layer deposited above the pixel rows to define a set of dark pixels for each pixel row. Said immobile phase comprises a carrier coupled to a 2-mercapto or 2-hydroxy alkanoic acid. A control fluid can be supplied to the control pressure space through the control element via a control fluid nozzle.

1459828117-0a06390c-5c72-4909-b284-c42f204ec090

A distributed network system includes at least one server having memory and one or more processors. The flange means has, along its periphery, flanged coupling portions for connecting two duct elements, each of which is provided with a coupling ring, by means of external coupling means configured to engage with the flanged coupling portions. A process of allowing a DBACN to collect bandwidth request information from DBACNs or ONUs in its immediately lower stage is performed sequentially from the lowermost DBACNs to the uppermost DBACN. The first and second RCUs implement the voice call based on the assigned first and second agent addresses. The invention also pertains to the use of said salts in maximized radiation sensitivity for imaging, radiation dose measurement or mapping and detection of radiation fields.

1459828117-24411569-6968-4402-af80-0ed368069b38

A signal processing method performs operations of coherent processing making it possible notably to purge the useful signal of the spurious signals, to regenerate the transmission signal and to perform a coherent integration of the signal received by computing the cross-ambiguity between the signal received and the regenerated transmission signal. Information representing a load of glass panels is used in controlling a treatment process, such as heating of glass panels, or in monitoring production. The safety interlock comprises a first lock moveable from a first position to a second position only if both the catheter and the treating element cartridge are secured to the transfer device.

1459828117-434f1aa5-224c-400a-bd6f-2284734d4681

A hierarchical distributed search mechanism is integrated into a distributed file system. The cooking apparatus comprises a cooking surface, at least one grate, and a guard. A heat-conducting filler is filled between the coil end group and the bracket. An image of an object being stamped by the seal is photographed if the pressure indicates that the seal is being pressed.

1459828117-67adeb47-32fd-4ca2-9fca-23fc01b163a9

A disk drive receives a request to write at least one block of a first block size, wherein the disk drive is configured to store blocks of a second block size that is larger in size than the first block size. The industrial robot comprises a robot arm and a robot control device for moving the robot arm. A cradle may be positioned in the body to contact the vertebral rod. A second 2-bit ADC also receives the data and outputs odd symbol data in accordance with a fourth phase of the four-phase clock. The wet etch process is then applied to the phosphorus doped oxide for the

A multi-actuator disk storage device has at least two actuators respectively

mounting plural product heads. The present invention also provides a process for the preparation of pyrrolo2,1-c1,4benzodiazepine-glycoside prodrugs of general formula 1a-b. When it is determined that the route search operation is effective, the navigation system performs A\* algorithm search operations with respect to the start point, processing points and the destination and detects an optimum route to detour the large non-digitized area.

1459828119-ece75df2-d26f-47e1-8af0-7a25a050d7e3

An automated security and reorder system for items maintained within a boundary. The system allows a user to swap or add peripheral devices while the system is running, or in a \u201choth\u201d condition, with little or no user knowledge of how the system carries out the \u201choth swap\u201d or \u201choth add\u201d functions. %, respectively, is used as an active substance for an electrode, particularly a negative electrode, of a non-aqueous solvent secondary cell.

1459828120-4244fc19-9ed3-4029-8fd2-22535ad311e3

Network activity in a network is regulated. The cell analysis and sorting apparatus contains individually addressable cell locations. The computed arrival times, required arrival times, and timing slacks can be projected to a corner value of deterministic variations in order to obtain a statistical model of the delays and slews at the corresponding corner. The junction is formed by coupling the granular superconducting substance of the exposed area of the at least one superconducting segment of the one winding to the granular superconducting substance of the exposed area of the at least one superconducting segment of the other winding. Another level of thin-film super-lattice integration can achieve temperatures of 30 K. The device includes a substrate, a first contact layer formed on the substrate, an active layer formed on the first contact layer, a barrier layer formed on the active layer and a second contact layer formed on the barrier layer, wherein the active layer includes multiple quantum dot layers.

1459828120-8c3daff2-da57-415a-ba2e-962348165f8e

The baffle box comforter includes upper and lower fabric sections and a plurality of longitudinal baffle members which extend for the length of the comforter. The method of automatic configuration includes receiving a user input that specifies availability requirements and information of the software application, where the availability requirements include at least a checkpoint service that enables the software application to save and retrieve its state. This can be accomplished such as by the master system updating a programmable interface of the slave system to identify an image from which to boot, such as from a remote boot image stored external to the slave system. The second terminal is provided on the insulating main body, and electrically connected to a second electronic device.

1459828120-c119a51c-ffea-4e06-9233-c3f0da8d3359

It was found that the domain in which the disinclination was unstable was a domain located on the periphery of the pixel and in which the alignment orientation of the liquid crystal molecules within the pixel was different from the tilting orientation of the liquid crystal molecules due to the transverse electric field of the outer edge of the pixel and it is larger than 90\xb0. A method for preventing or treating hepatitis C in a subject in need thereof is also provided by administering the subject the pharmaceutical composition given above. The hanging base is provided with at least one engaging recess which includes an inserting portion and a sliding portion, wherein the inserting portion has an elastically positioning piece and a positioning projection while the sliding portion has a slide track, a sliding opening, and a positioning frame. The resilient member is disposed outside of the ink channel in at least the open position. The second member supports or is integral with a component that is to be attached to the shoe. The first and third electrodes are connected to a current test probe so that a test current flows through the first electrode, the subject via hole, the test via-hole and then the third electrode.



1459828121-7d1aadbe-e162-48ef-80ce-2d0c3ae67c31

Paraffin compositions including mainly even carbon number paraffins, and a method for manufacturing the same, is disclosed herein. The stimulation is delivered to one or more stimulation sites remote from the ischemic region to elicit a physiological effect that protects the ischemic region from the tissue damage caused by ischemia. The coating agent, having a pH value of less than 6, contains a salt of sulfondicarboxylic diester, a water-insoluble oxide of metal or semi-metal and an acidwater mixture. The metals are reduced and can be recovered by separation from the gangue.

1459828121-7fc08a55-addd-4e5b-b43d-61851822c96d

Exemplary system, and computer program product embodiments for changing ownership of cartridges, such as virtual cartridges between remotely located virtual tape libraries, are provided. A gap between the resistive trace and the conductive trace is provided, and the conductive trace is either magneticferromagnetic or is provided with a magneticferromagnetic material. Therefore, the plate structure having a chip embedded therein can be processed by a simple method to achieve the tenacity of aluminum and the rigidity of aluminum oxide. The device may store a flag in each node that matches a step of the Xpath expression. , the reference value and a value corresponding to the output power of the laser diode, an APC operation is performed.

1459828121-99b1879f-4223-4627-be34-238b8bae3cfa

A system and method for managing information between a diagnostic tool and a networked computing device are provided. A first and a second data access path is configured passing through the SVSs to form the SVS architecture such that when one path is failed, the other can be taken as a substitution. The electrical connection structure includes the driving circuit board, the wiring structure, and a piezoelectric element arranged from top to bottom. Its novelty consists of the following combination of desirable features:. The finished water transport plate exhibits optimal physical characteristics for bubble pressure, water permeability, median pore size, porosity, thru-plane resistivity and compressive yield strength. As the hinge pin moves according to the shape and size of the beverage container, the beverage container can be strongly supported such that the beverage can not be spilt from the beverage container regardless of a shape and size thereof when the beverage container is inserted.

1459828122-0f37321e-79be-4f43-98ee-c495863b7788

The present invention concerns the field of therapy of muscle, joint and/or skeletal diseases. The system also includes one or more discrete tasking modules dynamically tasking one or more of the surveillance resources identified in the core module without modification to the core module. Thereby, when converting RGB image data into CMYKLcLm image data, a color converter, which almost simultaneously color-converts RGB into CMYK, executes RGB to LcLm color conversion and then executes RGB to CMYK color conversion. The island connection electrode is stacked onto an island auxiliary capacitance electrode via the gate insulating film in-between so as to form an island storage capacitance. To accomplish the object, a bracket is provided, which has a U-shaped protective strap in the area of the cylinder valves and has a mount for a balance weight, which can be pushed in between the pressurized gas cylinders.

1459828122-68ead00e-1e68-443d-95b4-b6e063c15e2b

Sulfuric acid electrolysis process wherein;a temperature of electrolyte containing sulfuric acid to be supplied to an anode compartment and a cathode compartment is controlled to 30 degree Celsius or more;a flow rate F1 of the electrolyte containing sulfuric acid to be supplied to said anode compartment is controlled to 1. Further, a sealing of elastic material is provided in order to seal an instrument inserted into the trocar sleeve gas-tight into the proximal direction.

Accordingly, a potential fire resulting from the wrong operation is prevented. The invention includes a method of producing an actinium-225bismuth-213 product from a material containing thorium-229 and thorium-232. Based on an evaluation of the rules, the central server generates outputs in the form of communication to one or more authorized users via a variety of communication mediums and devices and/or the instigation of a variety of acts corresponding to the evaluation of the rules. In PLL mode, a clock signal based on the feedback signal is provided to the delay line, and the delayed feedback signal is output from the circuit.

1459828122-c690b360-7bec-4aad-9cd2-553087265622

Authentication of an electronic communication apparatus capable of communicating data messages with a server according to a synchronization protocol includes providing an authentication method indicator that specifies an authentication method according to which the authentication is to be executed. The metering rod extends through the interior of the medicament container. A seal mounted on the door sealingly engages with an upright wall on the control panel when the door is closed to prevent migration of moisture toward the components of the control panel.

1459828122-f50bd063-fcea-4777-9347-7bd682035b77

A high-pressure mercury lamp is provided that includes a transparent envelope made of quartz glass, in which mercury, halogen, and a rare gas are sealed and a pair of electrodes provided in the transparent envelope. As the device traverses a navigated route according to a first mode of transportation, the method displays a first turn-by-turn navigation presentation defined for the first mode. This single-chip structure associating both gyroscopes and accelerometers makes it possible to achieve detections and measurements in up to 6 axes, in other words 3 accelerometer axes and 3 gyroscope axes, and to exert control by a single and unique electronic unit, thus permitting a single automatic control loop in excitation and a single electronic reading chip.

1459828123-5cb77526-6d80-40ea-a878-584d9ed71a38

Protective helmet device includes a helmet with a hard outer shell and a soft inner lining. The size of the first block which constitutes the data unit handled in the execution of the input/output processing of the data in accordance with the write command by the disk controller is different from the size of the second block which constitutes the data unit handled in the execution of the input/output processing of data by the plurality of disk devices. The generated cut pieces are deposited in a predetermined order in the interim buffer and as called for are processed further. The data protection component allows applications that use the commands of the command set, such as the backup application, to access the storage of the system. Also provided is a system for performing multiple solvent extractions utilizing several microfluidic chips or unit operations connected in series. More specifically, embodiments collect temperature readings from temperature sensors within an enclosure of the system; identify and upward temperature gradient or temperature that exceeds a threshold temperature; and select a failure scenario associated with a root cause of a thermal problem that is similar to the thermal problem described by the temperature readings collected.

1459828123-dd187864-dae5-461b-8dbb-0db68a3e08b6

The present invention includes methods of influencing the sex chromosome ovulated by a female bird and altering the sex ratio in avian offspring by altering the exposure of an ovulating female bird to one or more stress hormones. Either of the control signal pin or the neighbor NC pin, which are electrically interconnected, is electrically connected to the corresponding pin of the next package. An overall noise level in the cluster is calculated using the noise level determined for each compute node, and workload is distributed among the plurality of compute nodes to reduce the calculated overall noise level in the cluster. an assembly comprising the separator plate and the laminar body, and heat-treating the assembly to convert the glass powder to a glass-ceramic.

1459828123-e205a256-4862-4d3d-a36a-7f6adb83326e

A lightweight spoiler wing design for depopulated disk drives reduces unnecessary weight from the spoiler while maintaining the aerodynamic function and structural rigidity required. The lamp bulb has two electrode pins with a predetermined distance therebetween and being connected in the glass body thereof to a light emitting tungsten filament, parts of the electrode pins are extended out of the bottom of the glass body for connecting to a conductor pair. A trigger database stores the web site. The temporary block is a physical block to store data that are smaller in size than those of the page. In one embodiment, the invention includes detecting a temperature of a semiconductor device at a thermal sensor on the semiconductor device, comparing the detected temperature to a threshold, and generating a high interrupt if the temperature is above the threshold and a low interrupt if the temperature is below the threshold. In particular, the present invention provides a jacking mechanism that telescopes from a locked, elevated position to a locked, lowered position in order to situate the jacking mechanism for raising a load.

1459828124-9421a0e9-7230-48d3-a5fc-d035869509e8

A renal failure therapy system includes a blood circuit with a blood pump and a drug delivery pump. The concepts of ranking join indices presented herein are also applicable in the case of a single relation. To create a simple, versatile and specific method for enriching or isolating cellular subpopulations from a complex mixture, the invention proposes the use of nanopatterned surfaces for isolating and enriching cellular subpopulations from a complex mixture. The pressure sensitive adhesive layer has an inner surface adhered to the bottom surface of the thermal dissipation member, and an outer surface bondable to a heat transfer surface of the source for attaching the dissipator to the source in a heat transfer relationship therewith.

1459828124-d63f8f85-c6ad-4e55-9ad7-c5d7c26c7d7b

Disclosed is a photocatalytic filter which can fully secure a space of gaps to constitute a flow path for flowing a fluid to be disposed of and which has gaps structured for easily trapping an organic substance in the fluid when the fluid is brought into contact with a photocatalyst layer. The beard trimmer is comprised of two main mechanisms, a beard trimmer and a vacuum powered suction unit. Once issued, the instruction may be enqueued within a recirculation queue if completion of the instruction is blocked by a detected blocking condition.

1459828124-fb26a854-3f90-49cb-871d-946a1ac35aa4

There are disclosed a method for producing a composite material composed of a dispersing agent and a matrix, and a composite material produced by the method. Directed primarily at elderly family members and the like that live on their own, such a device includes a video screen for display of various media in order to provide memory inducements, as well as video communication on demand. Next, organic resin including photosensitive acrylic resin is applied and an opening is formed by partially exposing the organic resin film to light. Behavior of multiple harmonics can be examined in real time and further information obtained regarding physical properties of the concrete.

1459828124-fe98f1e9-913f-47c1-bb22-142ba22aa8f4

There is provided a touch screen apparatus capable of detecting the presence a touch action and a position in a touch region depending on a change in electrical energy of one node of a touch sensor. The fee collection station may include a controller and a fee receiver in communication with the controller for receiving a predetermined fee from a plurality of users. The first gaseous hydrocarbonaceous stream containing diesel boiling range hydrocarbons is introduced into a desulfurization zone and subsequently partially condensed to produce a hydrogen-rich gaseous stream and a second liquid hydrocarbonaceous stream containing diesel

boiling range hydrocarbons. Upon inflation of the expandable portion, the overall diameter increases, the wall thickness decreases and, consequently, the voids are stretched to cause the drug to be expelled from the voids and into the bodily lumen or tissue adjacent to the medical device. The slope factor may be calculated to preserve top end gray scale range of the display by adjusting luminous output so that input data level maps to separate output grey levels between a truncated and an untruncated level.

1459828126-11aa50fb-03dc-40fc-a69a-f3433890c0ef

A screw tip is provided in front of a screw with a shaft interposed therebetween, and a check ring is fitted around the shaft. The method includes providing a first form of a license to a first computing device via a licensing service and providing a second form of the license to a second computing device via the licensing service. The anchor member is coupled at several portions to the inner surface. The retainer includes an elongate flange with an interlocking surface selectively interlocking with any one of the engagement surfaces on the frame. The support structure has a plurality of biasing structures. 7 cm<sup>2</sup>, with the proviso that a maximum of 50% of the total area of the floor covering is taken up by the area of the second particles.

1459828126-ba98ad8e-e969-48b9-abd6-ce10c431914a

Hydrogen-producing fuel processing systems, hydrogen purification membranes, hydrogen purification devices, fuel processing and fuel cell systems that include hydrogen purification devices, and methods for operating the same. The main valve disk is positioned within the valve body and opens in response to fluid flow between a main inlet and a main outlet. A guaranteed response time over the bus system is determined on one hand by the cycle time of the higher-level unit and on the other by the signal cycle time over the bus system itself. The handbag has a purse insert with sides defining an inner volume of the purse insert. In another embodiment, the barrel device may contain a foam type material to house and center the ammunition.

1459828126-f8f5e91f-a60f-42eb-92d6-a9725dc2b58e

A quick connector is configured as such that one axial end of an engagement window is co-planar with an annular end surface inside of a retainer holding portion. The plurality of frames are categorized into a reference frame and a prediction frame. The power supply further has a control component that is suitable for running an operating program. Selection circuitry may be coupled to the storage units to select the respective data value from the data stream for storage in the corresponding storage unit. System settings are controlled by the values to provide the required operating environment and the values may be captured within the system for subsequent operations and initialization sequences.

1459828127-6fa9a406-bdbc-499a-868b-6636e2dbfe55

A thermal compensation apparatus is disclosed including an elongated element extending from a proximal end to a distal end. A serving eNB receives interference power information of an uplink signal and interference increased/decrease information of the UL signal from at least one adjacent eNB. At the client, a color transform is applied to the color image data which takes into account the user's desired VOI settings.

1459828128-18c97039-c5aa-402f-ad01-14d5be54dff7

A first excitation AC signal ) is supplied to a first excitation coil of a first resolver via a first excitation line, and a second excitation AC signal ) is supplied to a second excitation coil of a second resolver via a second excitation line. The jaws when retracted are intended to be inserted into the pipe end. The liposomes, being similar in composition to microbial membranes or cells, are readily incorporated into the existing biofilm. The display photograph depicts an edited version of the original photograph such that the visible portions of skin

depicted in the display photograph is configured to imitate a general appearance of a mannequin. After the fixing base, the filter box and the air-suction motor are secured to a wall, the hood assembled in suspension can be moved to be positioned above a cooking vessel or directly covered on the cooking vessel, thereby efficiently exhausting fumes outdoors to keep the inside clean such that users can be relieved from the fumes to keep good health, very convenient in use. Further, a pull back handle is attached with the dual slide unit to allow a user to draw the plunger from the air cylinder.

1459828128-299318ec-2dbb-44c5-880a-9285927ff963

A method of forming and preserving a bioremodelable, biopolymer scaffold material is carried out by subjecting animal tissue, particularly fetal or neo-natal tissue, to chemical and mechanical processing. The handling assembly includes a pair of first handling subassemblies and a pair of first handling subassemblies. If the assessment finds a vulnerability, the log-in process can inform the user that the machine is or may be compromised, or repair the vulnerability, prior to completion of the log-in operation.

1459828128-c1b797fc-dcc8-41d5-a4e3-dac099bc156b

A method and apparatus for frequency shift-keying demodulation includes processing that begins by generating a charge signal, a data acquisition signal, and a reset signal from an I component and a Q component of an FSK modulated signal. The apparatus may include a substrate supporting a liquid composition including the substance and a solvent, and a removable micro-mold placed over the substrate and the liquid composition. In another algorithm, all constellation points are searched for every antenna except one. This invention allows segments to be identified as having a predefined maximum number of device addresses that will be associated with it. The movements of the valve elements of the bypass and throttle valves may be substantially sequential. Additionally, when a log of arrhythmias is displayed, for each arrhythmia there is an indication of whether a myocardial ischemic episode was detected within the specified temporal proximity of the arrhythmia.

1459828129-f3b86199-e28a-4be2-b777-3c94c02cca77

A semiconductor memory device is provided with a memory cell array including memory cells being arranged in a shape of matrix and requiring a refresh operation. Each nozzle arrangement includes nozzle chamber walls and a roof that define a nozzle chamber with the roof defining an ink ejection port in fluid communication with the nozzle chamber. The gamma-prime nickel-base superalloy contains, by weight, 18. If a given physical sensor detects a parameter that is not within a pre-determined operating range, the system receives an interrupt from the given physical sensor.

1459828129-fa90c635-1941-44e9-b9a3-c9c84e8786e2

Heteroaromatic compounds are described, methods for their preparation, pharmaceutical compositions containing them, methods of use, and their use in medicines. The turning part turns the turning arm about a turning axis with respect to the head. The vehicle is adapted to carry weapons systems for military application. Inflation pressure of said sidewall provides an adjustment of the resilience thereby adjusting instability of the platform in the horizontal and vertical directions.

1459828130-4d89354a-7b08-470d-a1a8-4f487b2da513

Methods and apparatus for power control in a communications device are described. The systems include at least one sizing module adapted to size components of a themed UI element. The method comprises moving at least a first valve away from a neutral position of the first valve before the engine is rotated by said starting apparatus; and moving at least a second valve away from a neutral position of the second valve after the engine is rotated by said starting apparatus. The resulting model can have impedances that are equivalent to that of the particular fuel cell, thereby capturing or providing a good approximation of the transient behavior of

the particular fuel cell. The primary cell is used to as an energy source for recharging the secondary cell.

1459828130-5cdebeda-8d15-48b3-aae1-1323413b7cd0

A three-dimensional memory array includes a plurality of rail-stacks on each of several levels forming alternating levels of X-lines and Y-lines for the array. The aerial delivery system is self contained and reusable. The invention also relates to devices and apparatuses adapted to implement the encoding method. A status monitoring unit 1335 monitors status, a change detection unit 1135 detects a status change and notifies the editing instruction unit 1134, and the editing instruction unit 1134 receives this notification and instructs editing processing with respect to management items relating to the management targets 1331. A start point in time of every cycle is determined according to the compared result signal.

1459828130-710bd135-a796-423d-9ff2-632135031014

A tank for containing compressed air for supplying the air to one or more pneumatically-operated components, devices, or systems of a heavy-duty vehicle such as a tractor-trailer or straight truck, also serves as part of the structure of the frame or subframe of the vehicle. The end fitting is comprised of a main body and a cover, and defines a cavity, a bottom wall of which is defined in part by the cover. A plurality of edge tool clamps can be mounted to a unified honing guide base system. A high-accuracy location function may then be triggered in order to determine the geographic location of the mobile device. During the read-out or storage of the state, at least one further ferroelectric transistor in the memory matrix is driven in such a way that it is operated in its depletion region. In a closed position of the member, flow from the inlet moves the member to the open position thereby allowing flow through the flow path.

1459828130-afaf482f-d970-4b16-8dd3-c4ba6a396705

A method for removing a shadow from an aerial or satellite photograph, includes collecting aerial or satellite photographs, by the photographing information collecting unit; extracting buildings at each of the collected aerial or satellite photographs, by the building information extracting unit; and estimating a shadow area cast by the extracted buildings, by the shadow area estimating unit. In a preferred embodiment, the size of primary game information such as the images of playing cards or the like may be changed relative to secondary game information such as pay table, credit, and other information. The first lens unit consists of, in order from the object side, a first lens component with a positive refracting power, a second lens component with a negative refracting power, and a third lens component with a positive refracting power.

1459828130-e41b7fb9-7487-402f-9233-6765ce821692

There is provided an internal intermediate pressure multistage compression type rotary compressor capable of reducing a height dimension while reducing the amount of oil to be discharged outside. The first converted audio signal is generated based on the sum of the left input audio signal and the right input audio signal. The bushing also includes an annular inner surface disposed between the first end and the second end defining an internal cavity shaped to receive a track pin.

1459828131-277c1f31-b3a1-4f69-a563-e7f9d12b91c6

An apparatus comprises a child restraint and a bag coupled to the child restraint. Methods include establishing a legal trust that holds assets and issues obligations that grant participation rights in its assets. Also provided are a method of polishing a target member and a process for producing a semiconductor device which make use of this abrasive. 6% by weight of said colorant; an erasable aqueous ink composition containing at least one colorant, characterized in that the colorant has a mean particle size of not more than 7  $\mu$ m and that particles having a size of not less than 7  $\mu$ m account for not more than 0. The line of action has an offset distance that is the minimum distance between the line of action and the pivot.

1459828131-621f7787-dbcc-4616-a615-236b94dd04fb

An interactive robotic apparatus that interacts with a user, especially an elderly individual to provide companionship and comfort. Each of the planetary gear sets includes first, second and third members. The cooling module, which includes strategically situated integral coolant passages within several of its panels, is adapted to protect all enclosed electronic components, including electronic pressure sensors, an EGR valve, and all associated wiring and wiring harnesses. Upon energization of the first stator coil, a first magnetic field is established to urge at least a first one of the magnets and the rotor in a direction of the first degree of freedom and upon energization of the second stator coil, a second magnetic field is established to urge at least a second one of the magnets and the rotor in a direction of the second degree of freedom. One or more sources of carrier gas are configured to deliver carrier gas through at least one of the inlets. The composition comprises at least a lipolytic substance, a thermogenic substance, a substance to inhibit the reformation of triglycerides in the bodily tissues of an individual and an antioxidant.

1459828131-85a780d5-182a-4918-84fc-91bb9ed4796e

A flow-through microcentrifuge comprising a container in which a sample is placed, and a power source capable of rotating the container around an axis. The base is secured to the housing to limit a lateral movement of the base. A substrate of a relatively thicker layer of a third material is grown, by epitaph on the nucleation layer, to form a second assembly with the substrate attaining a sufficient thickness to be free-standing. The spacer film is an LPCVD silicon nitride in one embodiment. The drying equipment removes a moisture portion from the diverted wood pieces.

1459828132-9a3341ca-2c03-47ff-a698-04796ad90f4c

Computer-accessible medium and apparatus for providing subscription-based shipping of items. The access device stores access patterns that associate a subscriber with a call server and define trigger events. Each blade is attached to the milling cylinder in such a way that any one of the four directions of the blade can be selected by rotating the blade around the central axis of the columnar body. Such detection is used to electronically initiate capture of electrical responses from a plurality of electrodes placed on the patient's skin in proximity to the particular area. The invention also allows the player to gain mobility, as heshe does not have to deal with paintball pods flopping around during running, diving, crouching, jumping and crawling activities.

1459828132-c26496ae-b565-4552-8d67-7fa885d05cf1

A suction brush of a vacuum cleaner for both vacuum cleaning and steam cleaning is provided. The retaining wall block includes top, bottom, front, back, first side and second side surfaces. When the mixture is ignited by the ignition electrode 7a, there is a flow of the air-fuel mixture around the ignition electrode 7a inducted by the squish guide groove 15 so as to move toward the center of the combustion chamber, so that the flame propagation rate within the combustion chamber may be enhanced as the ignition is effected on such moving air-fuel mixture.

1459828132-feef0762-bf84-45a9-bbcd-f5fcd899ba2f

A chemical application line is provided having a core chemical application carrier to dispense a desired chemical into a target environment over a period of time. Each substitute currency medium has at least one barcode. During fault conditions, a light sensor senses the ambient lighting conditions and the microprocessor reduces current supplied to the LEDs under reduced lighting levels, such as night, further conserving battery life. Also provided is a device made by this process, an active agent-plastic administration device such as a syringe containing an active agent in the form of lyophilized cake, and an array of such administration devices. A polysilicon layer is deposited on the dielectric layer and further

defines a plurality of parallel, separate bit lines. The apparatus real-time records a source address and input port information of GbE Ethernet frames in a memory, compares a destination address of the Ethernet frame which is a payload of a GFP frame with memory table information, searches an output port location of the GbE, and interreceives GbE frames and Generic Frame Procedure frames by multiplexing/demultiplexing.

1459828133-07722646-c9e6-4b49-9df8-404716edb7f4

A two-piece extendable L-plate provides clearance between a camera and a quick-release receiver securing the camera to a support permitting a camera having cables connected to the side of the camera's body to be secured in either a landscape or a portrait orientation. The antenna control parameter sets include, for each of the transmission channels, a channel value or a channel value combination with which a relative amplitude and a relative phase of a radio-frequency signal emitted via the appertaining transmission channel are defined. The amplifier controls a current source which outputs an output current. Thereby, the delay locked operation can be always conducted accurately. First and second covers are pivotably disposed on the base member. The plurality of terminals includes a sense terminal.

1459828133-88488c71-c346-4a88-ba8c-981bc5b352e3

Circuits and methods for aligning two or more signals including a first and second signal. A processor 5 is responsive to signal 3 for selectively defining a second signal, in the form of an inaudible ultrasonic transmission 6. A reflecting member for reflecting a subject image captured from the lens unit to a finder provided in the main body is mounted at a backside of the focusing screen in the rotating member. The interface board includes an expander coupled to the cables and an external connector coupled to the expander.

1459828133-a2ba9c47-14db-44c3-a479-733c5532e850

The present disclosure relates to an LED-based lighting component that can control the color rendering capability of its generated light based on the presence or characteristics of ambient light. The memory stores templates that provide access protocol information about the external devices. The switched capacitor amplifier section has a signal charge storage section, an amplification transistor whose an input side is connected to the signal charge storage section, a capacitor connected between input and output sides of the amplification transistor and a reset transistor. The IO configuration mechanism further monitors the IO performance of the executing job to then dynamically adjusts the IO node distribution based on the IO performance of the executing job. The photonic crystal structure has at least one reflection minimization layer disposed at an airphotonic crystal interface.

1459828133-fd8526b0-be09-4951-9dc9-d7b28948151f

A verification device of an effective visual field range of a display takes into account a use environment. Each respective data handler is coupled to a respective set of data ports of the plurality of data ports and to a respective set of memory devices of the plurality of memory devices. The script is searched for a given character string, and the given character string is replaced with its associated substitute characters or character strings.

1459828134-4af4f0ee-459a-4dc7-8d05-864d2dfcbcca

Various systems and methods are described for controlling an engine with a turbocharger in a vehicle. To achieve this object, a pickup image storing side multi-stores, in a memory removable from an apparatus or system together with an image picked up by an image pickup device having a plurality of color filters, a plurality of control values used for white balance control of the pickup image. The reset pin is operatively coupled to the valve disc and shiftable along the slam-shut axis relative to the valve body between an untripped position placing the valve disc in the open position and a tripped position placing the valve disc in the closed position. When the decorative floor tile is installed over an underlying



surface, and pressure is applied to the decorative floor tile, a vacuum is created within the blind passageway and the underlying surface. The inner portion of the sliding member locates an end of the damping device that can be pushed inwardly to provide damping. Each piezoelectric element unit has plural piezoelectric elements divided by a plurality of slits formed in the piezoelectric element member.

1459828134-54695d06-4ebc-4b8f-9bbf-a15f883df45a

A floating fountain apparatus includes a buoyant annular float having a central opening. The light guiding object includes a cylindrical body, a reflective layer, a transparent resin layer and a light-adjustable film. With its lateral leaves extended, the irradiation head has a plane configuration formed by the middle section and the extended lateral leaves. Power input to the SSPC of the second type may be connected to a unidirectional SSSD of the SSPC of the second type.

1459828134-5b390d3c-2a62-4b2f-9990-db22a06b17e5

A user interface is described that informs the user as to the status of the operation of a voice recognition application. The GUI type model provides a reference set of GUI element types. The converter circuit includes a first switching circuit and a second switching circuit both coupled with an output circuit.

1459828135-06bb9327-ea51-494e-8619-01a41f02d0fe

A new and distinct cultivar of Limonium plant named 'Esm Amazona', characterized by its erect, long and strong flowering stems; vigorous growth habit; freely flowering habit; small light pink-colored flowers with red purple-colored venation; and good postproduction longevity. One or more readers are disposed within a locale being monitored and are structured to communicate received data transmission from a host controller, for additional administrative processing in terms of determining the existence, location and/or movement of various articles with which the plurality of tags are directly associated. Especially preferred binding molecules according to the invention are short polypeptide sequences, characterized by a stable loop structure. The bridge also determines whether to refrain from transmitting an audio signal to the cell phone, when the bridge infers that the cell phone is being used as a satellite microphone, such as when the cell phone is placed on a conference room table. In this formula, each of the A1 and A2 is a group including at least one of a primary amino group, a secondary amino group, a tertiary amino group, a hydroxyl group, a carbonyl group and a carboxyl group, the A1 and A2 are the same or different, and optionally simultaneously exist, and the B is a group including a fluorene ring.

1459828135-0e1e8566-c0c5-4557-824b-5a39b8766726

A system and method of cleaning and scrubbing contaminants, including sulfides, from an unclean or raw gas includes one or more containers, each of which include a gas permeable receptacle or bag containing an appropriate gas scrubbing medium for removing the contaminants from the gas stream. The second monomer is preferably selected from the group of monomers having carboxylate functionality or sulfonate functionality. Therefore, by allowing different types of DAB receivers to uniformly process video services, it is possible to achieve high efficiency in video service processing and controlling. The inlet channel may connect to the center of the separation channel and an outlet channel may connect to each end of the separation channel. Additionally, grooves are formed parallel to the aforementioned through passage on at least any of the surfaces, upon the edges of which are provided engagement plates protruding into the cross sections of the grooves.

1459828135-13adb493-5609-4c8c-9652-9b487b677ae4

A method for forming a passivated densified nanoparticle thin film on a substrate in a chamber is disclosed. A document to be placed on reserve is faxed to a network server. The metallic foil defines a honeycomb arrangement of longitudinal passageways from an upstream end to a downstream end and also openings for allowing

exhaust to pass between adjacent longitudinal passageways of the metallic foil. Guide portions making an intrusion into a portion between the relatively facing links are protruded from both side surfaces of the sprocket. The joule heating circuits are configured for simultaneous operation with the arcing electrodes, but without detrimental interaction with the arcing electrodes.

1459828136-058763c8-7a54-4b7d-97fb-8cb27b64e160

The notebook computer includes a base and an upper cover. In the manufacturing method, a chip and a porous material are provided. The system includes a scanner configured to read product environment data from the environmental sensor. The contact hole is formed in the intermediate insulating layer. The frequency domain adjustment is then applied to a spatial domain.

1459828136-1a0360d4-b0b7-42c9-be15-67d33af3398e

Method for linking a first and a second communication bus through a wireless link, comprising a first portal connected to the first bus and a second portal connected to the second bus, said first and second portal communicating over a wireless connection. The methods and apparatuses can include an attachment scheme that is less intrusive and less sensitive to dilation of the insulation layer on the pipe than previous strain monitoring solutions. The registered location for positioning the nozzle allows removal and replacement of the nozzle key with the nozzle subsequently positioned in the identical location. Each frame member is configured to accommodate at least one wiring assembly.

1459828136-2229b5b1-55e7-4d94-932f-8f5a9ae270b6

A card reader for a point-of-sale system that is configured to accept both magnetic strip-type and integrated circuit chip-type payment cards. A trace command, which includes one or more specified fields to be traced and a trace output file location, is defined. In various embodiments, SQL PBGF can have a cladding region including 2-10 layers of air-holes. This condition will persist until the strand is damaged by the presence of heat and open flame which is in close proximity. The outer wall is connected with the inner wall via a connecting seam running along an edge region and sealing against escape of the temperature-control fluid, and via a plurality of, especially point, or ring, shaped, inner connection locations, which are arranged spaced from one another in an inner region at least partially enclosed by the edge connection seam.

1459828136-ffdad9c2-1675-4f1a-b18b-759747d204b3

A device for collecting alveolar breath. Examples of molecular complexes include protein-protein complexes and protein-nucleic acid complexes. The patterns to be searched in the input stream are defined by the user as a set of regular expressions. The read-out section includes at least a first horizontal CCD channel disposed beside the two-dimensional pattern, a second horizontal CCD channel and vertical CCD channels interlineated within the pattern of image elements. Nonvolatile memory elements store the test results in a buffer.

1459828136-ffffdfb8f-9475-4057-a0dc-b295dacc02f3

A portion of the disclosure of this patent document contains material to which a claim for copyright is made. The apparatus main body includes an opening in which at least a part of a stroke region of a carriage is exposed. Delineator assemblies using the ground anchor, and methods of installing the ground anchor, are also provided. The invention also relates to the utilization of waste waters within cooling towers and for laundry applications.

1459828137-a5543eba-69da-47e5-bd7e-ec6f913487ef

A scheduling method implemented in an operating system kernel for supporting multimedia applications is provided. The system includes a helmet over which a hood or a toga suspended. The structure so formed completely surrounds an upper conductor and terminates on a horizontal extension of the MTJ sense layer.

1459828137-c78f54a4-f8dd-41bc-819b-27440f5b3214

The present disclosure relates to a new and distinctive hybrid tomato designated \u2018E2134649\u2019, to the plants of hybrid tomato \u2018E2134649\u2019, to the plant parts of hybrid tomato \u2018E2134649\u2019 including the fruit, and to methods for producing a hybrid tomato using \u2018E2134649\u2019 as a parent. According to the present invention, the two guide rails rest essentially without moving play against at least two counterpart support surfaces of the guide support extending essentially in the guide direction, two of the counterpart support surfaces enclosing a predetermined angle, preferably of at most 90\xb0, between them. A map or distribution of T2 parameters is then calculated over the entire region of interest. The model control section calculates Umf and Ums so as to cause a position Pm and a velocity Vm output by an internal model 2Tu seconds later to coincide with the generated position trajectory and velocity trajectory. A suspension mat is attached to the protective cloth below the foam bun to add support. A scheduled object delivery period is computed which is equivalent to the maximum object group delay period allowable.

1459828137-cc237644-b375-44be-9297-ab027a5ddb2

A partial oxide film with well regions formed therebeneath isolates transistor formation regions in an SOI layer from each other. The lifting structure comprising two upwardly extending variably extendible support structures, an arm having a proximal end portion and an intermediate portion, which are pivotally connected to an upper end portion of respective ones of said variably extendible support structures; and a load support structure depending from a distal end portion of the arm. Said antennas emit receiving signals which are sent to an electronic evaluation system which measures the mechanical stresses of the rotating part on the basis of both receiving signals. Legs can be added by force-fit into receptacles molded into the base and a wooden shelf can rest on top of the base to hold the feeding bowls. According to the above configuration, it is possible to decrease a loss of a bridge circuit and common-mode noise, and to provide a power factor improvement circuit in a smaller size.

1459828137-dded4612-b015-4ec9-8b00-e9ed8610e555

A differential receiver having a pair of cross-coupled signal conditioning devices improves transition time and data signal integrity. Conference sessions are established using the persistent virtual private meeting rooms in response to activation acts by the users. The key metal fittings comprise through-holes for lock insertion, and are usually positioned in a space between the main body and the door.

1459828138-8c44c35c-2920-47d6-9c78-bd8306f5ed6a

An optical device includes fluid circulating member link sections that can link a plurality of fluid circulating members. An abutment portion is formed on the mounting member which is brought into abutment with an inner surface of the outer wall of the fuel tank. Accordingly, the sulfur poisoning amount is accurately estimated and by performing the sulfur poisoning regeneration at an appropriate frequency, any excessive sulfur poisoning regeneration can be avoided, thereby preventing deterioration of mileage.

1459828139-594a75af-c07f-4d31-86e0-c638668e151d

Queries regarding access permissions of users and rights to directories in a complex enterprise are executed in near real-time, using lookups to tables that form a condensed database maintained for each file server. A WCDMA node B broadcasts a congestion occurrence information message over a cell area when congestion is sensed. These values can then be used to adjust commanded variables such as start of injection, commanded pulse width, rail pressure to meet operator demand. Indication is made to resubmit the status request if there is a status request for the computational resource pending before the establish operation has

completed. The use of the defined microemulsion enables the addition of perfume as well as other cosmetic attributes to an aqueous base composition under conditions of low shear while avoiding any problems of gelation or physical instability in the finished fabric softener product.

1459828139-9c9411b9-3115-4f2e-b6d6-3f9ae566e785

An electronic converter converts high-voltage AC power main voltage, such as 120V, 240V or 277V, to a low-voltage suitable for driving a halogen lamp. Also provided are peptide conjugates prepared from such synthons, and synthon and conjugate preparation methods including procedures for identifying the optimum probe attachment site. The rotor is arranged inside the stator in an opposing relationship with the cap portion of each of the teeth.

1459828139-abd825ed-ab4c-49ab-9332-c30b0801de36

A nasal cannula support device includes a generally L-shaped strut having a long leg and a short leg. When the computer at the main receptacle is shut down, the auxiliary receptacles are electrically disconnected from the main receptacle to automatically turn off the peripheral apparatus. pickling the surfaces with a solution containing chromate ions; b. Enhanced resolution of absorption spectra is provided when a gas sample contains a large number of components of different gases. The background clips are analyzed and a distance value between the loudness corrected foreground clips and the background clips is defined. The method further includes subtracting the substance contribution from the absorption data, thereby providing corrected absorption data substantially free of a contribution from the substance.

1459828140-3c2bdbd9-795d-4c02-bdd4-1fcf8dfad71a

A particular device includes a transmitter. The modular sunroof frame assembly is attachable to the body structure and includes right and left side rails, front and rear cross beams, and a plurality of corner attachment couplings. The method then detects a request to write a new session to the rewritable optical disc.

1459828140-72e57e00-eba2-4918-9e51-29b70d1cf7f4

A method of operating a sailing boat is provided, comprising detecting a force of a mast of a sailing boat on a mast step of a hull of the sailing boat, while the sailing boat is sailing across a body of water, and providing a reading of the force. Said structural element comprises a winding member which is embodied as a flat component and on which three coil windings are mounted in such a way that the axes of said coil windings point in the three three-dimensional directions. The support mount extends above and below the arm to embrace the seat back.

1459828140-94aaa820-ff9b-4370-81e5-8170209f88a5

A heeling apparatus includes a shoe with a unique feature in the heel that allows one to walk, run, or roll seamlessly. The system includes a patient simulator. A tracking table tracks readunread information on a per-user, per-row level. The brake system is further adapted to transmit a trailer identifier such as an SSID, such that the trailer identifier can be paired with a further device, such as a mobile telephone associated with a tractor driver, the further device having previously been provided with the trailer identifier. The system further includes a floating lamp having a balloon and a lighting element mounted in the balloon. The former is structured with a porous material through which a fluid can pass.

1459828140-f52ce1a3-4c0f-41bc-988a-5e648a5956f3

When a ratio  $R$  between a total angle  $\theta$  of a widening angle in a median intensity of light of a light source and a total angle  $2\theta$  of a widening angle of light defining a numerical aperture  $NA$  of a collimator optical system is defined as  $R = \frac{\theta}{2\theta}$ , the numerical aperture of the collimator optical system is set so that  $2$ . An inducting heating coil has a plurality of bobbins each having a particular diameter and assembled in a telescopic manner. The container transport

assembly advances and positions the containers along a first path towards a loading zone. Back-end circuitry in the synch path generates one or more control signals for controlling the timing of the sampling circuitry based on the front-end output signals.

1459828141-1ba1d89e-bc47-4ce8-a181-f841480cda2a

A laser diode capable of improving surge withstand voltage by preventing damage to a rear end surface, and a method of manufacturing the same are provided. In response to a completion of a memory operation, a determination is made whether or not a refresh backlog count is greater than a first predetermined value. Next, a conductor layer including a lower layer of Cr and an upper layer of aluminum-based material is deposited and patterned to form a data wire include a data line intersecting the gate line, a source electrode, a drain electrode and a data pad. The fluid that does not pass through the membrane is collected in the retentate collection chamber, and can be recovered such as by a reverse spinning step, achieving recoveries greater than about 90%. The coated aluminum alloy powder-pigments are electrically active and prevent corrosion of metals which are more cathodic than the coated aluminum alloy pigments.

1459828141-3db87924-16ea-47ec-a483-a43224f6ad40

The present disclosure generally provides for an integrated circuit structure with a bulk silicon finFET and methods of forming the same. The particles may be utilized in methods for modulating expression of genes in target cells. The technique of the invention can include a moving of a strand of material at a selected speed along an appointed machine-direction.

1459828141-dec386f0-391d-4c5c-b9eb-d48400a803c4

In an inductor integration process, a high Q inductor is achieved by forming an AlCu inductor via prior to depositing the inductor dielectric. The method of annotation for electronic document includes: storing annotation contents for one or more electronic documents into a shared dictionary; and when a reader browses an electronic document, providing the reader with annotations for the electronic document based on the shared dictionary. The effector molecules are attached to the distal ends of the polymer chains. Application of cranking torque to the combustion engine is controlled in operation to substantially temporally coincide with a gear change in the gearbox. The first channel forms a rib of a first impression material being introduced into the interior of the base body and flowing through the bottom opening into the first channel.

1459828141-f6807476-8dfd-4657-9ffb-6661051c80b6

A method for sorting integrated circuit devices of the type having a substantially unique identification code, such as a fuse ID, including automatically reading the ID code of each of the IC devices and sorting the IC devices in accordance with their automatically read ID codes, is disclosed. The article of footwear may also include a cavity having a first portion defined between the upper and the midsole that receives the prosthesis when the prosthesis is inserted into the article of footwear and a second portion having a constant dimension between the upper and the midsole along the length of the second portion. The distributing element is divided into cells, where each cell has a liquid inlet and a liquid outlet perpendicular to the cooled plate, and the distributing element has multiple cells along the plate. Each laser is oriented at an azimuth angle 45 degrees from the orientation of the manhattan geometry on the wafer, and 90 degrees in azimuth from one another.

1459828142-0e72a94a-f235-4e04-a501-9f7b563f92cd

A refrigerant distributor includes a body portion defining a swirl space, a refrigerant inflow port, and first and second refrigerant outflow ports which causes refrigerant in the swirl space to flow out and distributes the refrigerant to components of a refrigeration cycle device. The friction stir welding apparatus includes a spindle housing and a pin tool concentric with an axis and rotatable

relative to the spindle housing about the axis. The bracket includes a top wall and a mounting piece. The sound processing means can feed the first receiver with a first signal of a first central frequency and the second receiver with a second signal of a second central frequency. Each of the one or more failed statements are re-executed according to the predetermined order. If the binary process is non-stationary, then a cardinal number of the set of predicting functions is equal or less than a cardinal number of the behavioral genotype set.

1459828142-be022b2d-a6e7-4603-93b1-9393adf6269b

A method for producing a porous cross-linked polymer sheet capable of slicing quickly is provided. The invention also provides methods for isolating betulin; lupeol; betulinic acid; 9,10-epoxy-18-hydroxyoctadecanoic acid; 9,10,18-trihydroxyoctadecanoic acid; polyphenolic polymers and fatty acids from birch bark. For a Yellow alarm, this means that for the case of D4 superframe format, the second most significant bit of each of the twenty-four bytes of a T1 frame containing at least one fractional DS1 carrying alarm information is set to a \u20180\u2019, irrespective of whether the bytes are valid DS0s or idle bytes.

1459828142-f3ce9eb5-9776-422f-965f-c34911b5cdf7

A highly reliable light-emitting device is provided in which an organic light-emitting device is not degraded by oxygen, moisture, and the like. The optical lens of the present invention is composed of two optical lenses that form a pair. A reliability measure is determined based on the required amount of retraining and a class of the data item is determined based, at least in part, on the reliability measure. A leaf spring and detent is provided to fix the guard in the extended and retracted position, and provide slight resistance during movement between each position. A magnetic field sensor is disposed adjacent and stationary with respect to the element for sensing magnetic flux to produce an output signal which is based on the position of the element.

1459828143-13f89f68-a58b-46ae-8626-653ee278ca71

A dynamically reconfigurable processor is provided having a wiring structure which enables flexible mapping of a program to the processor with a small wiring area. A suction generator and dirt collection vessel are carried on the body. Based on the context of a computer associated with the input device, an illuminated pattern identifies the current functionality of one or more of the inputs of the input device. The electronic control module correlates information transmitted from the wheel unit with antilock brake system data. The rotor phase generation unit is arranged to generate an estimated value of the rotor phase and an estimated value of a rotor speed using the correlation signal.

1459828143-51d64f37-09d0-4e68-a9d3-17953e76ad35

The invention relates to dental materials which contain filler and a polymerizable matrix and are characterized in that they additionally have a component which contracts during thermal treatment. The protective weather garment may include an upper portion, a body portion, and an adjustable bottom portion. For each group of corresponding pixels from the digital input images, an average color value in a first color space is derived by taking a separate average across each color channel of the first color space. The support assembly member may include an actuating lever having a grip portion for facilitating engagement of the actuating lever and a locking portion.

1459828143-e6e07b16-9678-492f-9ceb-8a654666f641

A system and method for previewing a reboot. In the technical solutions, a signal processing method in a microwave transmission apparatus includes: directly multiplexing at least a service signal and a non-service signal, and converting the multiplexed electric signal into a multiplexed optical signal; and sending the multiplexed optical signal to an ODU. The mask and the array of lenslets are disposed such that light from the wavefront that is transmitted by the transmissive

regions is focused by onto the detector array by the array of lenslets. The upward facing parts of the legs perform a boundary defining function in bordering the seating area of the support to constrain the foot of an item resting on it, once in use. In this way, the invention avoids the problems encountered with prior methods, in which synchronization resulted in a recurring record being transformed into a series of individual records.

1459828144-52a14f70-1300-46d6-98b7-41b16a5ad1d1

An IC card system for transceiving data signal between an IC card processor and an IC card in the manner of non-contact are provided. The computer employs a software application that allows the computer to communicate with the resource. To prevent the jamming of objects that have been inadvertently placed below the base door, the novel wall-mounted cooking appliance has a control unit that detects an angle of inclination of the base door and controls the drive device in accordance with the magnitude of the angle of inclination to reduce the latter.

1459828144-6fd42d84-38f5-4bc9-88e2-0c7ae0505375

A mechanism for applying security category labels to multi-tenant applications of a node in a PaaS environment is disclosed. A clamp region is formed between the first and second clamp members. In order to allow the blade to deform more easily so that the filler can take up the strain, the webs are pre-buckled so as to compress at least some of the webs. An output timing-determining device outputs a switch changing-over signal to either one of respective changing-over switches in a changing-over switch circuit.

1459828144-83122629-03ae-456b-8ad8-237a74a778f8

A dispensing system for chewable pet toys contains multiple toys and dispenses them at intervals determined by one or more modes of operation. A linear array of phase shifting elements in the MEMS device creates a linear image which is scanned to form a two dimensional scene. In its locked use position backrest frame can be pivoted relative to seat frame within a comfort range by motor.

1459828144-90ed56b2-9de4-4af5-8d9c-eff6a716abb2

A cleaning assembly 10 having a telescoping handle portion 12 and a sponge member 40 which is pivotally coupled to the telescoping handle portion 12. The fiber optic assemblies include a plurality of optical fibers and a plurality of electrical conductors for transmitting power with a protective sheath covering at least a portion of the same. If the first information is associated with the process control system, second information is generated to indicate that the first information is associated with the process control system.

1459828144-b0c4e71c-84f4-415b-aa9f-1c2ff90169c7

A system and method of asset sealing and tracking includes a first RFID device with a first identity that is permanently affixed to a container door, and removable second RFID device with a second identity is coupled to the first RFID device and inserted through a locking hasp of the container door. The sleeve has an inner diameter which is greater than the maximum diameter of a pot disposed therein. The main chamber is capable of collecting the high pressure air via the air-in passage to actuate the cylinder to move up while the valve bar is pressed, and exhausting the high pressure air via the air-out passage to actuate the cylinder to move down for reposition while the valve bar is released. At intermediate positions between the first and second positions, the flowable material input is divided between the first and second containers. Electrical current routed to the adapter through the light fixture simultaneously illuminates the light bulb screwed into the socket of the light holder and the audio alarm. All this significantly increases the reliability and efficiency of the machine and results in decrease of the related manufacturing and operating cost.

1459828145-0a4fcd98-3b2f-4d72-9ba2-97a43d647723

A two TFT pixel structure liquid crystal display includes a first and a second scan line, a first and a second signal line, and a pixel. The method includes indicating to a number of forwarding engines that a forwarding engine has completed a switchover operation and causing at least one of the forwarding engines to acknowledge that the forwarding engine has completed the switchover operation in response to the indication. The rail structure comprises one or more tracks oriented parallel with external wall sections made of metal, and a partition separating the external wall sections and comprising an intermediate wall made of an electrically conductive material.

1459828145-6ba04b17-3d4a-4bd1-a477-9ead57b72957

A technique for selectively frequency translating optical channels in an optical network is disclosed. The expanded micro-capsules create an aesthetically pleasing surface texture in the coating while retaining the desired wear-resistant properties of the coating. The association table includes a first segment entry associated with a first video segment of a first length and a second segment entry associated with a second video segment of a second length that is longer than the first length.

1459828145-7a452f5e-fded-4443-bbea-a47af91b194b

Methods, processes, apparatus, equipment and systems are disclosed for converting carboxylic acids into esters by esterification with alcohol and a dual catalyst. The car conveys people and things upwards and downwards within a vertical conduit or hoistway supported by a cable extending to an upper pulley. The electroluminescence device is featured by the tapered side surface of a gate electrode of the thin film transistor. The bulk acoustic wave resonator includes electrodes for electrically connecting to electrical supply lines. This provides portability across different RDF stores.

1459828145-88b93d37-b216-44dc-ab26-02e0635d1ae1

A ball retrieval system includes a bag member that has a bottom wall. Perchlorate and other oxidized contaminants are reduced and removed from water with a method using a primary electron acceptor. Then, the incoming call is handled according to an input instruction. The file can be forwarded using the transceiver to a remote terminal, which can access the resource from the network address. If all of input terminals of the voltage output circuits are connected with electronic devices, the positively enabled tristate buffer of the voltage output circuits are enabled.

1459828145-a576ac95-6aa9-47e4-a53d-97a2698a893b

The present invention relates to cast polyurethane elastomers of high resilience, clarity, and attractive abrasion resistance derived from polyurethane systems comprising a customized selection of polycaprolactone polyol incorporated into the isocyanate and/or isocyanate-reactive composition. Such compounds are useful as protein tyrosine kinase inhibitors, more particularly inhibitors of c-fms kinase. The displaceable support element may be automatically engaged or disengaged from the anchoring structure as occupant and/or driving conditions change prior to actual air bag deployment. A statistical mean of the index-associated mean-variance efficient portfolios is used for evaluating a portfolio, in accordance with a specified balancing test, for statistical consistency with a specified risk objective and, additionally, for defining investment-relevant allocation ranges of portfolio weights. The columns of transistors can be grouped into a plurality of sub-arrays and only those sub-arrays having columns that will be read during a given read cycle are precharged during the read cycle.

1459828146-2c8459fc-ab7a-4d69-9797-a06462544487

One aspect relates to managing deliveries of at least one goods, items, and/or services that could be received by at least one customer, at least partially by recognizing an exemplar as corresponding to the at least one goods, items, and/or services. In particular, an inner guard that is located closer to an active area



provides desirable performance during normal operating conditions, while an outer guardring located further from the active area provides desirable performance during an ESD event. The support members can be formed or adjusted to account for the slope of the surface.

1459828146-7d3dcb16-c351-4da1-8311-068b357b3ed6

The invention relates to a method and apparatus for growing a thin film onto a substrate, in which method a substrate placed in a reaction space is subjected to alternately repeated surface reactions of at least two vapor-phase reactants for the purpose of forming a thin film. The content of the amino-acid compound as lubricant in the mixture is set to range between 0. The top coat composition has a proper degree of solubility in a developing solution. A transparent heat sink layer abuts a terminal end portion of the light delivery arrangement and terminates at the ABS.

1459828146-83e67d44-40d8-4150-9b8c-c249f2a66f32

A light amount adjustment member, which causes little deterioration of image quality by diffraction at a grain boundary between ink dots in a colored portion, can be simply produced at low production cost and high yield. The solid polymer electrolyte membrane is produced using polymer electrolyte-containing solution preparation step of dissolving a perfluorocarbonsulfonic acid resin having an ion-exchange capacity of 0. The invention increments a first counter for each of the queues with the quantum value and donates the quantum value to a share counter, when the value of the first counter exceeds the first counter maximum value. The scattering extractor pattern alone may provide greater than 50% of light on the target area, and light extracted by the specular extractor pattern alone may produce an illuminance on a selected portion of the target area that is greater than 5% of the maximum illuminance produced on the target area by the scattering extractor pattern. Each disabled element may be displayed with a visual indicator communicating that it is disabled. It is therefore possible to improve the fuel economy of the vehicle by increasing the frequency of engagement of the lockup clutch without affecting the function of the lockup clutch.

1459828146-9731e7a7-52f0-4e52-9b9b-03841e24e684

An optical fiber delivery system for delivering ultrashort optical pulses that can efficiently transmit high peak power, ultrashort optical pulses from an optical pulse source to a desired position in an optical apparatus is provided. The memory system includes a memory device, and a storage block connected to the memory device. The second pair of opposing insulating side walls comprises respective layers of insulating material formed between respective contact holes. The length of fiber is longer than the coherence length of the pump signal.

1459828146-ab336f98-1ad5-4f35-a2cb-0ea9f56ae54f

An apparatus and method for inducing a person to store telephone numbers or other contact information entered into a new voice message delivery method and system. The structural support system comprises at least two parallel and spaced apart support columns. The image capturing module is used to record an image sequence included N images. This routine may be downloaded without requiring intervention at the computer and may be downloaded only if needed by selection of an application.

1459828147-4a8d126a-ffc7-4242-b8ac-eda764b110aa

A hook element for detachably connecting two objects with one another has a first hook shank, a second hook shank, and a hook bow connecting the first and second hook shanks with one another. One such system utilizes one or more electrodes to measure an additional analyte. The consolidation may be achieved by hot pressing, HIP or any other appropriate method. Base application servlets are provided for each Diameter interface.

1459828148-552ebb54-4a88-490c-b30d-31b8cbcb47d6

It is possible to grasp the behavior of a protein in a cell by realizing a nuclear magnetic resonance imaging method having spatial resolutions on the scale of a cell, and to provide an industrial measure for developing a high-quality protein utilizing this technology. The subject consists of textual and non-textual material, and pixels of the subject are loaded into the printing device. The semi-structured data comprises structured data including structured data fields and tags, and unstructured data. The sample spots are deposited onto a MALDI target substrate using ultrasonic deposition from a nozzle.

1459828148-6e730dcf-76a3-4dbb-a4a6-0fefc50f79ef

A programmable logic device includes a signal distribution network, separate from the high-quality, low-skew clock distribution networks of the PLD, for distributing, from peripheral input/output regions of the PLD, clock-type signals. For example, when a search query is received from the user, a list of hits is generated. In some embodiments, the spike can be retracted when the system is carried in a golf bag. In the preferred embodiments the sensors are equipped with diaphragms of novel shape and employ multiple pairs of fibers, temperature sensitive components and novel compensation and status monitoring circuits.

1459828148-7b8a45ba-5978-47e4-b043-61f361821d00

A radio receiver having a plurality of features programmable by a user, the data relating to the programmable features defining a set-up configuration. For example, the cache may store content in a manner that allows a software process to map virtual memory to specific, known regions of an underlying physical memory. A sum of a depth of the second drift region, a depth of the gate dielectric, and a depth of the gate electrode may be of substantially a same value as a depth of the first drift region.

1459828148-c09316e3-9020-4629-be8b-008a275a0977

In a method of separating carbon dioxide from a gas mixture, a liquid solvent flows down an array of vertical wires with the gas mixture flowing over the liquid. The methods employ a set of thermal elements for locally controlling the temperature of the ribbon. The lens focuses acoustic waves on an acoustic imager which detects the image. The method may include: imparting a purposefully varied pretwist to the wire pair using a wire pair twist modulator; and imparting additional twist to the wire pair using a wire pair twisting device downstream of the wire pair twist modulator. The method also comprises establishing a connection between an access terminal and an access network based on the selected initial protocol set identifier. More particularly, the present invention is concerned with methoxypolyethylene glycol thioester chelate methyl esters that are useful as protectors against tissue damage by penetrating the cell membrane to remove electrons from free radical oxidants and remove heavy metals that may react with peroxides to produce the reactive hydroxyl radical, or remove  $\text{Ca}^{++}$  that may be released from organelles.

1459828148-fb1b0131-d68f-4ed2-95c2-f24d0c8dea06

The light-emitting device has a plurality of light-emitting elements that is mounted on one or more wiring patterns on a substrate. The coated article includes a substrate, a hydrophobic layer formed on the substrate. The locking member has a main portion abutting against a top surface of the cover, a latch portion extending from the main portion and latching with the retention portion of the housing, and a locking portion extending forwardly from the main portion to lock with the complementary connector for providing a mechanical connection therebetween. Unfolding the implement to a field working position disengages the lock joint by extracting the insert element from the retainer element. The method includes determining an operating position relative to the boundaries for the vibration confinement device on the vibrating member to define a determined position.

1459828149-25c6bdc8-e8f1-4966-b97c-5391ae1a58fa

Pluggable fiber optic modules having a receive printed circuit board and a transmit

printed circuit board perpendicular with an interface printed circuit board with an edge connection. The honeycomb is made from a mixture of activated kaolin and a mineral selected from the group consisting of lithium fluorhectorite, lithium hydroxyhectorite and mixtures thereof. The correction can be made automatically or manually by means of control means enabling a user to select the sub-regions to be excluded. Accordingly, a system and method in accordance with the present invention detects when an ultrasound transducer is coupling energy into a patient or into a reflecting medium such as air. The computer processor determines that the individual is in compliance with safety procedures associated with operating the apparatus and generates an enable signal. However, many of these measures are either incompatible with linear charging regimes or add cost to the adapter and/or charging system.

1459828149-2da6a044-828c-455f-81a7-14a710cd70d2

A sound processing system increases the robustness of surround sound in various playback situations. The server allows for communications with one or more terminals via an internet-type communications medium, while the drive is for controlling, monitoring and/or otherwise interacting with at least one motor, electromechanical machine, or other appropriate type of machine/process. The central portion can be constructed as a two-dimensional block in time and frequency that spans a default cell search bandwidth, a predetermined bandwidth specified by synchronization codes or other signals, or another suitable bandwidth. A resistance between the first and second vias is measured, and the extrusion is determined from a relationship with  $R_{total}$ ,  $L_v$ , and resistivities and dimensions of the interconnect and the extrusion monitor structure.

1459828149-fc0edceb-e3f2-4872-9972-ad0b609d6ff2

Electronic circuits or the parts thereof on printed circuit boards are tested by detecting infrared radiation emitted by the surface of the circuit. The apparatus includes an arcuate base portion having a central axis and a buttress extending from the base portion axially relative to the base portion. The base has a piercing post for opening a closure of the bottle.

1459828150-14ea4d74-60e7-479f-be83-e45cf7cd76e0

An ad-hoc, peer-to-peer radio system includes a series of radio terminals forming a service group, each radio terminal having a transceiver for communicating with terminals in the same service group, computer means, and memory for storing program software. In the cooling apparatus, the air conditioner external heat exchanger and the fuel cell cooling heat exchanger are partially offset from each other so that a high-temperature portion of the air conditioner external heat exchanger is not overlapped with the fuel cell cooling heat exchanger in a front view taken from a front side of the vehicle. Each of the write powers, allocated to the respective pulses of the recording pulse pattern, is linearly varied in proportion with a change of one of the recording linear velocity and a recording position of the storage medium. Instead of an arithmetic modulo operation that is implemented in the transmitter, the invention defines a Discrete Modulo Operation that performs the function of limiting the amplitude of the transmitted signal.

1459828150-30fffc124-0fd5-4994-a06f-721a50fd613a

A hospital bed including a frame, head and foot supports, and a deck coupled to the frame. The system will be able to select an appropriate wiring pattern so that signals meet their performance requirements. With this capability, for example, the tuning and biasing of stages within a multi-stage amplifier within a CMOS PA can be measured during factory test and adjusted by setting one or more bits in the OTP memories, as desired. The evacuation system further includes a package carrier including a pinch-off area that moves product out of an unrecoverable portion of the product package. The mold cavity is filled with a molten metal, which solidifies after filling to form a casting. An interface device is responsive to the button control signals and is operative to provide device control signals via a

wired connection to an electronic display device.

1459828150-aae2bc34-cd1c-4afa-9ee6-15b7a50010d7

A user interface provides historical and hierarchical search and navigation modes through previously selected and hierarchically linked multimedia applications, documents and directories. The camera can detect an external signal; determine that the external signal indicates a restriction in recording; and based on the restriction, either disable recording or record an image or a video with a region of the image obfuscated. As an image is being generated, some but not all z-pyramid values are written from the graphics system into memory that can be quickly accessed by the host processor. Gas supplied through a rear end 21 of the cylindrical member 20 is introduced into the chambers 11 through 14 through openings 22, 23 and a front end 24 of the cylindrical member 20. In addition, the thermal coefficient of expansion of the glass fiber epoxy composite material comprising the planar substrate can be closely matched to the TCE of the electrical contact material. On the occasion of a re-seek start in the error recovery process, the HDD conducts a fall check referring to the detection result data.

1459828151-5ffa59f2-bdd0-40d2-83d2-93a4bceed5df

A system, method, and apparatus for facilitating high-speed access to data files stored at a digital cellular switch is provided. The absorbent articles include a plasto-elastic material joined to or disposed on at least one of component of the absorbent article to impart sizing or shaping capabilities to the article. Methods of adjusting the length of a golf club shaft without damaging any portion of the shaft and variable length shaft kits are also disclosed herein. The mobile switching system routes the user communications between the antenna systems and network communication systems. The second winning combination of symbols is displayed and the player is provided with the second award.

1459828151-cd5d5226-3ac4-4837-aa61-2120c371a475

An integrated circuit structure includes a memory. The brief includes a back section having a pair of ears, each having a single fastening tape mounted thereon, and a front section having a pair of ears for releasable securement by the fastening tapes of the front section. The display device is disposed at a side of the frame for zooming information displayed on the screen.

1459828152-0e9fa129-2bda-464d-b2b0-123cb75d65ad

An absorbent composite that can handle complex fluids and maintain high absorbent capacity under high loads even after the material has been subjected to rigorous processing conditions. The outer tube has an upper receiving space and a lower receiving space. In a preferred embodiment, the device of the present invention is a pipette tip having dual channels, one for inlet of sample and one for outlet. Coupled to the base and depending downwardly therefrom is a leg for supporting the base at an angle. The first and third data are hashed with an encryption algorithm defined hash algorithm using said encryption algorithm and based on Merkle's meta-method for hashing.

1459828152-604b9c19-ae95-4465-9628-ce9aff513811

A method of programming a tire pressure monitoring device includes the step of forming a physical interface between a tire pressure monitoring device and a programming device. The second zone is in thermal communication with a first sensor and comprises a reformer, while the third zone is in thermal communication with a second sensor and comprises a fuel cell stack. A signal is generated that is representative of a difference between the desired current flow and an actual current flow through the electrical component. The decoded signal is spatially scaled up through a high-resolution procedure with reference to the input video signal so that the decoded signal has a smaller error with respect to the input video signal, to obtain a high-resolution scaled-up video signal. A mechanism, partially disposed in the cavities, is included for effectively discharging a

volume of fluid through the scrubbing assemblies towards the boat hull. The disclosed electrode structures can be configured for use as analyte sensors.

1459828153-70243f60-b131-44df-8e16-1e8c2fe63f46

An imager in which two adjacent pixels share row and reset lines and a row selection circuitry while the output transistors of the two pixels are configured as a differential amplifier. Spot movement circuitry effects a movement of the spot, from which the radiation is detected, to various positions. The rotor is capable of moving relative to the stator.

1459828154-f8e2e69d-5dbc-49b6-8c82-9ccb3df51aa0

At least one exemplary embodiment is directed to a website configured to collect sound signatures from around the world and beyond. A desired electromagnetic flux skin depth for heating the material within the crucible may be selected, and a frequency of an alternating current for energizing the inductor and for producing the desired skin depth may be selected. In specific embodiments, the invention provides methods for inducing and stabilizing nitrile hydratase activity, amidase activity, and asparaginase I activity. The pulley base is fixed with a pulley rod having its pulley fitted in the rail groove of a sliding rail, enabling the window curtain to be assembled, shrunk or expanded. The storage pocket and its contents are concealed when the backrest is lowered and are accessible when the backrest is inclined.

1459828155-3f2d5fc0-b368-427b-b318-f6f37b9f853c

A vehicle locating system includes a first transmitter within the vehicle, the first transmitter is configured to transmit a location signal; and a key fob including: a receiver, a direction indicator, and wherein the direction indicator is configured to point towards the first transmitter in response to receipt of the location signal by the receiver. The operation of the circuit is simulated using a first set of values for the process parameters for the devices and is also simulated with some of the process parameter values varied. The substance supply container in an operative state in relationship to the base delivers a supply of a substance therein in liquid form to the operating components on the base to be vaporized thereby.

1459828155-59dad740-c05d-488a-b3df-94d6c20dabf3

The invention described herein relates to a filter system for sterilization containers which secures a gas permeable filter onto a vented portion of the container. When a patient wearing the garment assumes an undesirable position, the switches are activated and the indicator produces an audible, visual or other prompt to remind the patient to change position. Such absorber-activator combinations are capable of rapidly reducing the oxygen in a closed package. The electrical connector also includes an impedance-control assembly having a plurality of dielectric bodies supported by the connector body. A connector assembly is coupled to the housing and is coupled by an optical fiber is the sensing element.

1459828155-874b92be-036e-40ab-bc87-bbd54a2829d2

A shawl including a sheet of fabric having an inner surface and an outer surface defined by a top edge, a bottom edge, a right side edge and a left side edge. Several recordations of an image of an object are made sequentially with an electronic camera and, between recordations, the image of the object and the electronic camera are shifted relative to each other. The starting method comprises the steps of first connecting at least one, but less than all, of a plurality of windings to a respective phase-shifted supply voltage at a controlled point in the supply phase. At least that interface region of the floating gate electrode, which is opposite to the substrate, is made of n-type Si or metal-based conductive material. A platen member interposes each belt and is placed between the pairs of rollers.

1459828156-14a4cc24-2390-490a-b8b0-d95539eceeaa7

Some embodiments of the present disclosure relate to a method that achieves a substantially uniform pattern of discrete storage elements comprising a substantially equal size within a memory cell. The present invention imparts a process by which merchants and other service providers can access a verifying agreement indicating a user's intent to submit biometric data as a substitute for a written signature and the user's consent to abide by the terms and conditions of any agreements entered into by the submission of biometric data. Each valve actuator subsystem has a valve actuator and a switch configured to selectively control application of voltage to the valve actuator to thereby selectively control energization of the valve actuator. The second channels are interdigitated with the first channels. Points along the control curve correspond to a value of the electrical parameters and the ablation zone control module triggers a signal when a predetermined threshold value of the electrical parameter is measured corresponding to the radius of the ablation zone.

1459828156-470408f6-4629-4e62-a05d-750f5dacd5de

The invention provides a system that controls the air intake pressure of a venturi mixer in an air/fuel ratio control system for gaseous fueled engines to match the fuel vaporizer/regulator output pressure or to a desired set point of a fuel vaporizer/regulator connected to the fuel inlet of the venturi mixer. The first electrode and the second electrode include ferromagnetic layers. The display interface can be positioned on the mounting interface and adjusted to achieve a desired viewing angle of flat panel display. In order to permit a reliable hot start of the engine with a simultaneously low strain on the components, the leakage line is provided with a valve device which has a shutoff function and a pressure relief function that are connected in parallel with each other. The polymers are orally administered, and are useful for the treatment of hyperphosphatemia. Events are abstracted into a set data-type.

1459828157-809e93ed-229a-47bb-962a-ae0dd3be068e

A container that has a base from which first and second pairs of spaced-apart, opposed sidewalls project to collectively form a storage compartment. The plastic surface is subjected to an etching treatment under mild etching conditions. The developer storage pouch is deformed to discharge the developer by peeling the seal off the shell to permit air to enter the shell through the air passage. The equipment controller converts the data packets into equipment data corresponding to the equipment port, and transmits the equipment data to the equipment port. A releasable connector connects the axial seal to the closure and a retrieval tool attachment releases the axial seal from the closure upon application of a predetermined release force by a retrieval tool. The polyol can be used to produce polyurethanes having improved properties.

1459828157-d4782eaa-65dd-483d-ad48-80723b403bff

A method and system for providing computer-generated output and in particular graphical output. Several different but similar embodiments are disclosed. The perimeter heat seal includes at least an insertion end heat seal, a funnel end heat seal, and a pair of side heat seals which extend along each side of the package from the insertion end heat seal to the funnel end heat seal. The anchoring base is provided with a resilient washer, such that a resilient force can be employed to adjust loading of each graphite electrode pillar in an axial direction. This invention relates to the maize variety X08C942, the seed, the plant produced from the seed, and variants, mutants, and minor modifications of maize variety X08C942.

1459828158-15ec2e03-e7ba-4ff6-bd66-87639351ec92

A hollow golf club head includes a face portion made of metal, a sole portion, a side portion, a crown portion, and a hosel portion. In order that the product shape after discharge is capable of being ball-shaped the receptacle into which the product is discharged is located to provide resisted discharge of product over at

least part of the discharge cycle. Further, the system may be configured to transmit radio frequency signals along a length of the exhaust conduit. In the scheme, estimate-related specifications of the job quote file are entered into a comparison engine. When the semi-maximization instruction receiving part receives the instructions for semi-maximizing the window, the controller allows the window to be enlarged and displayed in the entire area of the display region determined by the display region determination part from the plurality of display regions.

1459828158-3c082c40-11c2-42b4-9389-209d1123332b

Compact haptic interface includes a base and a yoke rotatably disposed within the base. Also disclosed is a method for quenching a heated metal part, which process comprises immersing said metal part in the quenching medium. The vessel also has two one-part shield segments, each affixed to at least to one of two stiffening rings. The transfer line is constructed so that gases produced during the burning of the RDC do not escape and pose a threat to the surroundings during functioning and so moisture does not enter the system during shelflife, transportation, or at any other time prior to functioning.

1459828158-3ff38c93-759e-45de-87c5-4d5d1d68a6aa

A method for processing a financial transaction such as an electronic bill payment is provided. The lubrication oil way of the engine includes a crankshaft chamber B, a camshaft chamber C, an upper rocker arm chamber D and a condensation chamber E. Such measurements can identify variations in material properties between different regions in a single semiconductor wafer of the type used in fabrication of integrated circuit dice, or even between multiple such wafers.

1459828158-468fa6d7-2346-451d-892f-cabc08873151

Two spaced bodily tissues are approximated with a surgical tensioning device comprising a resilient member and a pressure locking device. The passive filter and the electrostatic discharge protection circuit are formed on a substrate. As a phase transition through the beginning of a phase cycle is detected from the first phase accumulator, a first phase offset word and a second phase offset word for the first and second phase accumulators are calculated and loaded into the first and second DDS circuits. The test circuit further includes a first switch for switching ON/OFF a power supply to the MOSFET device to and a second switch connected between a drain and source terminal of the MOSFET.

1459828158-d7d38977-2459-4d0c-95e4-7f695584e5f2

A layout determination method is provided in which, if arrangement information of areas laid out on a predetermined page satisfies a condition set for the predetermined page, a distance between objects arranged on a page different from the predetermined page is changed and a relay layout process is carried out. Structure at the ends of the live slip engage within corresponding grooves of the slip recess. Then, transmit weights to be applied to transmission signals are determined in accordance with the feedback signal.

1459828159-446840b1-f81a-4c94-8590-759f21ac4400

Disclosed is an ultra slimmed LCD capable of being applied to a hand-held terminal such as a cellular phone. First ) and second ) current paths are arranged on the first and second planar sections. In such a simple structure, the linearly polarized wave and the circularly polarized wave are all received to be processed. Mapping may be static and determined at processor design, programmable, with data stored and amendable, or conditional and dynamic, the interrupt logic executing an algorithm sensitive to variables to determine the mapping. These methods may also be combined in any way. The core layer is more rigid than the top and bottom layers.

1459828159-5ca4fd5b-17d3-4852-9cca-04db708d24e1

Embodiments of golf clubs with grooves and methods of manufacturing thereof are

described herein. This leakage detection protective circuit includes a rectification circuit, a current-limiting resistance, a controlled silicon rectifier, a power supply main circuit switch linked with a reset button and a tripping coil with a built-in iron core. A material extension of the package cover 450 is simultaneously folded under the package base to supply force maintenance for permanent hermeticity. Among the pacing parameters which may be selected in this way are the atrio-ventricular delay interval used in atrial-tracking and AV sequential pacing modes and the biventricular offset interval.

1459828159-653c0f9f-5fe0-412a-ba5c-63bed8a94c65

An FPGA is described using optical waveguides for routing signals through the FPGA. The refining of the vitrifiable materials after melting comprises at least one step of subjecting them to subatmospheric pressure while centrifuging. The movable portion is configured to rotate relative to the base portion via the first hinge between a concealing position and an exposing position. The first solder joints are disposed between the first pads and the leads. Measurement light from the light source apparatus is inputted from a side surface, refracted and reflected at the side surface of each depression, and then outputted from the opening of each depression.

1459828160-1d2c5b24-b479-4143-8dd6-0be18b1c2c37

A mount is fixed to the floor of a vehicle, and supports a computerdisplay unit by means of an indexing cylinder assembly. Carbonate ion and nitrate ion are concurrently reduced to deposit carbon nitride films on the substrate. The inductive device may be a transformer with two or more windings, a choke coil with only one winding, or other inductive device. The system 20 is formed as a combination of a hydraulic ram traverse system 22 providing both pull back and pull down force; and a winch pull back system 24 providing pull back only. The communication port provides a cellular link to an Internet service provider for two-way electronic message transfers by the personal digital assistant.

1459828160-685ad280-5a4a-4197-aa fb-ade f74ae9cb4

A communication system including a bus, interconnecting first and third party surgical devices, and a touchscreen, operated with the bus and displaying replicas control interfaces of the first and third party surgical devices, and facilitating remote control of the first and third party surgical devices during a surgical procedure. If the job profile is selected through the UI, the driver unit controls the image forming apparatus to perform a job by applying the job option information corresponding to the selected job profile. The shafts 212, 213, 214 and 215 may be freely extended into a locked fully extended position 201 and released via depression of a first engaging projection 239.

1459828160-be0231c1-4de0-49c5-9128-5a2bed47b7c3

A method for providing and reading micro-discrete indicia on a gemstone using near-field optics. A supply channel for the gas mixture opens into the combustion chamber. \u201cCloseness\u201d can be evaluated using a similarity function chosen to suit the domain and/or application.

1459828160-e8d4d19c-c49f-43d8-b0a0-96e3d75aef75

A method and system for routing a communication through an alternate carrier. The present invention has great applicability in military optical system applications for detecting the presence of an enemy employing surveillance equipment and for neutralizing this surveillance capability. An other object of the present invention lies in the uses of such products in any sector making use of mineral materials, and notably in the paper, paint and plastic industries.

1459828160-ef9c8983-da5d-4238-a811-8a6c83b32a1e

A positioning system is provided having a first signal source for originating synchronous signals, and a second signal source for originating a signal which is



not synchronous with the signal from the first signal source. The fusible conductor is fused off to break a current path when the abnormal voltage is applied to the equipment. A second semiconductor component substrate, such as a carrier substrate with interconnect elements such as terminal pads, is adhered to the first semiconductor component substrate, forming a semiconductor package assembly having interconnect voids between the corresponding interconnect elements. However, as soon as the scooping motion is completed by clearing of the spoon bowl from the food, the bowl portion is unclutched from the handle portion and becomes freely pivotal like a pendulum so as to remain level from side to side irrespective of rotation of the handle portion as a user moves the loaded spoon to the user's mouth. The reinforcing fabric has first and second spaced end portions with a first free end at the first end portion and a second free end at the second end portion.

1459828161-21cf45fc-d1dc-4ca1-85b7-cf9ea301e0ed

Embodiments of a proxy internet group management protocol client and methods for providing multicast broadcast services in a broadband wireless access network are generally described herein. The trailing arm includes a chassis mounting feature, an axle mounting feature, and an arm portion intermediate the chassis mounting feature and the axle mounting feature. The steam is passed through a generator, which supplies mechanical or electrical power to an appropriate drive system of the vehicle. The radiation energy is increased and/or decreased.

1459828161-2ef704eb-4a46-4c1c-b849-70dd7dcb2b23

Provided is a method of forming patterns of a semiconductor device, whereby patterns having various widths can be simultaneously formed, and pattern density can be doubled by a double patterning process in a portion of the semiconductor device. Another exemplary method includes calling for delivery of electrical energy to cells destined for implantation in the body or cells already implanted in the body. The CPU 101 calculates an average value of these resonant frequencies and applies a drive command to mirror drivers 1022 of the exposure units 6Y, 6M, 6C, 6K such as to drive all the deflectors into oscillations at the average value. Each lift beam attaches to the flexible structure at one of a plurality of designated jack points, and lifts the flexible structure off the ground when the upward force is imparted by the lifting mechanisms. In particular, the present invention provides a device and methods for the simultaneous detection of hemoglobin and transferrin in fecal samples, which permit a more sensitive diagnosis of occult blood in fecal sample and a differential diagnosis of bleeding of the upper GI tract versus the lower GI tract.

1459828161-70c4e55d-3ad4-4431-a9cf-2954cd6d85c7

A resonator includes a hollow dielectric element having a hole therein, a helical line unit including a plurality of helical lines formed in the hole, and a ground electrode formed on an outer surface of the dielectric element. or higher and lower than about 120 C. The drilling fluid attenuation coefficient may be determined via processing amplitudes of the predetermined wellbore reflection coefficients. Congestion pricing via online auctions can be employed to coordinate the use of system resources by clients, so clients can detect shortages and adapt their resource usage. The switch routes the status information of the different non-selected computers to the central unit of the selected computer. The control circuit compares ground fault current of either polarity flowing through the sense resistor to a prescribed value.

1459828161-cac03516-8431-4c29-aed7-88f9dc2b4845

In one embodiment, the present invention includes a multicore processor with a power controller to control a frequency at which the processor operates. In one embodiment, the invention comprises blocks shaped to resemble musical symbols used to compose music, including time signatures, notes, rests, and dots. The devices can include a programmably adjustable index and/or speed profile for the pusher assembly. Using the corrected parameters, third positions indicating the positions

of the indices on the captured image are calculated.

1459828161-cde64df2-b051-43cd-9de9-216ac6fdbf4a

In the present invention, in a pre-recorded information recording region on an optical disk capable of recording in both a land and a groove, a first address region is displaced off a second address region along the length of the track. A first stage of the combined machine is equipped with an intake for the two-phase fluid, in which the two-phase fluid is sucked, pumped and partially separated into two distinct phases. The lid and the substrate are placed together in substantial alignment such that the pre-tinned low melting solder band of the lid contacts the metal stack of the substrate and thermally sealed in a controlled atmosphere.

1459828162-87d4d274-c983-4f84-bb08-37dc40429687

A transistor drive circuit uses multi-stage slew rate control to drive one or more switching transistors. The method comprises: searching for said framing data block from a received multiplex signal; demultiplexing said one or more data units according to the information in said framing data block; generating one or more demultiplexed signals from said demultiplexed data units, and forwarding said demultiplexed signals for decoding. Formed upon opposed sides, of the substrate are layers of thermally conductive compositions, which preferably comprise certain novel graphitic allotrope compounds. A sublithographic aperture is formed through the bottom of the non-sublithographic via and extends to a buried conductive material.

1459828162-9e442add-9fbe-44a8-9ac0-b1e20cf3f9f7

A catheter assembly and method includes a multi-lumen portion having a guide wire lumen and an inflation/ deployment lumen. Images of different sensitivities are formed from the same scene to be observed. The integration rod is disposed in the sheath, and the sheath is disposed between the frame and the inner wall. One of the functions includes a navigational component. To display one pixel, in the light extracting portion and a plurality of other light extracting portions, the incident light is selectively taken by being switched between two directions of the transmission light and the total reflection light, thereby enabling the gradation display by area gradation to be performed.

1459828162-fa2392f1-74d9-4693-9f39-54f11749bde4

A method for storing a plurality of still images to form a panoramic image. The application protection method generates a key needed to execute the application which is provided to a user terminal using information on the user terminal, information on the application, and a part of text; and transmits the generated key to the user terminal. The switch is configured to such that when in a state associated with causing, or potentially causing, NBTI damage, both of the second pair of p-type transistors are in an OFF state for preventing NBTI damage thereto. The outer layer is made from material which is cut resistant thereby preventing the user's hand from being cut or punctured and also preventing the heat resistant layer from being damaged.

1459828163-136a8c6a-de48-4eac-aa38-2ce2c1795431

A defective position of a sample to be tested is detected by irradiating the test sample and another test sample with electron beam while scanning the test samples, storing values of current generated in the test samples correspondingly to electron beam irradiation positions as current waveforms and comparing the current waveforms. A subsequent active area level STI scheme, in conjunction with front gate formation over the semiconductor layer, is also disclosed. A plurality of the processing nodes are combined into a plurality of sub-networks that comprise the network apparatus. Debinding and sintering are performed in a same furnace, and a temperature T of the base does not fall below TE<sub>1</sub> during debinding and sintering. In this case, Ogako means sawdust or tipped small particles of wood which is raw material in order to produce a woody pellet fuel.

1459828163-1e3de5e2-bf2d-449a-828c-f221758dfc30

A foil strain gage is attached to a strained section for outputting a resistance change proportional to a strain generated at the strained section. The method includes the following steps. The switching mechanism for each rail is capable of driving the rail at the function-generated waveform or switching to an external source waveform. Applications included solar energy harvesting and heat signature detectors. The cloth strands can be used for cleaning dust or other accumulated dirt or a disposable cleaning sheet can be wrapped around the cleaning strands and retained in position over the strands and the base member by resilient biased members integrally molded from the top wall.

1459828163-57ead079-687e-436e-9b78-4016d58ad4f0

There is provided an internal intermediate pressure multistage compression type rotary compressor capable of reducing a height dimension while reducing the amount of oil to be discharged outside. The standby signal generating circuit generates a first standby signal and a second standby signal in response to an active signal, a clock enable signal, a first column address strobe latency signal, and a second CAS latency signal. The physical gateway and the sophisticated gateway are connected via a second connection of a second non-IP physical data transfer standard. The particles generally exhibit a packed powder specific resistivity of 105 ohm-cm or less and generally have a mean diameter of 0. An insulating plate with openings into which spring contact elements are introduced is provided on the housing trough which opens upwards. The guide track has an upper track and a lower track.

1459828163-d5fa56c1-9edf-4617-b43f-3e8bd56b25d2

The thickness of a thin film can be measured based on the X-ray diffraction method. The stator iron core includes a yoke, teeth, and U-shaped grooves. The handles or arms pivot together with and in the same back or forth direction as the pedals to which they are interlinked. Tight control of the exposure of the pixel structure to the electromagnetic radiation allows the pixel structure to operate optimally in order to provide an optimal captured image.

1459828164-33bfd680-e04e-4598-8b81-583a36da1a4b

A method and system for processing graphics data in a computer system are disclosed. The elbow connector is implemented by encapsulating the one cable end with thermoplastic material and including a metal sleeve which is placed in contact with the outer cable conductor to define an outer conductor of the elbow connector. First to third gate output enable signals are applied to the gate driver.

1459828164-6127f585-849d-41f1-95cc-ab6293c5a689

A first insulating layer is formed on a suspension body. A supercritical water oxidation, water purifier may generally include water and oxidizer pumping and mixing apparatus, a supercritical water reactor, and a system for separating the resultant purified water from other relatively harmless outputs of the supercritical water reactor. A digital delay line is arranged as a plurality of cascaded sub-delay lines each sub-delay line providing one of a plurality of delay quanta in response to the digital delay line control signal. The packet sink then forwards the data to a monitor, the information content depending on the level of traffic in the network.

1459828164-dd839724-10ff-4290-95cc-d2fc88e40236

An optical disc apparatus capable of improving an overwrite performance for performing an overwrite operation on a re-writable type optical disc. The PLL charge pump includes a constant current source that generates constant current source references with high power supply rejection for the P- and N-channel devices of the charge pump. Desirably said compatabilizer is an epoxy functionalized natural rubber. The level of activity may be monitored by observing the input and output pin of the logic blocks.

1459828165-44784622-47f6-4a89-b19c-095e7df242d1

This invention includes a circuit for the prevention of acoustic feedback between an electronic device and an audio accessory. In general, the system comprises a fluid source comprising a pressurized fluid; at least one programmable sprinkler head fluidly connected to the fluid source; and a computer system configured to control the sprinkler head to precisely deliver fluid according to a pre-determined sprinkler function. The 103 gene is disclosed herein to be differentially expressed in TH2 cells and not in TH1 cells. In one approach, the anti-arcing circuit includes two different paths and components associated with a detection mode and operational mode respectively. The processor is configured to run a process that maps network switching functions of each of a plurality of virtual machines to the hardware network interface device. A prank call signal unique global identifier combination triggers the prank call server to store all available call data for a referenced prank 911 call in to a prank call database, for subsequent prank call filtering analysis.

1459828165-a6dd677a-4263-4ad9-9f2a-14eb5dfe249e

A seat assembly for a personal watercraft, comprises a seat portion. The inlet section may have a relatively small cross-sectional area that promotes mixed phase flow of liquid and vapor refrigerant. The sub-frame has a part having a substantially V-shaped configuration in a side view. As a result, light beams can strike a biological body in a near-perpendicular angle. This tantalum powder has a large specific surface area, and when the tantalum powder is used as an anode of a solid electrolyte capacitor, a solid electrolyte capacitor having a large capacitance and a low leakage current can be obtained. The passband carrier frequency is adjusted to define the guardband and the guardband corresponds to a first notch in a channel response of a first communications channel.

1459828165-ecc450bf-2dfc-4bd3-98ed-ce4798c848f7

The invention relates to a device for representing surface colors for simulating print results through a screen, comprising at least one light source and a projection surface. The second circuit has functions of saving the data retained in the first circuit in the first period and retaining the data saved from the first circuit in a second period during which application of the power supply voltage is stopped. Each of the multiple software components is configured to perform a single and complete function. An insulation distance between the metal lead and the metal base is at least 0.

1459828165-ef13d22b-b7df-481d-8935-aa8d640b5f65

The present invention provides for crystalline cPLA2. The outer bracket comprises a pair of outer plates projecting in a lateral direction with respect to a cylinder axis. The altered configuration information helps assure that the storage device will be recognized as a foreign device in any storage subsystem into which it is subsequently inserted. The arrangement results in a fluid-tight and electrically conductive connection of the pipes.

1459828166-30edfd53-c588-454b-ac55-054fa8d88779

A sample rate converter suitable for use in an audio DAC includes a first estimating circuit generating first and second signals synchronized to an asynchronous clock and representing the period and edge arrival times, respectively, of a reference clock. Using high lateral spatial resolution, energy is deposited in the multilayer coating in the vicinity of the defect. The retainer has lifters that project into the guide-receiving spaces, so as the guides move rearwardly along the spaces they lift the lifters which lift the latch to facilitate rearward movement of the fiber block during mating of the connector and connector device. The pathway switching mechanism includes a pair of upstream-side gate members and a gate member pivoting unit.

1459828166-407215cf-3a22-4dd4-be69-ddc5f271e5cd

A video data communication system and method are disclosed which provides for the secure transmission of video data among devices connected to a video data bus. The wheel is fixed with, for example, wheel bolts to a wheel hub, pivoting on the axle stub of the axle tube, and the axle stub is clamped on to an end section of the axle tube as a separate component. Data signal channels are paired with a reference channel between each two adjacent data channels. The language used for the labels is selectable by a user via a menu, and the corresponding entries in the database are used in building the representations. The invention communicates a \u201cclean sweep\u201d metaphor, i.

1459828166-f6613fdb-45df-4461-b303-0c6ee2b76649

In an embodiment, a method is provided for communicating a medical prescription with a mobile processing system. Each attribute is associated with a set of patterns. Also, after a predetermined amount of time, the controller may stop operation of the motor if an article is not inserted into the throat.

1459828167-01f60960-4b8f-4036-8add-7869fa2f567a

Certain exemplary embodiments comprise a system that comprises an application specific integrated circuit configured to provide an output signal. This may include obtaining and storing a unique onboard signature and/or physical characteristics from entering vehicles or mobile entities for matching with the identity information obtained from exiting vehicles or mobile entities. The truck bed is effectively widened as the sidewalls are laterally positioned in weight bearing relation by abutment members which depend from the sidewalls. The GUI includes a user interface tool for dividing the timeline into segments. The image processor is further configured to identify a number of clusters in the vectors of the image data in the three-dimensional mesh. Thermal isolation is provided between the housings and the flowcell body, and air circulation further reduces temperature and condensation within the housings.

1459828167-ce2faa12-611f-4fd8-be41-6e92f1999095

Systems and methods for virtualizing network intrusion detection system functions based on each packet's source and/or destination host computer operating system type and characteristics are described. The connector comprises a housing and an actuator. a destination e-mail address, in accordance with an assignment relationship between characters and numerical keys. Optionally, a divided wall column fractionator can be used to allow a single separation stage to handle the effluent from both the hydroprocessing and the dewaxing stages. A closed-loop control operation of the optical head is performed according to the light intensity addition signal after the light intensity addition signal up-crosses a threshold. Exemplary content segment types include text, line art, and images.

1459828168-0f7cc13c-84a8-4910-97d0-af4062ffefac

A stator iron core of an electric motor including plural magnetic pole segments connected and confronted by plural confronting surfaces. In one embodiment, a source identifier is assigned to each instruction in an original control flow graph representing a program code prior to optimization. The first track, which is formed of portions that are keyed to the frame, defines a nonlinear cross section.

1459828168-14afc86c-0a15-4f98-94e0-1130a4d8a49d

The invention discloses a method for attaching solder members to a substrate. The gas holes pass through the pedestal and provide channels for gas to reach the semiconductor wafer. The hoop conduit carries water from the main water line when the valve is actuated and is movable from a first position flat under the seat to a second position below the seat opening. The mirror and the imaging device are oriented such that the mirror and imaging device are in the same plane, an optical axis of the imaging device is substantially perpendicular to an axis of rotation of the rotatable platform, and an axis of rotation of the mirror is substantially

parallel to the axis of rotation of the rotatable platform when the mirror is in an initial position. The second is a more complex and accurate model that models cell dynamics in discrete-time state-space form. Some embodiments of the assistant are also capable of improved performance over time by both automatic and manual feedback.

1459828168-b3b1be4f-9820-4856-87e5-99a95ad4dab3

An electric-motor-equipped vehicle of the present invention includes an electric motor which receives a power supply from a storage apparatus and drives the vehicle, or assists a driving of the vehicle by an internal combustion engine. For each of the plurality of step voltages, different digital values are allocated to different steps of the step voltage. The light is totally reflected at those reflection faces which are not immersed in the liquid but refracted into the liquid at immersed reflection faces. In other embodiments indicia are provided as quick response codes, and as various markings to indicate compatibility of the medical device with ethanol. The floating gate transistor provides a dense and planar dynamic electrically alterable and programmable read only memory cell adapted for uses such as for a dynamic random access memory or a dynamically refreshed flash EEPROM memory. The alternative clevis arrangement is inherently balanced and can meter fuel through multiple nozzle orifices simultaneously.

1459828168-d08951d5-d16b-4934-9a49-29f8b4afd7a7

In the present invention, for each set of blocks # to # storing update data, a history block # storing an update state value, for example, a generation, time or check code, showing an update state is provided, constituting a set of management data as a check object. An opening structure is disposed on the casing. Furthermore, the present invention relates to a pharmaceutical composition for oral use with improved absorption, which comprises a biologically active peptide and aminoalkyl methacrylate copolymer E. A carrying handle and straps are used for ease of transportation while providing a large water-resistant storage compartment along an external surface for storage of sunscreen, food, books, refreshments, and the like. These partial accumulations are in turn added together, or accumulated, to form the total accumulation over the desired time period. If input information is in natural language, the linguistic knowledge base is used to analyze the input natural language information.

1459828168-f7d3c4ac-0fce-432e-ab71-0299a6278e5a

A turbo decoder system utilizing a MAP decoding algorithm has a predetermined number of turbo decoder modules for decoding segments of a turbo code component code word in parallel, thereby expanding the block-length and data rate capability of the turbo decoder. The clock signal operates as a set signal of the next stage flip-flop and outputted as a control signal for carrying out pre-charging of a data signal line and a selected pixel connected to the data signal line, with a switch. The quadrupoles are mounted symmetrically to a center plane so as to permit excitation along a linear axis. Afterwards, at least one alarm message is generated in response to detecting the anomalous activity in accordance with at least one predefined long-term security data mining program.

1459828169-636de49f-cc54-4acf-b647-fec0914527f8

The present invention relates to a semiconductor device and its manufacturing method. Subsequently, the delineation trench or open area may be etched down to the respective etch stop layer in a further common etch process, during which a trench is formed above the via opening. The free fall is identified by detecting the ambient pressure. The distortion generator may also include a temperature compensation circuit to ensure consistent operation throughout a wide temperature range.

1459828169-ab6e4c6e-82d2-455f-938d-53c9278a5a25

A zero pressure electromagnetic server mainly includes an electromagnetic

controlling valve stem. Upon first encountering a given portion of program code, only the target code necessary to execute that portion of program code under a prevailing set of entry conditions is initially generated and stored. Such features include rendering selectable diagnostic information on a system component navigation view. After a delay time following a transition of the input signal, the circuit operation of the post-push-pull driver is turned off before the amplitude of the output signal reaches its maximum overshooting. In addition, the actuatable element and the sidewalls may be so shaped as to maintain a generally constant width between them. The method can include detecting IEDs by sensing the presence of a non-linear electronic component of an IED.

1459828169-d1db9cae-b8b5-469e-b500-a21e07e42624

Methods and systems are described for processing a request for a resource in a communication. The sub-view video stream includes metadata arranged in each GOP. The partially assembled compensator is then assembled while immersed in the fluid and under a vacuum for a second time period. The system establishes, at predetermined transceiver power levels, a mutual electro-magnetic coupling which is selective exclusively for a single transponder located in a defined transponder operating region. The OTFT of the present invention shows low threshold and driving voltages, high charge mobility, and high Ion/Ioff, and it can be prepared by a wet process.

1459828170-0092f5ba-679a-4d69-8f96-bd5738913fee

A seismic data acquisition module includes a motherboard that is environmentally protected as a independent unit by an integral sheath, envelope or encapsulating cover. The tissue support device engages the tissue proximate an opening in the tissue and biases the tissue support device to bring the engaged tissue together. The excitation wire 7 is wound around the first, second, third, seventh, eighth, and ninth teeth 2 in a concentrated fashion to generate an identical polarity and wound around the fourth, fifth, sixth, tenth, eleventh, and twelfth teeth 2 in a concentrated fashion to generate a polarity which is reverse to the formerly mentioned polarity.

1459828170-1f8adc2b-88ce-4972-bc71-a0be1ed7c5fa

A dryer for a refrigerant circuit of a refrigerator includes a housing with a first and a second passage orifice. The top layer is etched to provide a contour in the top layer while leaving the lower layer unchanged. Furthermore, the main piston has a small end portion which together with the housing define a second cylinder space and whereby fluid at increased pressure can be moved out of the housing via a high-pressure fluid outlet when the third cylinder space is supplied with compressed air. A part of the transparent dielectric layer is formed between the contact electrode and the pad electrode.

1459828170-bb05109d-91ac-432e-845a-d22ac31cfc8f

Disclosed herein is an electronically controlled valve. Also disclosed are nucleic acid sequences encoding the oxygenase enzymes. Before detection of the external start signal, the new measuring section is shifted to a pause state and after the detection of the external start signal, transition to a measurement state is made. The surface profile is corrected based on the field- and orientation-dependent errors.

1459828170-ce0d5940-9984-428f-b601-59a9d18ecf8e

The present invention provides a semiconductor device and a method of manufacturing a semiconductor device in which a driving force can be increased by increasing a strain amount given by a stressed film in a MOS transistor including an elevated region. Consistent link sharing includes receiving a request from a user to store a web page that resides on an originating server to one or more share servers. The invention also includes expression constructs used in the method. The first functional resin sub layer and the second functional resin sub layer serve as

retardation layers with different optical axes from each other. Network nodes are scanned to obtain a network node information record including a unique identification from each network node.

1459828171-09dd0db8-6924-4f7a-b358-bf64cbe5337d

An identifier of a mobile device may be accessed. Each of the at least two simultaneous streams is generated from a corresponding source. The RFID transceiver device includes at least one sensor coupled to the microcontroller. Each player interface has a rabbit button.

1459828171-4695da3d-60b0-4948-b0d6-9c8582fa519d

A method for determining affective information for at least one image in an imaging system includes displaying a digital image for viewing by a user; monitoring the facial expression of the user as the user views the digital image; and using the facial expression of the user to determine affective information for the digital image. The semiconductor device includes lateral and upper hydrogen blocking patterns disposed to prevent hydrogen from diffusing into the cell array region. Feeder track may be extended for use in active sports drills or sport games, or folded or retracted for convenient storage of the apparatus when not in use. The rotor has a passage groove for connecting two or more of the ports. The upper and lower jaw members are joined. If so, then the method displays a message to the first user during the first gameplay session.

1459828171-f86fc1e9-bbf3-4da7-be49-25eddbbe19a7

A semiconductor integrated circuit device for fast and low power operations, comprising a plurality of circuit blocks of a chip, each of which has a plurality of states with different power consumption values. The preferred exemplary embodiment comprises a pressure regulation assembly installed downstream from a compressible fluid pump but prior to combining the compressible flow with a relatively incompressible modifier flow stream. A removable water cup may be provided on one side wall of the outer housing for containing a supply of water to be used by the steam iron, and a removable accessory storage cup may be provided on the opposed side wall for holding the cord of the iron or miscellaneous small items. After an impact, the curtain's upper edge is automatically fed back into the groove by simply opening and closing the door. The photoreactive adhesive composition comprises a urethane prepolymer and a compound which generates an amine upon irradiation with light, wherein the amine-generating compound is a cobaltamine complex, O-acyloxime, or carbamic acid derivative.

1459828172-82d6122e-c3f0-4f5e-b5ba-5e0ce2b079ae

The airbag apparatus includes an airbag housed in a folded state and an inflator for supplying inflation gas to the airbag. The evaporated fuel purge system is pressurized and depressurized through a venting flow path by a pump, so that the state of leakage therefrom is thereby inspected. The method also involves identifying a digital signature embedded in comments within the file. When at least one of a number of result sets that may be stored and a number of bucket tables that may hold result sets is modified, it is determined whether any of the one or more result sets are to be removed. A hyper-text link is associated with each device button, wherein the hyper-text link provides a link to an HTML page that is contained on the home device that is associated with the device button, and the device link page is displayed on a browser based home device.

1459828173-11818856-638e-4a0c-ba67-35661d09904d

An apparatus and method for making a composite packaging material for easy-open packages includes means for pulling a running length of packaging film, the film having defined rupture characteristics. The progress of the tasks is shown in a list in an information window. There are both mass-produced as well as handmade versions that are distributed by hundreds of companies large and small.



1459828173-727850b1-c54d-4ce2-b1cb-35d19f7bd0e4

A system, method, and computer program product are disclosed for prohibiting unauthorized access to a protected region of memory. The information processing system includes at least one user input device, a transcription center at which voice files received from the at least one user input device are transcribed to text format and a natural language processing system receiving the transcribed voice files for analysis and processing. The system of the invention instantly and continuously provides information that assesses a user's current physiological state during exercising in view of the exercise situations and the environmental conditions. Fatigue risk values are determined from the sleep and wake state values, using a state algorithm. The system further processes data to geographically distribute the data with data processes including: copy, extract, archive, distribute, and a copy-extract-archive and distribute process with a sequential and supplemental data destruction process. This approach allows a single ADC to be used in time-critical applications that require all the analog sensor values to be measured at the same time.

1459828173-bbb91c03-09b9-4bf0-84dd-26d1d0b7ccff

Techniques for providing multi-directional receiving antenna arrays are described herein. The controller activates one or more selected pathways in response to information from the detector to regulate energy transfer at a detected region of risk 66 on the mattress. Therefore, no sharp corners will emerge at a border of a gate oxide subsequently grown on the exposed surface of the substrate, and the gate oxide is thus morphologically improved, thereby resulting in an improvement of the reliability of the high-voltage semiconductor device being fabricated. A vacuum assist can be used to help impact the lumen wall on the spikes. An interior chamber is in communication with the outlet port and surrounds the filter unit. The interactive account management system may include a financial networking engine implemented by a processor for defining a financial network for each account holder and for identifying each member of an account holder financial network based on stored account information and account holder input.

1459828173-d826d368-87bf-45a5-a16f-366e937411c4

A frequency-phase adjusting device includes a first controller, a second controller, and an oscillating circuit. Embodiments of the subcombination and the fruit extraction device of which it is a portion shear the peel in multiple slivers, at the same time compressing the fruit. Systolic registers may be included at various points in the DSP blocks to facilitate use of the blocks to implement systolic form, finite-impulse-response, digital filters. Running in the user space is an event collector, an event player, and a concurrency error detector. A target gear speed shift transmission instruction detector is configured to detect a target gear speed shift transmission instruction.

1459828174-02b089c4-f881-4260-9936-8ec36b8984f1

Disclosed is a shaped container bottom for containing a plurality of curved snack pieces where the container bottom comprises a bottom panel. The semiconductor chips have a base and connection bumps. Thereby, the cylinder distance can be reduced while maintaining the thickness between cylinders and the assembling is facilitated.

1459828174-7074d82a-136c-40d7-b932-e94a25806b5a

A method of fabricating a trench capacitor of a memory cell. The end of the lace is received within, looped through and held within the tubular members of the lace end receiving device. The stabilizing foot is pivotally secured to the bottom ends of a spaced pair of arcuate elevating leg members that extend upwardly through openings in the bottom side of the housing. In any case, the phase transition material are pre-selected so as to be insulative when the MOSFET is in the OFF state and the voltage difference between the drain region and the source region is high in order to minimize leakage current and so as to be conductive when the MOSFET is in the ON

state and VDS is high in order to maintain drive current. The third portion has a first end adjacent to the second end of the second portion and tapers from the first end of the third portion to a second end thereof.

1459828174-7d261989-7e71-4bf8-b2ea-c57af4bc30c6

A touch panel includes a light guide including a first face for detecting the position of an object in contact therewith and a second face opposite the first face, and a line sensor for receiving light emitted from a side face of the light guide plate, wherein, of light irradiated from the second face side, the light guide guides toward the side face the portion of light reflected by the object. In one aspect of the present invention, the data resource elements are assigned to multiple code blocks, and the numbers of data resource elements assigned to each code block are substantially equal. Additionally, a source of the attempt and an attribute of the modification are verified. A Short Interframe Space value may be determined for each access point in the first list or generally SIFT representing the first list as a whole. The control unit drives the current supply when a laser wavelength is to be shifted to a shorter wavelength side from a wavelength with the current supply and the voltage supply being turned off, and drives the voltage supply when the laser wavelength is to be shifted to a longer wavelength side from a wavelength with the current supply and the voltage supply being turned off. Particularly this device has additional transient suppression means for the loads; \u201chigh side drive\u201d of the rotor field to eliminate corrosion from the low side short condition; full passivation around the monolithic chip; and a monolithic chip that contains both the power and control devices which permits a simplified heat sink for thermal dissipation.

1459828174-884db515-38b2-46d9-a559-744165af0c4c

The present invention relates to a method for making an indolopyrrolocarbazole of the general formula I, where the method includes the step of reacting a bisindolylmaleimide compound with an oxidizing agent in the presence of an oxygen containing gas at a temperature and for a time sufficient to yield the indolopyrrolocarbazole compound of the general formula I. The method further includes combining the base erasure patterns and the child erasure patterns to form a minimal erasures list for the erasure code, whereby the MEL corresponds to the fault tolerance of the erasure code. A raised cylinder extends upwards from the interior floor surface. The valve includes an element which is electromagnetically actuated so as to produce a desired pressure in the clutch pressure chamber.

1459828174-9fce7524-c91a-44f6-b49c-985892a86ffb

A holder includes a seat which removably carries a cutting insert for chip removing machining. Additionally, the depth of the gate goes to zero at a point outside of the area of the finished package, but within the dam bars, so that the leadframe space acts as a virtual gate. Optionally, the LED can be biased to reduce the intensity of the pulses used to operate the LED. In both cases the user computer requesting data delivery can either have a special automatic data reception capability or receive the data without screening.

1459828175-0802bb85-4748-48b5-b7fb-ce7754f03ca6

A multilayered piezoelectric element in which braking to displacement of piezoelectric material layers is suppressed and insulating films suitable for thinning of the piezoelectric material layers are formed. The circuit includes a DC-to-DC converter, a DC-to-AC inverter and a transformer to transform available input voltage to a control voltage that can be used to apply the electric field to the mixture in the reforming chamber. In the event that  $j$  is a natural number, a pixel magnifying projection width  $e$  in a second direction is set in a range of the following expression according to mean interpupillary distance  $Y$  of the observers. The control system further calculates optimal temperature ranges and charge and discharge rates for the vanadium redox battery.

1459828175-44143833-0fbd-48df-8b62-fe98b6a8c18c

A piston assembly for an air spring includes an outer shell and a structural insert. The method includes setting at least one of a plurality of logic elements associated with at least one of a plurality of first registers, wherein the plurality of first registers are adapted to access data stored in a plurality of second registers at substantially the same time when the plurality of logic elements are set. A receiving groove is formed in the transition between the actuating shoulder and the externally threaded portion with a first sealing ring is disposed therein. Different images may be produced for different ranges of wavelengths being produced.

1459828175-7fb7bca1-14c0-4244-9ca9-885d43de0930

The present invention provides a cable-type secondary battery capable of wireless charge. Selected desktops and/or running applications are displayed on dual screen displays. A second light guide is adjacent the first light guide opposite the display. Methods of manufacture, including kits for the manufacture of the orthodontic appliance are also included. According to the cleaning tool of the present invention, the screw part has a simple structure, thus dramatically reducing the manufacturing cost of a metal mold for producing the screw parts, as well as allowing the cloth to be firmly fastened to the screw part.

1459828175-8d6211ee-7d02-44af-9834-093be6e4b0d1

An FM tuner that has a multipath reception detection unit and an adjacent-channel interference detection unit while reducing expansion of the scale of the circuit is available. The brace includes a body panel, two stabilizing straps, and a binding strap. In particular, the crystalline substrate has an epitaxial surface which is nano-rugged and non-patterned. The invention reduces channel switching delay and thus improves quality-of-experience for the end-user. The enlarged end portion is provided with a concave articulating surface substantially congruent with the convex articulating surface of the metacarpal insert member, and the elongate shaft portion tapers generally towards a distal end of the phalangeal insert member, and is provided with a plurality of axially spaced second fins projecting therefrom. The cable is fed substantially parallel to the planar surfaces of the substrate and is attached to the side surface of the substrate, such that the cable is oriented substantially perpendicular to the direction of the electromagnetic field emitted from the sensing element.

1459828176-618f8bb4-d87a-4e1e-8859-b820f8ed0aef

A method for determining the entry point of an attack by a vandal such as a hacker upon a device such as a computer or a server such as a web server that operates under the protection of an intrusion detection system. The antenna includes a first radiator and a second radiator separate from the first radiator. The configuration database further indicates an association between the Dial instance and the configuration latch. Vref can be made to vary across its allowable range during AC self test to provide improved coverage.

1459828176-9c1aa10e-066c-4318-a154-8684f247f735

A seat assembly having a seatback and a head restraint is provided. An envelope generator 408 or detector is operable to determine an envelope signal from the data signal. Furthermore, the invention includes a device with which the cylinder block may be manufactured. One or more attributes of the wheel are measured based on the image data. The generated communicative goals may be related to information needed to be obtained from the user. The counter cutter is designed like a plate and has recesses designed corresponding to the shape of the comminution tools of the comminution device.

1459828176-9e781954-8358-46c0-b372-538505f44687

A tensioning cable actuator has a housing with a nut held in the housing. In some embodiments, the methods include the following: a. Based on the dump file, a base

version of at least one software module that was loaded when the crash occurred can be identified. When a bit datum of the output data is different to a bit datum of the write-in data, the bit of the write-in control data is enabled.

1459828177-17c4e3db-14c4-4cd2-9631-fb9bce2f8105

A system for providing location data for determining which service provide is to receive a location based telephone call from a wireless telephone set. The use of the abrasive cleaning pad and the cleaning solution removes contaminants from the CMP pad, and the contaminants are dissolved in the cleaning solution. The adjusting screw arrangement comprises a threaded sleeve that is held, preferably with play, in a smooth through opening having a narrow point and comprises a screw part in functional engagement therewith that stands in a chain of pressure force with the adjusting element. For example, separate DMAs may be provided for different components of a device that perform different subfunctions enabling efficient transfer of data between the different components of the device and the shared memory.

1459828177-39e02433-5fdc-439d-ab52-56acf798e1fd

The present invention provides a pressure reducing valve having excellent responsiveness, durability, and reliability and stable output characteristics. More particularly the present invention relates to a method and system for evaluating accurately the electrical overstress or ESD performance of semiconductor devices during the voltage transition region. A material is molded at least partially over the first core and feed core. As a result, the priority of the virtual machine can be determined according to the task priority and the switching of virtual machines can be adequately controlled even if the virtual machines cannot notify the task priority. The method is based on the concept of auto-similarity and ensures that the input information is not visible but finally be retrieved without providing knowledge of the original documents.

1459828177-c1929561-433e-4e02-86a6-fcd30ff0b9e6

A method and a device for the production of a bore with a special shape, for example a bore which deviates from a cylindrical shape or a bore with an undercut. An updating judging unit 304 judges updating of each network device by comparing an acquired configuration file and a registered configuration file linked to a first identifier representing a copy timing. The user's selection from the list may be received and played to the user. The data controller is configured to manage the encoded data in units of logic blocks when the channel controller writes the encoded data in parallel to the channels, and to allocate parity data contained in the encoded data to one plane in each logic block.

1459828178-1b2c541f-44f3-48b3-bda8-92a93c7aa6f5

An example system for inducting air into an engine includes a compressor and a turbine mechanically coupled to the compressor and driven by expanding engine exhaust. The tool spindle is adapted to be continuously swiveled about the orientation axis by a swivel drum. When the cache and pool reach their maximum sizes, idle objects in them may be removed to make room for newly active objects using various strategies in batches, where the schedule, size and processing time of each batch can be dynamically adjusted. A logical operation is performed on the modified pseudo-random sequence and for each block of the non-encrypted information. For instance, composite polymeric materials can be electrospun to form composite nanofibers within the array. A guide is fixed in the sliding groove and received in the guiding slot.

1459828178-25c5ee4c-b084-4dc1-9acf-398fd66895b9

Methods and apparatus are provided for presenting default content to a caller when a media stream of the specified type is not available. The sheet supplying device has a first tray and a second tray that hold sheets, and a first and second shaft positioned over the first and second trays. When the elongated stock is to be moved

from one side to the opposite side of the die holding member, it is passed through an elongated stock passage, not through the dies, while when the elongated stock is to be moved from the opposite side to the one side of the die holding member, it is passed through one of the plural dies. The gap serves as a diffusion barrier. The cord storage device is positioned at least partially within at least one of the telescoping arm assembly or the support member. The forward path filter may serve to predistort transmit signals prior to radio-frequency amplification.

1459828179-95a45271-5e82-4d9e-9158-8dfb145a9a6e

A plurality of repeater servers form a shared content delivery network to serve resources to clients on behalf of a plurality of content providers. Paper having a plurality of labels continuously affixed to a web liner is loaded inside the label printing apparatus when a main cover is open. The re-circulated homogenized light illuminates the filters, and the process repeats. The bridging results in improved load bearing characteristics of the connection. Particular 4-oxazolidinone compounds are shown to have anti-cancer and anti-microbial activity. The second clamp is placed adjacent the bone, the soft tissue is placed adjacent the second clamp, and the first clamp is placed adjacent the soft tissue.

1459828181-58b10708-4ee3-4723-ac83-876e849f0d08

An all terrain vehicle includes left and right vehicle body frame portions and left and right suspension arms, respectively suspending left and right rear wheels, and capable of moving up and down together with the left and right rear wheels. The first side bar, the second side bar, the third side bar and the fourth side bar are connected end to end. The seal also defines opposing slanting surfaces which provide a degree of flexure to the seal for sealing engagement. The file system reduces access to related disk files, eliminates disk operations that are needed to maintain directory and meta-data information, and avoids multiple buffering of file data, and saves and efficiently manages disk and main memory space. The configuration of the adsorbing first zone is matched to the light-off performance of the electrically heatable honeycomb body.

1459828181-58f523fe-42a2-443a-8212-8011a42e1a72

An automatic transmission shifter assembly for automotive vehicles includes a shift lever, a gate plate formed with a gate passage, and a slide block having an engagement recess to be engaged with the shift lever, wherein the slide block is adapted to be moved frontwardly and rearwardly in response to the manipulation of the shift lever. Substantially even lateral forces are applied to wires and other elongated members within the billet by inserting filler rods at one or more places along the periphery of the pack. Methods of use of the polymeric and pharmaceutical compositions for therapeutic and/or prophylactic benefits are disclosed herein. This gynecological exam device has folding and sliding panels, adjustable footrests/stirrups, and adjustable headrest built into various sections of the exam table. Also provided are antagonists or agonists of Maba, and methods for screening agents that modulate the Maba level or activity in vivo or in vitro.

1459828181-96aecc88-08a8-4324-bfb7-679b70175e01

A system for the treatment of a spine generally comprises an implant and an attachment device for securing the implant to a portion of a patient's bone. During calibration, a closed loop is utilized to decrease the differences between the common mode voltage of the output signal and a reference voltage. The ionized airflow may be delivered to a conditioned airspace by an HVAC system. The material clamping frame of each material clamping mechanism is provided with one or two connecting holes, which connect with one or more material stretching mechanisms through a universal push-pull mechanism. Cells of a microorganism or treated products thereof having activity of stereoselective hydrolysis of a 2-alkyl-L-cysteinamide are allowed to act on the compound represented by the general formula to yield a 2-alkyl-L-cysteine. A relatively highly loaded access point can reduce its beacon power so that one or more connected mobile stations will migrate to a

further access point covering the migrating mobile station.

1459828181-c4678b37-e952-420d-9640-a6b0259e14bd

A paper-feeding device for use in an image forming apparatus that includes a tray on which a recording sheet is configured to be stacked, the tray having an upper surface and a lower surface both being exposed to outside. The mask blank includes a reflector on a substrate. The at least three light-emitting units and the at least three light-receiving units are both arranged in equal distance with respect to one direction. An acceleration resistance is determined using the target acceleration and a constant based on the vehicle weight. The system is capable of measuring or inspecting the sample such as a photomask at high speed and with high accuracy even when the sample has a large amount of charges accumulated on its surface different from its pattern surface.

1459828181-d4bcf4db-25f8-48aa-a25a-fb228d4c1e18

The present invention is directed to partitioning agents and methods of using same to effectuate separation of a reactant, intermediate product, and/or final product from a reaction mixture while minimizing the need for traditional separation or isolation techniques. The communication processor module utilizes commercial off-the-shelf components as well as programmable logic devices, which are programmed to provide a watchdog timer, programmable interrupt controller, flash page addressing, ISA bus decoder and controller, and various circuits and logic. A plurality of tubular ammunition sleeves are secured in parallel spaced relation to the back of the hand face of the palm sleeve. The sensor transmits the transverse location of the web at the second positioning guide to a controller.

1459828182-0a78553d-e310-4cc9-9337-6bcd3c8dd983

Method and apparatus are described for ensuring that blood transfused into a patient is the correct blood for that patient, and that a complete audit trail is created that will allow later tracing of blood from donation through to transfusion. The axially inner base rubber layer is disposed on the radially outside of the belt and centered in the tread width. Variable matching thresholds can permit dynamic adjustment of image quality and computational cost to optimize encoding performance for available computational resources.

1459828182-21c4756b-9ea4-41e8-9ad0-3fe65c18033e

In one illustrative embodiment, a computer implemented method using asymmetric memory management is provided. The supported metal membrane is obtainable by applying the metal membrane to the support surface of the membrane support, wherein the pores in the membrane support are sealed, at least in the region of the support surface, prior to applying the metal membrane and are opened by removing the auxiliary substance only after applying the metal membrane. The transducers, actuators and sensors which utilize ionic polymer membranes solvated with ionic liquids have long term air stability.

1459828182-740ca8ae-a5aa-48a3-8a3b-a29ee315404f

Herein are disclosed an apparatus and method of explicit indication of call from emergency call center. One described method for braking an actuator includes generating a first actuator signal configured to drive the actuator, the first actuator signal having a first frequency approximately resonant to the actuator, and transmitting the first actuator signal to the actuator. One or more elongated heat sink LED modules each having two or more LEDs and electrical component parts thereof are retained in each of the modules. The caulking barrel is connected to the gearbox.

1459828182-a6537a7f-c420-4e89-ac88-9feeb0929211

There is proposed a washing solution for washing an inkjet printer head which performs printing by feeding an ink comprising at least two kinds of polymerizable compounds each differing in viscosity, a photopolymerization initiator, and

pigment. First, a single crystal silicon film is formed by using a typical bonding SOI technique such as Smart-Cut or ELTRAN. An oil product and a gaseous hydrocarbon product are produced during the pyrolysis. The retention latch can also be used to initialize at least one of the first and second flip-flops when exiting the low-power mode. Said shell has through-air-inlets.

1459828182-c17c9312-73b6-4aed-bc2c-29a502e0cd6a

Methods for treating cough, chronic cough and urges to cough associated with respiratory diseases with a P2X3 and/or a P2X2/3 receptor antagonist, the methods comprising administering to a subject in need thereof an effective amount of a compound of Formula (I) or a pharmaceutically acceptable salt thereof, wherein R1 and R2 are as defined herein. Preferably, the louver structure includes a plurality of louvers inclined at an angle between about 20 degrees to about 60 degrees relative to horizontal. Watermark braille is similarly processed.

1459828183-0c6becc9-4aab-4254-86d5-1a1e5da21551

A computer that is programmed with collaboration software receives a new value of an attribute which is specific to a label as applied to an object managed by the computer. 0 mm or less, the thickness of the lattice area is 0. The boxes include electronic locks containing event memory, sensors and alarms, and RF communications and GPS locator module that radio to a base station the time, location and status of the inventive box, and anomalous events as they occur, including unauthorized attempts to open or break into the container, or potential damage events.

1459828183-56ab91db-430f-4067-9cd5-c76ea7620181

A remote-controlled door lock has a case body provided with a battery base, a circuit board and a braking device therein. Rear projection screens including such Fresnel lens sheets are also provided. The reference counter of each of the cache lines in each cache level is tracked so that a cache line is not overwritten with new data prior to transferring old data out to the recipient device. In a bingo game machine, a first bingo game using only the first selector and a second bingo game using both of the first selector and the second selector are performed. The aromatic polyimide ester comprising: a repeating unit represented by a following formula, (I).

1459828183-8be4b1b3-ea74-455e-9b2d-87df3b4f27c6

Medical devices, as well as methods of treatment and manufacturing such devices, are provided for applying vascular therapy locally within the body vessel. A plurality of signal repeaters are tuned to the frequencies of the radiofrequency signals, and a plurality of transmission lines terminated by resonance circuits are also provided such that the terminating resonance circuits resonate on the frequencies of the electric radiofrequency signals. The retaining ring is connected to and vertically movable relative to the base assembly and has a lower surface configured to contact a polishing pad and an inner surface configured to circumferentially surround the edge of a substrate to retain the substrate. Each color light is guided through a light valve to adjust the spectral transmittance of the color light.

1459828183-9202233b-464e-4983-bd7b-741796683d58

A display system reduces latent image formation by shifting an image between a first position and a second position, displaced only a few pixels from the first position. The manually operated control panel is energized or de-energized with full automation by the movement of the overhead dock door. The gateway node comprises analyzing means adapted to detect if for the requested call the first and second mobile station are handled by a common radio network node and, if yes in generation means generate, and provide, interconnection information in a message to the server node including information about channel or circuit resources.

1459828184-8697973b-8f88-4a27-b03e-41320b9e0eaf

Circuit and methods provide for adjustable power consumption using a plurality of memory controllers. The method includes steps for sorting the three input values by magnitude into a high input value, a middle input value, and a low input value. The tamper-proof label includes two forms of coding.

1459828184-87580193-f632-420f-b25c-8d7823034da5

A specially designed rotary indexing system and associated operational methods are incorporated in a downhole control device, representatively a sliding sleeve valve, having an outer tubular member in which an annular plug seat is coaxially disposed. The fittings are screwed to the backrest frame. In an embodiment of a system of the present invention, the system includes a buffer memory for receiving a recorded communication from a service provider network and a content analysis system coupled to the buffer memory.

1459828185-293359ff-25f1-438d-b6a4-6b699124519a

A system that implements detection and reconciliation of system resource metadata for a distributed storage system is described. Each set top box includes a network extender having a wired connection to a residential gateway of a local area network, a media player in communication with the network extender, and at least one wireless transceiver in communication with the network extender. Cementitious compositions containing the treated aggregates are also described. Each embedded resource request is associated with a component record identifier that is associated with, but different from, the record identifier of the original resource request.

1459828185-31084de3-0248-4cf7-909d-3453a59448ec

A tool facilitates a balancing of security with usability enabling secure user access to multiple secure sites and locations from several computing devices. Images are generated that represent the volume of each search query relative to all search queries over a period of time. A notification technique is also provided to notify a user when the image or images being displayed is color corrected. The slot 14 is composed of a first aperture 15 extending in a straight line, a second aperture 16 communicating with one end of the longitudinal direction of the first aperture 15, and a third aperture 17 communicating with the other end of the longitudinal direction of the aperture 15. Certain conditions are used to determine if a switch from one type of stage processing to another type of stage processing is needed. The invention enables a seamless transition from Continuous Conduction Mode the Discontinuous Conduction Mode and Pulse Skipping and provide converters that are efficient at low current loads.

1459828185-4067a8c8-6305-4f61-9688-87d831fc9824

According to one aspect of the present invention, a reporting method in a wireless communication system is provided. In particular, the invention provides high optical quality molds and inserts useful for manufacturing silicone hydrogel contact lenses. Moving the protocol translation processing from the host processors to the MOE hardware unit removes the protocol processing load from the host processor and significantly increases performance of data transmission among sources and sinks across a network layer. As a result, the number of types of pieces of ink data referencing the table can be 2, thus suppressing an increase in the table size. The sensor wrap may advantageously include disposable tape layers including an information element, a breakable conductor, or both.

1459828185-51d4a512-5b35-4498-877e-abef1c346bca

The invention relates to a method for electrodynamically braking a rail vehicle that is provided with a drive unit. The computing system includes a plurality of interconnected processors and corresponding local memories. The external container is provided with a suction port for sucking external air in between the internal container and the external container. The match is then determined to be unauthorized, and a claim is issued against the unauthorized uploaded content. In



this manner, the worker thread may wait for a response from the corresponding clients, while the one or more corresponding session threads continue to backup the stored data and generate backup history.

1459828185-58104847-6779-4162-a251-7da794b87eaa

The present disclosure relates to a passive optical network and provides a method for maintaining the PON, the optical network unit, and the optical line terminal to solve the problem of the ONU being in a constant light emitting state. The method includes calculating a failure probability for a transmission over the network, determining a target value for determining a contention window according to a mapped function of the failure probability, and altering the contention window according to a scaling function of the target value. The thermal equalizer at least partially surrounds and is in thermal contact with the optocoupler unit and is formed at least partially from a material having a high thermal conductivity. Thus, the distance between the upper portion and the lower portion of the endless belt is made smaller than the diameter of the driving roller.

1459828186-91876187-326c-47cf-9a1f-8af048e29c47

A Collapsible Bed Cap for Trucks is disclosed. The device comprises a pair of elongate plates 122a and 122b that are biased towards one another to grip the wrapping material between them. The method can be implemented in a system in which several digital recorders use the same storage. The first write pending indicator is reset after the data is written to the primary data storage device, and the second write pending indicator is reset after receiving an acknowledgement back from the secondary data storage system controller. In another embodiment, a method of simulating a radiation signature of an asset using quantum dots includes dispersing quantum dots to form a cloud of quantum dots; and exciting the quantum dots with a first radiation so that the quantum dots emit a second radiation having a profile similar to the radiation signature profile of the asset. The end portion is rockably attached to the cover mounting portion of the main unit by means of a hinge mechanism.

1459828186-d7004541-3743-4136-8573-69ac53af16a8

When investigating a failure occurring in a transaction between information processing apparatuses, it is possible to reduce the time required for the failure investigation. One or more of the sidewalls has a number of conduit knockouts, as well as a plurality of cable access ports, which allow entry of AC, MC, NM, or other cables. The differential pressure switchgauge is adaptable for producing a signal in response to a difference between the first pressure and the second pressure.

1459828187-2a3a67f1-9487-4874-b880-7a99741ab129

A method for using predictive modeling of a physical process in order to determine and implement a solution to the physical process. The device includes a charge module and a controller. The correction signals are derived from a comparison of the average value associated with the internal clock signal with a target voltage. The grommet is inserted into the grommet slot at the access location and pushed into the grommet hole. Each outer electrode salt includes an outer deforming section bulged from the axis to fit insert holes of the electrical sockets with different sizes.

1459828187-97d466da-6db5-440f-8d09-85c281400212

A punching device is provided for processing samples applied to a sample card comprising at least one punching head with a punch and a lower die, the punch being movable between a resting position and a punching position. In one aspect, an initiation mechanism also acts as a resynchronization mechanism to read the results of multi-cycle execution. Encrypted content is made available to a recipient together with a decryption code, if the identity of the recipient can be confirmed through a validation procedure and if the release conditions are met. A tracking

loop has a phase detector coupled to the sync input and the divider output for detecting a phase error between the external synchronization signal and transmit clock, and a phase control circuit for generating a phase control signal based on the phase error, the phase control signal being coupled to a control input of the controllable divider for adapting the division function. 5 weight % and less than 100 weight % and having an acid value in the range of 1103-1 and/or a chlorine ion content in the range of 1101-1103 ppm. The central control section is connected to the image analysis section, the RAM and the external memory section via a bus.

1459828188-3e469a42-fdda-4dce-acac-755c35a7d077

A waveguide photodiode includes an n-type cladding layer, an n-type light confining layer, an i-type light absorption layer, a p-type light confining layer, and a p-type cladding layer buried in an FeInP blocking layer on a semiconductor substrate. The insulator includes first and second metal layers. With the caster indicator, a user easily confirms the state of the casters, even if a medical electronic apparatus, such as the ultrasonic diagnostic apparatus or the medical bed, is located at a dark place. If there are no matches, then the BIOS may select a default performance state table or dynamically generate a performance state table. The application processor also predictively generates and offloads a session structure for the associated reverse flow.

1459828188-6c262eac-65ae-4a18-8111-12f0f60b9ffc

This document discusses, among other things, an apparatus comprising at least one implantable cardiac depolarization sensing circuit, an electrical stimulation circuit, and a pacing mode controller. The system includes a network station for compiling contact information received from wireless communication service providers. The fastening element can be supported on the wall on two supporting points, which are spaced apart in the displacement direction of the linear guide arrangement. When the user activates the correction widget, the tool displays the correction interface immediately proximal to the correction widget. The system assists with preparation of a protocol for a clinical trial; presentation of that protocol; assuring compliance with the protocol; and generating useful results from data collected via the system and externally for presentation to an approval forum. The invention thus provides a range of compositions and methods for use in treating liver injury, including those suitable for treating acetaminophen overdose outside the therapeutic window for N-acetyl-cysteine treatment, and those that limit the hepatotoxic side-effects of gene therapy regimens.

1459828188-fa20b3ce-3170-4e37-9b69-b28866f0add3

A host including a controller configured to be connected to a storage device separate from the host. The drive assembly is battery powered and includes tracks in the handle portion of its housing for receiving the battery. The feeding element and the non-feeding element have alongside-ground-terminal extending portions formed so as to be spaced from an edge surface at one end of a ground surface formed on the circuit board and to extend in a direction along the edge surface at the one end of the ground surface. Then, the CPU operates an assist motor to rotate a steering handle from a neutral position a predetermined rotational angle in one direction about the handle axis to stop the steering handle at a first judgment position and detects a first judgment torque value by the torque detection with the steering handle being stopped at the first judgment position.

1459828189-0fec2b8-0d37-47e2-bdb5-8b16a91475c9

A management server acts as a repository for a plurality of user certificates corresponding to a plurality of users. The enhanced mechanical gaming system includes a gaming machine assembly, a touch sensor assembly incorporating a substantially transparent touch panel, a touch panel controller, and touch panel software. Numerical descriptors are generated for features found in a multimedia clip, signatures are generated from these descriptors, and a reference signature database is constructed from these signatures. The inner structure of the steam

generator is designed to increase the contact of the heat with the steam generating chamber while minimizing heat exchanging tubes inside the chamber. The obtained olefin polymer has high cycloolefin conversion and a high glass transition temperature. The processor is electrically connected with each photo-detector component for transforming the electrical signal into an output signal.

1459828189-4e63858e-ab43-4e9d-9e1e-6b7188ba7b17

Sulfonyldiazomethane compounds containing a long-chain alkylcyclohexyl group are novel and useful as photoacid generators. A data broadcast transmission rate and a level of error correction to be used when broadcasting data are determined based on prior feedback received from the plurality of receiver devices. A translator board is provided having third electrical contacts arranged in the first layout on a first surface, and fourth electrical contacts arranged in the second layout on a second surface with conductive traces forming an electrical connection therebetween. The lens may be held in place by an adjustable strap.

1459828189-dc45497f-69ba-48ff-8955-d8b9486dcbee

A method and system for analyzing interlinked production processes for manufacturing a product are provided. Each of the conductor segments has a leg which includes an in-slot portion into one of slots of a stator core and a protrusive end extending outside the slot. A second material is formed over the workpiece and over the patterned first material.

1459828189-fdb9ba83-bc0a-4e8c-8985-bb9003c4c93f

In combination with an extension ladder, an L-shaped bracket is provided. The Bluetooth headset body includes a Bluetooth headset main-board and a battery. A plurality of gate electrodes are connected to the gate bus lines, and a gate insulator having a contact hole on the gate electrodes. According to the frame loss information, a second decoder performs decoding by using at least one of the following encoded information: the first encoded information on the frame immediately before, the first encoded information on the current frame, the second encoded information on the frame immediately before, and the second encoded information on the current frame. The pressure chamber may be vented to permit movement of the valve assembly toward the cover.

1459828190-595d8d1c-6af3-402c-bd4d-99c0bac04210

Apparatus and methods for resolving integer ambiguities in position determination. A first P type epitaxial layer and an interlayer insulating film are provided on the device forming portion and an N well and a P well are formed on the top surface of the first P type epitaxial layer. A continuous drive shaft extends along the length of the container and is connected to the support frame. The voltage control oscillator is coupled to the antenna to generate an oscillating signal under an interference of the electrical signal. The nozzle has a rotatable handle assembly, isolated from the fluid path, which provides easy connect and disconnect of the nozzle from the receptacle.

1459828190-e78c616d-7059-437e-afe6-73f87a2e8914

Methods and systems are disclosed for determining whether a patient is a responder to cardiac resynchronization therapy. The piezoelectric ceramic is represented by  $\text{Pb}_{0.3}\text{b}_{1.2}\text{Mea}_3\text{zTixZr}_{1.2}\text{x}_{1.2}\text{zO}_3$ , and satisfies equations 0. Use of a row-identifier to look up the corresponding block-identifier, and the storage of the block-identifier in the structure are repeatedly performed, for each of several specified pairs. Determination is made in a determining circuit 20 as to whether the output voltage  $V_0$  exceeds a current voltage  $V_1$  which is a threshold. An elastic element is at least partially surrounding the translation element and the force transfer element, wherein the elastic element provides the mechanical coupling between the translation element and the force transfer element. Thus, a resistance of the entire semiconductor layer of a TFT which is in an on state is reduced to increase an on current.

1459828191-040d5194-7d0e-463a-a1c9-979b953297fa

A wall system includes a plurality of wall members, the wall members having a first metal panel, a second metal panel, and an insulating core between the first panel and the second panel. The invention relates in particular to an injectable pharmaceutical composition comprising a pharmacologically active ingredient in a solid phase, a vehicle consisting substantially of polyol fatty acid esters with a degree of esterification of over 80%, and a wetting agent consisting substantially of polyol fatty acid esters with a monoester proportion of over 60%. An operating parameter of the control system is measured. While in motion, use of the device can be allowed under specific exception conditions. The voltage comparing circuit compares the output voltage with a reference voltage.

1459828191-6ca50d32-9790-4ad0-a663-22021680ac3c

A superconductive article is disclosed, having a substrate a buffer layer overlying the substrate, and a superconductive layer overlying the buffer layer. The matrix is preferably formed from mineralized collagen where the mineral comprises particulate calcium phosphate immobilized in the matrix and having a particle size of 5 microns or less. A product is loaded into the first bag that is held open with air.

1459828192-3790387a-1ae1-460e-839e-5118735e7d76

A method and apparatus for routing information. In one exemplary embodiment, a grasping device is provided having a shaft with an end effector having opposed jaws coupled to the shaft. Then, the additional locus for producing sharp corner can be automatically produced for the sharp corner so as to execute machining. The 1T cell with diode isolation is not limited to SiC diodes. In still another embodiment, the optical coupling material has a refractive index less than 1.

1459828192-7f5aafef-860d-4c35-afcf-f76027a21503

This application relates to novel urea glucokinase activators and use of the compounds of the invention for preparation of a medicament for the treatment of various diseases, e. The tool includes an intensity modulated pump beam for periodically exciting the sample. The controller determines whether or not the transmission target output torque is in a state in which a predetermined increase is not possible. The method for preventing airborne microorganisms from entering into a water well involves connecting the water well filter device of the present invention to an opening of the well that is otherwise sealed from open air. The first level shifter is configured to detect a voltage level of a power domain where the third control voltage operates and generate a plurality of middle voltages based on the detection result. Each of the graphene channels is separated from the substrate to have a cylindrical structure.

1459828192-9936bc67-9213-40f6-8f0a-9c92117c555d

An apparatus transfers the title of content to an ID-assigning unit which assigns an ID to the content and transmits the content ID to a broadcasting unit via a tagging unit. The FED includes micro-tips with nano-sized surface features. The untreated fluid is placed under appropriate pressure sufficient to produce turbulent flow, increased particle kinetics and/or cavitation physics allowing the desired fluid to penetrate and pass into and through the filter media. The first direction is perpendicular to the second direction. In another possible application of this method, sufficient bottom anti-reflective coating may be removed to only partially fill the vias in order to protect the bottoms of the vias during subsequent processing. These IGF agonist compounds, which include peptides, are useful to increase serum and tissue levels of active IGFs in a mammal.

1459828192-cd995bcb-3188-40f5-8bad-40cf1012a8f3

A serial fan includes a frame, a plurality of rotor vanes, a support connected to the frame through a plurality of connecting parts. The multi-stage separator is

preferably composed of cyclone separators, with the diplegs of at least two of the cyclone separator stages merged together. If there is an exterior driver, then it is determined whether there is a booting up module in the exterior driver. Additionally, a sequential paging technique is described herein, wherein PS paging signals are delivered to VoIP-capable access points and, if no response is received from a desired terminal, CS-domain paging is conducted.

1459828193-4ee4c136-d383-4d6f-9a75-7a0e9a7bcc1e

A valve metal electromagnetic interference filter. For example, one method involves executing operations of a first task. The image forming section includes a first electrode and a second electrode that contact the peripheral edge of the toner discharging port and the seal member, respectively, when the toner cartridge is loaded into the image forming section. Method embodiments are also disclosed.

1459828193-5f8d50f4-1ebe-4dfb-aef7-6aee1844a147

A display device capable of early finding a sign such as misregistration or width variation of an emission layer formed by a layer transfer method, and a manufacturing method of the same are provided. A motion sensor detects a predetermined optimal position of the lead knee and a positive feedback alert is produced when the predetermined optimal position is achieved. An IR reflection layer, an IR absorption layer or an isolation layer is disposed between the photosensing element and the RDL.

1459828193-7db9b821-8f45-466f-9edb-af057fe8462b

The invention is therapeutic methods and compositions that alter the immunogenicity of the host. The forehead cushion includes a contact portion having a contact surface adapted to contact a user's forehead and a connecting structure structured to couple the forehead cushion to the forehead support and allow pivoting and/or tilting movement of the contact portion relative to the forehead support. A first field effect transistor is placed in series with the multi-track inductor that is to be compensated, and a second field effect transistor is placed in series with the dummy inductor, where the gates of the FETs are tied together. The memory management unit can enable either the first translation or the second translation to be used in response to a processor address to enable data to be written simultaneously to different memories or parts of a memory.

1459828193-e7b27246-99f6-4960-806c-89270719717a

A system for managing storage space on an electronic storage medium is provided in which a file format for stored data allows for progressive deletion of low-significance data, for example in a video or audio file, while allowing the remaining portions of the file to be subsequently retrieved. The pharmaceutical formulation comprises decitabine solvated in a non-aqueous solvent that comprises glycerin, propylene glycol, polyethylene glycol, or combinations. This provides a control device for suppressing deterioration in acceleration performance of the vehicle in a case of slipping of engine-driven wheels during acceleration. Information is stored in the memory cell by creating a second amorphous material region inside the active crystalline material region. Since the first and the second electrode layers are formed separately, it is not necessary to perform mask alignment twice, and hence an overlap structure can be precisely formed in which the thickness of the second electrode layer at the left side is equivalent to that at the right side.

1459828194-4e2aa708-d9f4-46f8-9261-3aac68e45220

A high-efficiency multiple-pass nonlinear wavelength converter and amplitude modulator employs a variable dispersion element between adjacent passes of a nonlinear wavelength conversion process in a single nonlinear optical material substrate. A multiple channel optical interconnect uses a linear array of optoelectronic devices and corresponding optically transmissive penetrators. 8 \u03bcm, an organic medium and a dispersant, the dispersant being the reaction

product of a polyethyleneimine with a homo- or co-polyester based on lactic acid, and method for decorating green or fired ceramic bodies by the use of the above ceramic inkjet inks.

1459828194-dddea481-8f64-41bb-b753-d11c038ff98b

This invention provides system and methods for managing accounts of clients at customer financial entities so that deposits of up to \$100,000 or greater are insured, so that interest income earned on a portion of all of the account balances may be flexibly allocated according to customer instructions, and so that withdrawals are not limited. The messaging application user interface can be implemented so as to maintain a subset of the plurality of potential message recipients, the subset being determined using a predetermined criterion. In low-speed data transmission, on the other hand, the HL transmission switch circuit outputs a selection signal for inputting a control signal to the main buffer in accordance with the low-speed data to the selection circuit. and pressures as high as 500 psi.

1459828194-eb7ac204-4c51-4704-a223-b4fc8710e303

The present application provides a dispensing package for a number of articles therein. The electrically-conductive material and the electrically-insulative material are applied one layer upon another in an alternating manner to the actuator block in at least one actuator finger location. The sheet of package wrap has the package wrap pattern and can have fold markings corresponding to corners of the package.

1459828194-fd3e3b87-b8ab-4a35-983d-418516a61e24

A shock absorber for a vehicle having a damper and a first and second springs mounted coaxially around the damper and a preload adjuster for partially compressing at least one of the springs independently of the compression stroke. The lead frame connectors include a conductive lead structure that is encased in an insert injection molded plastic casing. A second control unit provides telecom functions, such as speech coderdecoder or echo extinguisher, to the connection.

1459828195-0f530bae-8ce7-416f-b195-792caf73ccb6

A portable beverage delivery system for preparing and delivering a multi-component beverage whose plurality of individual components can be maintained separately for subsequent combination to form the beverage. Lights, lighting fixtures, and other similar fixtures are connected in such a way as to enable them and/or the dimensions of the system to be remotely controlled. A second type doped diffusion region is formed in parts of the first type semiconductor substrate. The candidate delivery event may be a location and/or direction change, device state change, or movement exceeding a movement tolerance. Each reference measure is representative of at least one of measured and derived patient information. Each block defines an inmost second support wall.

1459828195-b2a37c27-0807-4299-86bf-f4792a2e37f1

A non-vented shell earplug for insertion into the ear canal has multiple chambers configured as coupled acoustic resonators. According to the main characteristic of the invention, the contactless portable object includes a set of field indicators that provide the user with a measurement of the value of a physical quantity proportional to the quantity of the electromagnetic field which passes through the antenna. The target air-fuel ratio of the engine is limited by an upper limiter and lower limiter so that the high speed component converges to the target value, an excessively large variation of the air-fuel ratio is prevented, and impairment of drivability and fuel cost-performance is also prevented. The circular gear is rotated as the adjustable part is moved.

1459828195-f156c5a8-bbd3-4b26-894c-34815d6003e9

A method of forming metal castings, including positioning a first end of a

structural member in a first mold cavity and a second end of the structural member in a second mold cavity. The present invention uses a divide-only direct digital synthesizer and a fixed local oscillator. Demand may be based upon user activity such as click-throughs, purchases, price, or location. The insulating layer and a gate insulating layer of the second transistor satisfy the following formula:  
$$\frac{W}{L} < 0$$
Advantageously, the customer may be given one or more options for the delivery of the content.

1459828195-f481d736-3e69-4534-98fc-2cbf138cd6ec

The current invention provides a method of improving the efficiency of one or more heat exchangers used in cooperation with a high temperature solution polymerization process. A content distribution management server determines by which distribution method to send the content key and content use conditions of each content according to an attribute of the content. The metal conductor may have a density lower than a density of the silicon carbide beam. The thinned bonded structure may be loaded into a processing chamber and electrostatically chucked employing the blanket conductive film or the mesh of conductive wires.

1459828196-148905ca-a8a6-4637-86a9-a9324a5093a5

For improved temperature-dependent correction, a method is provided for compiling a temperature-adjusted correction image for the electronic correction of a raw X-ray image recorded by an X-ray detector at a recording temperature. The gas filter includes a pleated filter pack, a spacer arrangement which includes solidified bonding material between adjacent pleat legs on the upstream surface of the filter pack, and insert spacers between adjacent pleat legs on the downstream surface of the filter pack. The member is movable between the first and second portions in a direction non-parallel to a direction of passage of the member through the opening. Then the measurement signal is derived from the current that develops from the measurement time in a connection of the star point to the specified potential.

1459828196-5fecdf1b-5873-4c28-90e6-4f852c60db14

The invention provides compositions and methods for inhibiting Chk1 and/or Chk2 kinases. A first semiconductor area to which a ground level for the buffer circuit is supplied and a second semiconductor area to which a ground level for the logic circuit is supplied are electrically separated from each other. The visible imaging system captures a visible image of tissue. The document includes data to be used by the client in generating a display. The sheath is impervious to bacteria and viruses. The veil has a spreading shape to simulate a root flare of a tree.

1459828196-88ceeff8-3961-4020-bbb8-c56c4298a5e5

The electronic apparatus includes a portable electronic device and a charger for capacitively charging the portable electronic device when the portable electronic device is temporarily placed adjacent the charger. The aerosol solvent cement product includes an aerosol solvent cement composition disposed in a container. A plurality of illumination units each includes a respective cable and a light generator at a distal end of the cable. The vents on the bag allow the use to blow the debris into the bag without the debris being blown back out of bag by the force of the air column.

1459828196-b4736314-de9d-4d3b-aa13-197a1a5fca49

Whether medical image data is provided with photographing information representing the object part and/or the direction of taking the image is judged, and the object part and/or the direction of taking the image of the medical image data is recognized on the basis of the medical image data when the image data is not provided with photographing information. It is then determined whether a connection to a backup server is available. A service session between a first access network and the mobile station is established.

1459828196-c45f35c2-66a9-4926-bed2-20cb08d7ab7f

A stand-on swing for suspension from a playset structure includes a platform member presenting an upper surface on which the user may stand. In one embodiment, a MEMS device includes a first semiconductive material and at least one trench disposed in the first semiconductive material, the at least one trench having a sidewall. In the preferred embodiment, an opening is formed through which to view the object, and recorded information is expressed on, in or included with the device so that the user can correlate the position of the object image to predetermined distance information. The sorting component matches the collected real-time chat messages from the LISA tool with correlating submitted survey queries to provide raw real-time survey results which are converted into a viewable format for submission to the surveyor. The target has a metal plate that moves backward and upward on a pivot point when the shot is within the standard scoring pattern, and then moves forward and downward to reset for the next shot. The check processing system is operable to receive the process buffer from the emulator through the communication engine.

1459828197-28c13a39-c132-4395-97b6-b338fd7e6c1a

An implementation of a technology is described herein for recognizing the perceptual similarity of the content of digital goods. The invention utilizes a classifier for categorizing and weighing risk, composed of data representing in an identified building, a first unmitigated insurance risk and a second insurance risk, based upon the use of certain technology. A pacing signal is generated including a first signal component, a second signal component and a reference component with the first and second signal components having opposite polarity and with both of the first and second components having a potential relative to the reference component. Sound can be provided as required to complete the illusion. The thus obtained filler is draped into a web of wrapping material to form a cigarette rod ready to be subdivided into sections of unit or multiple unit length.

1459828197-372c72aa-f68a-4b85-bdc5-025df2e0b072

A new and distinct cultivar of Grevillea, named Grevillea sp. The BLSRM includes a stator provided with windings, a rotor rotating about an axis when current is conducted to the windings. The method can also include removing impurities from the pier's surface; arraying a plurality of reinforcing steel bars around the pier; laying stones outside the arrayed steel bars while fixing the stones to the steel bars or the pier, and filling the gap between the pier and the stones with concrete. The deck extends along an inclined plane to maximize downward force of air current applied to the deck to reduce wind lift.

1459828197-3b914096-b5a8-41ff-9415-da91f4710d80

A method for purifying N--2-pyrrolidone is disclosed. Also, a mask layer is formed on a substrate, then an AlN layer is formed to cover it, and then the AlN layer is lifted off by using a solution for etching. The soft tissue attachment component is moveable with respect to the prosthesis while connected thereto. Two more community cards are revealed and the winning hand is determined where each hand is a combination of the first two cards and the five community cards.

1459828198-338324de-7010-42d4-9b03-34fc93818e2f

A drill guide apparatus for aligning a cervical drill bit and a target site in a vertebral body prior to drilling a hole in the vertebral body is disclosed. A C-shaped positioning ring is securely engaged with a groove defined in an inside of the two jaws of the head so that only the engaging member is rotatable relative to the head. The character recognition unit performs character recognition on the still image identified by the identifying unit. Because of this narrow slot, the pinch zone resists movement of the tube from either the occluding or the flow sections into another section.

1459828198-51f13833-b3da-4c18-b8aa-4f655ef52244

An apparatus for supplying optimal data for a hierarchical motion estimator, and a



method thereof are provided. According to the invention, a base station outputs a digital IQ signal to an optical connecting unit. Therefore, it is possible to minimize a temperature distribution in the process chamber and uniformly supply heat to the entire region of the plurality of substrates. Furthermore it could be inferred that there is a strong relationship between different documents clicked by the user.

1459828198-914e33b4-c530-4727-9a59-a7e82f118405

A golf club head has tee handling and ball retrieval included therein. The board includes a front surface, a rear surface, a left side and a right side. The method delivers e-mail messages to the targeted e-mail addresses, the e-mail messages comprising an HTTP request and a unique identifier associated with each of the user accounts. % of an impact modifier; from 1 to less than 25 wt. This variety is distinguished from other peach varieties by its unique combination of non showy flowers, large fruit that ripen in early-season, with an attractive red over color, clingstone fruit with a juicy, but firm melting texture and sweet, low acidic flavor, and excellent production of firm fruit that maintain their eating quality following cold storage. The reflective layer is disposed on the passivation layer.

1459828199-17a6adeb-5051-40e1-824a-33060c9b0c3f

A new and distinct *Salvia* cultivar named 'FLAMMEN' is disclosed, characterized by a long inflorescence, large individual flower size and early flowering. A portion of the apparatus supports the process monitoring assembly to establish a line-of-sight propagation path of monitoring beams from above the dome, through the window to the substrate to facilitate etch depth measurement without encountering interference from high power energy sources proximate the chamber. The push sleeve is disposed in the inner bore of the tubular body and coupled to each of the one or more blades so as effect axial movement thereof along the track to an extended position responsive to exposure to a force or pressure of drilling fluid in the flow path of the inner bore. A buried layer having the first conductivity type is formed below the second lightly doped region and electrically connected to the first lightly doped region. In yet another aspect the present inventions are directed to techniques and/or circuitry to calculate data which is representative of an overpotential of the battery cell.

1459828199-de0f892f-38bc-42db-be8a-8e1dcfe4517e

An uplink synchronization processing method, a User Equipment, and a base station are provided. The state variable is determined by a transfer function which is determined by evaluating the measured oscillations and evaluating measured data of the electric sensor. Each of the fasteners comprises a support bracket for attachment to the support structure of the aircraft and a guide assembly for supporting the spray tube to the support bracket. A first heating coil and a second heating coil can extend between the screen and a first cone and a second cone, respectively. According to the invention, controllable safety means act along said passage are provided, which normally operate for preventing washing agent downflow from said tank to said passage, independently from the position or state of the first plugging means.

1459828200-3843f05f-816e-412f-bf08-c8336417ce1b

An adaptive sigma-delta modulation and demodulation technique, wherein a quantizer step-size is adapted based on estimates of an input signal to the quantizer, rather than on estimates of an input signal to the modulator. A vehicle limitation control signal is supplied to the vehicle over a wireless communication network. The material of the polymer may be polyimide. The UEs extract the data and control information from the two time slots and acquire the data and control information destined for the individual UEs.

1459828200-869ecf03-2575-4545-9b02-5e3337a4c524

An aluminum-magnesium alloy for casting operations consisting of, in weight

percent, Mg 2. A preferred embodiment includes a lens cartridge including a lens holding portion connected to a nozzle portion. Prior to storage, some of the data frames are eliminated, or dropped, and are not stored in the queue.

1459828200-9fd51973-bc7d-49b8-a11b-e5a5042514dc

A hybrid fibercoax network is provided. An example method involves receiving image data and first timing information associated with the image data, and receiving sensor data and second timing information associated with the sensor data. These databases can include messaging data, such as email address books, mailboxes, etc. Finally, the invention provides fun outdoor exercise, therapy, or training, with substantively enhanced ambulatory capacity and substantively reduced internal and external impact to the body in all human gaits and to all users able and, importantly, disabled.

1459828200-dff467a5-5064-4a86-83c7-1917812f7254

A mobile communications control method of this invention controls mobile communication by a mobile terminal in a network in which a plurality of wireless systems are available. The device generates usage information including the times that the device is used, types of functionality provided, indication of amount and type of resources used, and other information. The particles created by this approach can be much smaller, and dental prostheses sintered from this powder can be stronger and more realistic. The method described herein thereby permits the creation of all implied markets that are inherent in the combination of futures, calendar spread and inter-commodity spread real orders. Current information may be used when choosing and/or ordering ads.

1459828201-345c03bb-e2d8-4225-ae33-7f0dc4de075b

A method and a Network Element for manifesting alarms by forming a so called combined Data Quality Byte for a particular SDHSONET data transmission stream. A method for sealing the organic EL display panel includes the steps of forming a buffer layer of an organic matter such as silicon oxide and silicon nitride on the transparent panel, and locating a shield cover on the buffer layer. The at least one burner probe may include a wave guide. When one frame has been completed the decoded result is output by backtracing. The strain may be sensed for the optical fiber in a known, predefined bend shape.

1459828201-6ddf215b-0bf0-4545-9d76-767852b225ee

A customer service application resident on a user's portable electronic device is used to get information about a service and also request the service offered by a store. The sensor includes the following from measuring light input side in the order listed below: a first reflector having semi-transmissive and semi-reflective properties; a translucent body ; and a second reflector having perfect reflection properties, or semi-transmissive and semi-reflective properties. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into PHEJW through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. A deflection device may be used to direct a drift of the drifting apparatus into a selected one of the wellbore junction legs. The invention also pertains to a system and method for implementing the matching device. In one preferred embodiment will the transmitting party provide information regarding which timeslot hat are not used.

1459828201-bee3740a-3721-4e8b-9430-fdc7b88dffe2

An apparatus for making hydrogen storage powder by hydride comminution which includes a hydride reactor with at least one chamber for tumbling powder. The chamber includes a float member formed of an inert material and contains, in use, a fluid intended for inhalation. The platform control hub is woken up according to the boot signal. After formation of the recess, a carbon implantation is selectively performed to form a carbon implantation region within the semiconductor substrate at a position underlying the recess.

1459828202-308d19e0-62f5-4c93-b7b8-dea246806ce3

In a lubricating device for a plurality of lubricating stations, in particular for supplying lubricant to knitting machines, a pump device is provided that serves at the same time as a distributor device. The method and apparatus allows for alignment of the template on the fabric article while hooping only the embroidery backer. The access devices include vertical semiconductor material mesas upstanding from a semiconductor base that form a conductive channel between first and second doped regions, and also planar access devices. The main composition is expressed by the general formula. In some implementations, multiple output triangles within the input triangle are generated simultaneously by parallel processing.

1459828202-b251954d-fba6-4cb6-81cb-a1630d5473ef

The present invention includes a system for servicing messages between device controller nodes and control applications via a Lon Network, wherein the device controller nodes includes a plurality of network variables for defining parameters of the Lon Network. More particularly it is concerned with improving compositions which due to the presence of an efflorescent component may be unstable and prone to decomposition and/or spoilage. In a second embodiment, at least one hydrocyclone is used as a thickener of insoluble residue mud. The seat assembly is positionable between a plurality of upright and flat bed positions.

1459828202-ea284eb9-6f96-4379-8093-ac3e54d57103

An interactive method for radiation treatment planning is disclosed. The upper edges of the rollers are aligned to define the surface of the path. When the MAL is positionally rotatable to the CLOSED position the first connector housing and the second connector housing are mated together such that the locking means is disposed adjacent an external surface of the second connector housing. A dorsal portion of the panel extends from the aperture to the first end of the panel. 1% by mass, and the half-value width of a plane in X-ray diffraction is not more than 1.

1459828203-28146023-4c6c-445f-9afe-1f91ece61158

The invention relates to an evaporator control by use of an expansion valve and an internal heat exchanger IHE. A first oscillator generates a reference clock signal having a frequency depending on a control signal. A maximum period between measurements may be imposed to reduce irrelevant results, as may a minimum period. The incorporation of a screw into the warming or cooling device allows the temperature of the solution to change while simultaneous mixing and shear is provided.

1459828203-c6e83bd4-a117-4ab5-91ae-d94a77fbb84b

A method and a system for extending distributed logon services to an off-line computing device includes encrypting, on the off-line computing device, a one-time password, a nonce, and a unique identifier to generate an authorization request message. The first gate insulating film includes a first high dielectric constant insulating film with a first nitrogen concentration and the second gate insulating film includes a second high dielectric constant insulating film with a second nitrogen concentration higher than the first nitrogen concentration. A phase detector determines whether the edge and data clock signals are in phase with the incoming data, while some clock recovery circuitry adjusts the edge and data clock signals as required to match their phases to the incoming data. A control circuit synchronizes the operation of the several D.

1459828203-d74c2367-e451-4efc-916f-daf86e5908de

A plastic frame and a frame are provided in a screw-on structure. A node has dynamic coherency boundaries such that the hardware uses only a subset of the total processors for a single workload at any specific point in time and can optimize cache coherency as the supervisor software or firmware expands and contracts the number of processors used to run any single workload. The treatment method is

particularly appropriate for bedsores. Upon receiving the profile, selectively offering services to one or more access terminals based at least in part on the profile. The second device notifies the first device of a second feature value based upon the detection result of the second acceleration sensor.

1459828204-32cf75cb-0278-4bcb-a615-616499457542

An intravascular stent assembly for implantation in a body vessel, such as a coronary artery, includes undulating circumferential rings having peaks on the proximal end and valleys on the distal end. A viscoelastic pad is used to support and hold a patient on a medical procedure table during a medical procedure performed while the table, and thus the patient lying thereon, is in an inclined position, such as the Trendelenburg position. The retractable guide tube assembly includes an arcuate guide tube having a first portion that is slidingly positioned in an arcuate portion of the housing. There is also, for the number of simultaneous calls, at least one second upper limit which is not lower than zero. The microgranules consist of a neutral granular carrier coated with an active layer including diltiazem or a pharmaceutically acceptable salt thereof as the active principle, a surfactant and a binder, and an outer layer providing sustained release of the active principle. An improved image analyzer includes a computational unit configured to execute this method.

1459828204-417222bc-54cc-46db-be30-87d1c470f540

The invention provides a method of extruding dental material from a capsule-like cartridge, by providing a capsule-like cartridge having an elongated body and a nozzle. The surge absorbing circuit includes at least one surge suppression circuit, the at least one surge suppression circuit including, with respect to the same signal line at least: a power supply; a diode connected between the signal line and the power supply; and a power supply line for connecting the diode and the power supply to each other. The distal opening of the second guidewire lumen abuts the proximal end of the bifurcation. The first clamp section includes a downwardly open hook portion that is positionable over a catch member of a footman loop mounted to the main body of the windshield frame. The invention further relates to a method for the production of said insulin analogs and to their use, particularly in pharmaceutical preparations for therapy of type I and type II diabetes mellitus. It is endeavoured to provide a simple way of extending the functionality of such lifting devices.

1459828204-7ac8b320-241e-43c1-b1ae-378566d7ab29

The present invention is a method and apparatus for a very low profile ball grid array package. The toner charging roller has a metallic layer which induces its electrons by receiving light irradiation, and an ultraviolet irradiator which irradiates ultraviolet to the metallic layer. The target waveguide has an entrance at the back side and directs energy provided by a laser from the entrance at the back side toward the ABS. The plurality of analytes are simultaneously analyzed by collecting and recording images of the optical signals generated by all the microparticles in the planar array. The RE middleboxes may be scaled for use with cloud applications. The variable angle screen being configured: to blend output at all of the various operating angles of inclination, be transportable with a detachable bolt on feeder module; have an overhead feed conveyor which operates at a substantially horizontal configuration and at various operating angles of inclination.

1459828204-810b8594-0912-46ca-a7e3-57511913482a

A telescopic shaft for steering of a vehicle is assembled in a steering shaft and includes a male shaft and a female shaft that are so fitted as not to be rotatable but to be slidable. The protrusions are brought into contact with a surface of positive photoresist, and the surface exposed to electromagnetic radiation through the phase mask. The primary windings are wound to produce voltage amplification and connected to an ignition circuit adapted to produce high-voltage ignition spikes to

turn on the discharge lamp.

1459828204-bcf7efae-88bd-4d71-a9b3-b1194a68dc58

The present invention generates a task-dependent acoustic model from a supervised task-independent corpus and further adapted it with an unsupervised task dependent corpus. The reactor produces a liquid crystalline polymer capable of forming an anisotropic melt phase. The flank portions present exposed surfaces that are steam tempered.

1459828205-3779ede8-69ec-4054-91d0-fdb066f80eb9

Various lighting devices and related methods are provided. The system includes a server rack and a contamination filter secured to the server rack. The wireless interface can relay diagnostic information from a vehicle to the diagnostic device when the wireless interface is coupled to a diagnostic cable, which is connected to a vehicle. The device may have means for adjusting the tension of the target material.

1459828205-9c8b077b-adbb-402b-8fb7-2604543471ad

A ratcheted lashing strap assembly is described. The system also includes an energy-absorbing lanyard contained within a cover and connected on opposing ends to a pair of non-conductive self-closing and self-locking hooks. The weighing electronics has a second plug and contact arrangement that mates with the first plug and contact arrangement when the scale module is plugged into the cavity.

1459828205-b2c6ce03-9d19-44fc-af0e-e3f368c5b58e

An automatically movable storage apparatus for retaining a ladder on top of an emergency vehicle and facilitating movement thereof to a deployed position extending downwardly and rearwardly therefrom selectively to make the ladder available for usage. Conventional memory-space dependent instructions, such as MOV, MOVX, and MOVC, provide an optimized addressing scheme, and an extended memory-space independent instruction EMOV provides an optimized code efficiency, processing speed, and ease of code generation. The digitized ambient component is subtracted from the digitized illuminated component to generate a light signal with a reduced noise component. The method of the present invention serves as a supplement to or a replacement for conventional hysterectomy or ablationresection procedures used to treat menorrhagia. A gradation is calculated for generating a video signal such that, at two pixel formation portions arranged at intersections of these two scanning signal lines driven at the same time and a video signal line, a luminance averaged from luminances originally to be appeared at the two pixel formation portions appears. The regulators are contained within a ventilated cabinet and the hoses are wound about a reel.

1459828206-2a0c2ae9-4179-46b4-ab7a-1ff53059dfda

A magneto-optical recording medium includes a first magnetic layer, a second magnetic layer, a third magnetic layer, and a fourth magnetic layer having respective Curie temperatures TC1, TC2, TC3 and TC4. The data storage device includes a recording medium having a dedicated servo layer for providing servo information. The data acquisition system may also have a controller in communication with the first and second sensors.

1459828206-3af0450d-b07a-4765-bc96-44dd918f65c1

A dishwasher includes a cabinet having arranged therein a central cavity. Examples of such properties include enhanced recombinogenicity, genome copy number, and capacity for expression and/or secretion of proteins and secondary metabolites. The first group of optical elements enables high numerical aperture and beam contraction. The rotor assembly is operatively connected to the output shaft and responsive to electromagnetic flux generated by the stator so as to provide a rotational force to the output shaft to drive the windshield wiper in repeated wiping motion across the windshield. In an embodiment, the mask may comprise one or

more replaceable non-stick stencil elements and associated springs to press the stencil elements against the substrate. The composition wherein talc has a median particle size of less than 1000 nm further contains a polycarbonate and/or polyester-carbonate, and a graft polymer having as graft base a rubber having a glass transition temperature of below about 10°C.

1459828206-9d08486c-716e-439c-a336-e19a9b668d25

A heat sink for use with a high output LED light source is disclosed. The methods involve adsorbing the analytes to a substrate under a plurality of different selectivity conditions, and detecting the analytes retained on the substrate by desorption spectrometry. In one embodiment, a plurality of candidate locations of header checksum windows are searched and checked for a valid checksum.

1459828206-ef3c5ddc-79ce-43d6-9b9f-9a96bd42b8f9

A laser spray method exhibiting a high detection sensitivity when applied to mass analysis has its sensitivity raised further. The electrode current collector is made of copper or a copper alloy, and has a front surface color and a back surface color, at least one color of which is a color belonging to a color space represented by:  $50L^* \leq L^* \leq 50$ ,  $5a^* \leq a^* \leq 50$ ,  $5b^* \leq b^* \leq 50$ , where  $L^*$ ,  $a^*$ , and  $b^*$  are numeric values determined based on the  $L^*a^*b^*$  calorimetric system described in JIS Z 8729. The force of the paper moving along the transportation path swings the shutter arm unit into the second position, a protrusion cam and an escape cam prevent an increase in the return load of the shutter arm, and a pair of ends of the shutter arm aligns the front end of the sheet of paper. By using UV-oxidation as the first step in either a 4-step or 3-step gate stack process, very thin composite dielectric films with equivalent oxide thickness below 16 and as low as 14.

1459828207-3ca6e7f6-b229-4b65-a5b9-426d606a3044

Information is recorded on or reproduced from an optical recording medium with irradiation of light from the opposite side of a substrate. The bridge section forms at least one of an angle and an arch. In embodiments, the single roller is used to clean a plurality of ejectors, in which case each section of the roller handles one ejector. The resulting airbag cushion assembly may be configured to separate the wraps sequentially, rather than simultaneously, during inflation of the airbag cushion. This product membrane is useful in the separation of C3 and higher hydrocarbons, as well as CO<sub>2</sub>, from natural gas and other gas streams.

1459828207-5799a6f3-f23f-4ce4-9bb3-a3fc7b56da7a

A Class-D amplifier includes a pre-amplifier having an input configured to receive an amplifier reference voltage signal which is ramped at start-up at a fast rate. The garment is positioned either on one vacuum conveyor or between an upper vacuum conveyor and a lower vacuum conveyor. Moreover, the present invention provides a MAC channel structure for delivering control information via MAC channel.

1459828207-83f5976e-7ce9-4fb3-b962-52fefb512827

Sensor arrangement having row and column lines arranged in first and second directions, respectively, sensor arrays arranged in crossover regions of the row and column lines, a detector, and a decoding device. For example, a search may take into account one or more network addresses to focus a search for particular content. The parallel data may then be processed to for example generate statistics to monitor link integrity, prior to being transmitted.

1459828207-8aaf099f-6624-43e7-98e8-46080befb00a

The system is a rebate program for the benefit of participating individuals such as wage earners. The system includes a computer, a transducer probe, and a receiver. Two rows of contacts are held in an upper contact area.

1459828208-a03cea99-a44b-4278-b760-532b82a363a1

A vacuum pump comprises a molecular drag pumping mechanism and a regenerative pumping mechanism. Each participant calls from a separate telephone device that communicates with a base transceiver station that is coupled to a distributed mobile architecture server. The duplex exchanger includes a first heat exchanger having a first main flow channel, and a counterheat channel joined in flow communication therewith. Next, the system performs an interval optimization process to compute guaranteed bounds on a Pareto front for the objective functions, wherein for each point on the Pareto front, an improvement in one objective function cannot be made without adversely affecting at least one other objective function.

1459828208-f178db1c-e955-4434-89fa-43f933c4a992

A grinder disc, insert holder and insert assembly including a grinder disc with a plurality of grinder insert holders for grinder inserts for grinding and the like. The rivet is provided with a projection at one end and with spreadable expansion elements at its other end. Light is irradiated from a first substrate side, and reflected light is subjected to spectroscopy. These compounds are useful, inter alia, in the treatment or prevention of acute and/or chronic neurological disorders such as psychosis, epilepsy, schizophrenia, Alzheimer's disease, cognitive disorders and memory deficit disorders, as well as chronic and acute pain. In one embodiment, there are two delayed release dosage forms, as well as a delayed sustained release dosage form, with each of the dosage forms having a different release profile, wherein each reaches a C<sub>max</sub> at different times. A semiconductor device is provided having a low parasitic resistance of sourcedrain regions and a desired threshold voltage hard to be lowered.

1459828209-33d32f5a-3977-4f12-8ebc-39aef5761ca8

The invention relates to a compounder comprising a mixing unit, which can be mechanically driven by a drive module and is provided with one or more feed devices for the material to be processed and one or more additives that are to be mixed with this material. Alternatively, the same bitloading may be applied to several or all of the subsets of an MC group. A liquid crystal array is disposed in either the reflected or transmitted beam. The switch controller controls the states of the switches in response to control information representative of the source and the destination of each bus transaction. COMs include messages that are automatically sent based on a delivery. The online game can be virtual world representative of at least two of a northern continent, a western continent, a southern continent, a central continent, and an eastern continent.

1459828210-20382758-1f73-4632-954b-3819407aa810

Manageability tools are provided for allowing an administrator to have better control over switches in a lossless network of switches. The safety cover may include a cover with a front face where the front face is configured to cover the face of an electrical device except for a plurality of plug blade apertures therethrough. When a first voltage of a first polarity is applied to the first input and a second voltage of the same magnitude as that of the first voltage but of opposite polarity is applied to the second input, a virtual ground is established in the structure near its center of the segment. The maximum waiting time is a time that must elapse before the navigation device can again transmit the reroute calculation condition. The exterior panel is preferably metal and is hinged to the housing for movement between closed and opened positions. The collector, the gate electrode, and the plurality of transparent electrodes are disposed between the first substrate and the second substrate, wherein the collector and the gate electrode are disposed in the device region and the transparent electrodes are disposed in the display region.

1459828211-092d497b-e0fa-4c24-b93f-ccb7f6d706e6

A method is for reducing booting time of a mobile communication terminal. The pair of movable arms extend from the base for catching a head slider with at least one head element in a space between the pair of movable arms. Also disclosed are a

design method and structure for a random number generator, which incorporates multiple pairs of essentially identical transistors having such a large  $V_t$  variation and which relies on  $V_t$  mismatch in pairs of those the transistors to generate a multi-bit output. The second film has an elastic modulus higher than that of the first film. The weld detect circuit receives the output of the sensing circuit, and enables a dark state drive signal to be delivered to the shutter assembly. An embodiment of the present invention may provide a speed adjustable booster turbine to energize a variable speed booster; which provides air at a relatively constant pressure to an air processing unit.

1459828211-29ac568f-6507-4122-8aeb-724a5d5fdf35

Stabilized dispersions are provided for the delivery of a bioactive agent to the respiratory tract of a patient. The dynamic sealing lip is provided for establishing compressed sealing engagement with a relatively rotatable surface, and for wedging a film of lubricating fluid into the interface between the dynamic sealing lip and the relatively rotatable surface in response to relative rotation that may occur in the clockwise or the counter-clockwise direction. A handwritten input is received in the handwriting area. Accordingly, the plate is in double contact with the inside and the outside of the top case, so that the plate can be in contact with the top case in spite of a movement of the top case. Additive manufacturing technology and statistically controlled advanced manufacturing processes quickly produce personalized medical devices worldwide. As a result, the pressure compensator assembly compresses the lubricant disposed within the sealed lubricant chamber and, accordingly, functions to maintain a positive pressure situation within the lubricant chamber.

1459828211-64a881a0-9304-42fb-893f-c1e5a20babfa

Provided are an electrode additive coated with a coating material made of electrically conductive materials such as metal hydroxides, metal oxides or metal carbonates, and an electrode and a lithium secondary battery comprising the same. The structure comprises a frame having a base and a stanchion connected to the base. A light guide sheet with a plurality of convex-concave light emitting portions is formed on an optically transparent substrate, which is disposed between the touch panel and the movable contact.

1459828211-9b0dcfba-b985-44bf-8f29-4d83d1fddfaa

The present invention provides for inexpensive transparent microwave antennas with high efficiency. It thus includes a compressor with one, two, or four stages based on a modular architecture with common components. The cutter translation mechanism comprises a lead screw with discretely formed threads and a rotatable pawl. A translator device converts a first SCSI-based communication message to a corresponding first non-SCSI communication message that is recognizable by the non-SCSI device. The piperidine derivatives exhibit antitumor activity and are useful as pharmaceuticals such as an antitumor agent.

1459828212-024e5aa1-2fd8-4d68-a23b-1dab5ad2a79e

In one embodiment, a memory controller may be configured to transmit two or more critical words corresponding to two or more different read requests prior to returning the remaining beats of the read requests. The system receives input image data at an input frame rate and/or input resolution. The tensioner also may have a fluid filled chamber inside a portion of the drum section of the arm and a valve pivotally attached to the tensioner so that the valve extends across the fluid containing chamber.

1459828212-055a9ac1-9f2a-4439-9aac-9c2e308eee9d

In a method of fabricating a liquid crystal display, an insulating layer for storage capacitors is reduced in thickness to increase the storage capacity while maintaining the aperture ratio in a stable manner. Channel acquisition is first attempted at no offset from a start frequency that is obtained by fitting an ideal



temperaturefrequency error curve to available actual data points. The stimulation lead adapter can also include an adapter plug configured to electrically engage a stimulation lead port of an implantable medical device.

1459828212-19627505-2e5a-41f1-bbca-09b0c9601360

A substrate holder is reliably transported in a state of holding a substrate. A mask generator outputs a threshold value for each pixel of a display. The outward angled tine extends from the body to a housing engagement surface and is configured to engage a portion of a housing.

1459828212-807f15dd-bd72-49e3-aeb9-70d4be6f0cea

A steering wheel has a rim with an armature substantially encapsulated by foam. A first side wall 425 constituting the casing 420 includes a first side wall part 425a and a second side wall part 425b aligned sequentially from a first end wall 423-side in a first direction from a first end wall 423 toward a second end wall 424. In addition, the inhibitor containing the retinoic acid can be used for a cosmetic purpose and as a prophylactic or therapeutic agent for wound-caused dermatitis and ski senescence.

1459828212-f34a3192-aa49-4d78-8afc-f56d6e810d2e

Disclosed herein is a catalyst for aqueous-phase reforming of biomass-derived polyols, which comprises platinum and copper as active metals and a mixture of magnesia and alumina as a support. One or more openings are provided in a die carrier which are filled with a material which is more resistant to compressive forces than the carrier. The social media data is received from one more social media platforms.

1459828213-4f6d94cc-52c6-4dff-9189-b40aaca9db7f

The surface of a transparent layer provided on the uppermost layer of the label side of an optical disk is subjected to pearskin finish. The radar level gauge system further comprises a leak indication member being movably arranged inside the hollow waveguide in such a way that a force resulting from leakage of the fluid at the sealing member causes a movement of the leak indication member which causes a change in at least one microwave propagation characteristic of the hollow waveguide. The pulse responses acquired from the user stations are received by the master station. The electrical components can also be attached to the eyewear as an after-market enhancement.

1459828213-dcf30e53-05d9-48cb-b515-47cebdc4f0e8

The present invention relates to freestanding carbon nanotube paper comprising purified carbon nanotubes, where the purified carbon nanotubes form the freestanding carbon nanotube paper and carbon microparticles embedded in and/or present on a surface of the carbon nanotube paper. The disk has a locking mechanism including a plurality of locking elements which are equally spaced in a circumferential direction. In some embodiments, the energy calculation is also based upon a second current from the second module. The cavity between the frame and the AAC blocks is injected with structural insulating foam. Knowledge generated and accumulated in the autonomous learning system can be cast into semantic networks that can be employed for learning and driving tool goals based on context. Also provided are polynucleotides encoding the engineered ketoreductase enzymes, host cells capable of expressing the engineered ketoreductase enzymes, and methods of using the engineered ketoreductase enzymes to synthesize a variety of chiral compounds.

1459828214-ce94450c-8c85-4302-ac99-f278fa9b102e

Magnetic film comprising a substantially crystalline magnetic layer and an intermediate layer alternately formed in contact with each other, wherein the magnetic layer has composition 1001A11, wherein:. The end cap assembly has a mounting ring attached an end of the casing. The compounding is adaptive, such as

through adapting the image regions, weighting, or type of compounding as a function of correlation, location within the image, estimated motion or combinations thereof. More controlled voltage rise and fall times may improve X-ray emission and detection synchronization. The axis of emission diverges in the emission direction from the axis of reception at an angle of at least two degrees.

1459828214-e17aa347-1327-48b9-8a89-adff8bc8767c

An image sensor capable of overcoming a decrease in photo sensitivity resulted from using a single crystal silicon substrate, and a method for fabricating the same are provided. Crop material enters the duct until a pre-determined level has been reached at which time a stuffer transfers the pre-compressed crop to the baling chamber. The datalink application processor includes a datalink message manager. The method further includes presenting a first audio signal having a number of audio frequencies to the patient and applying a stimulus current to one or more stimulation sites corresponding to the number of audio frequencies of the first audio signal. The solution is further energized to a range of energy densities such that tissues to be affected are sealed against flow of blood, lymphatic fluids, air, and other bodily fluids and gases.

1459828214-ed4a4f1b-bb4c-49d6-b45d-c1d34abfdf95

A flavoring composition for a minced-fish product comprises from 0. The system provides for on-demand and virtual on-demand delivery of electronic books. The coating is composed of one or more refractory layers of which at least one layer is a texture-hardened  $\text{Al}_2\text{O}_3$  having a thickness ranging from 2 to 20  $\mu\text{m}$  being composed of columnar grains with a lengthwidth ratio of 2 to 12.

1459828214-f5e5fc93-f16a-4660-b26c-e618a823a5b1

An image processing apparatus estimates an estimated object region including an object on an input image on the basis of a stored object data, obtains a similarity distribution of the estimated object region and peripheral regions thereof by at least one classifier, and obtains an object region coordinate and a template image on the basis of the similarity distribution. The valve member moves between a first position and a second position and the valve is opened and closed. The coupling part is composed of magnetically attractive material and includes a protrusion.

1459828215-8b68e60e-f964-42c7-9617-7a980f731a21

An apparatus for separating a stream of particles comprises a charging device for injecting a net charge into a plurality of particles and a collector adjacent the charging device. The back frame has a lower segment pivoted to a chair control, an upper segment for thoracic support, and links forming a four-bar linkage with the upper and lower segments, with a joint being formed at the lumbar region. The base station further has M second groups for transmitting radiofrequency signals to the first groups. A tribological coating on the spacer ring and/or protrusion significantly reduces wear therebetween. The first part electrically connects to the main antenna or to the main board feed line, and is designed to radiate.

1459828215-ec0beb46-2972-4296-92e4-57da5343fa2e

An aircraft is disclosed having an engine and a propeller mounted to a fuselage. Another aspect of the present invention is directed to a pharmaceutical composition comprising, a pharmaceutically effective amount of one or more compounds of formula I according to claim 1 in admixture with a pharmaceutically acceptable carrier. The second solid-state light source is adapted to emit light through the aperture in a second illumination pattern. The first and second spur gears meshingly engage such that the second spur gear rotates in the opposite direction as the first spur gear. The rule generalizations optionally concentrate on groups of data elements having at least a predetermined number of parameters having the same values for both important and unimportant data elements, reducing the chances that a generalization rule will find important data elements as unimportant.

1459828216-04ba9809-d5ef-493a-8897-344c2f829b9b

A package includes a pour spout and a closure cap. , thereby causing solidification of the solution or dispersion in the form of droplets, and wherein the solidified droplets or pellets are isolated and dried. Numerous other aspects are provided. A first one of the inks contains Direct Blue 199 as a primary or exclusive dye, a second one of the inks contains Reactive Red 180 as a primary or exclusive dye, and a third one of the inks contains Reactive Yellow 37 as a primary or exclusive dye.

1459828216-43082aa0-a299-4407-a72e-d67a5c89f80e

A computer system dynamically scales back latch requests for system resources. The present invention also relates to isolated nucleic acid sequences encoding the subtilases, nucleic acid constructs, recombinant expression vectors, host cells comprising the nucleic acid construct, and methods for producing and using the subtilases of the invention. The user interface definition with the information list is received.

1459828216-de247609-f883-46df-91ee-e8b2607eef47

A metered dispenser includes a housing including a reciprocable piston drive stem including an inlet opening at a first end thereof, a floating piston at a second end, and a passage between the first and second ends. The network node configures cells for non-contiguous downlink operations based on a signal received from a user equipment. Arranged inside the damping mechanism there is at least one securing element for fixing at least one thread which, at the proximal end of the device, is guided out from the outer body through an aperture in the base. The elongated groove is sized to allow the blocks to be turned and moved depending on the type and design of the particular wall being constructed.

1459828216-ea55d813-fa49-44f7-ad3e-72c1cb656513

In a network environment that includes a plurality of nodes and that uses a markup language to create documents, a method for filtering the documents is provided. The method of manufacturing a light emitting device is characterized in that: a solution containing a light emitting material is ejected to an anode or cathode under reduced pressure; a solvent in the solution is volatilized until the solution reaches the anode or cathode; and the remaining light emitting material is deposited on the anode or cathode to form a light emitting layer. The way in which correction calculation is carried out in the correction calculation section 12 is changed for every frame. A determination is made as to whether the operating system unavailable after a period of time passes. The rotated water dividing device includes a third though hole having a through hole opening that corresponds to the bottom end opening of the water divider shell.

1459828217-066dd87c-a829-4751-acd2-b151ba775ec5

The present disclosure provides a cyanoacrylate-based composition comprising a cyanoacrylate component and an organic micropulp component dispersed in a curable acrylic monomer matrix. Bottoms of the barrier layer of the first conductivity type and the diffusion layer of the second conductivity type are positioned on the first main electrode side of lower ends of the first conductor layer and the second conductor layer. Thus, the present invention provides methods for screening and/or diagnosing a respiratory, cardiopulmonary disorder or disease such as chronic heart failure, and/or methods for monitoring the efficacy of therapeutics administered to subject to treat the disorder or disease. The method includes illuminating a mask pattern of an attenuated phase shift mask with an illumination configuration including on-axis and off-axis components, the off-axis component of the illumination being an annular illumination extending near a pupil edge, and projecting an image of the illuminated mask pattern onto the substrate.

1459828217-29d12a8c-5dda-49d1-9fe4-6cd3c599b867

A modular headboard system is provided. An embodiment of a pressure relief device includes a housing having an opening associated with a first end, an opening

associated with a second end, and an over-pressure opening. The stored value for its power level is the power level that was previously successful with the transmission characteristics in achieving the Showtime data transfer mode. The storage management system includes a user interface configured to display the storage management information for the storage objects. For this reason, it is possible to prevent the registration and authentication of a wireless terminal of an external user who cannot easily operate the wireless base station, and thereby it is possible to realize the secure and easy registration and authentication processing even when the wireless communications are used.

1459828217-f0e35efe-57fc-460f-83d6-5c566ae7bfc1

A position determination system of a hybrid method, which is capable of complementing the problems of a position determination method, in which a global positioning system is used, and a position determination method, in which a mobile communication signal is used, by combining the above two methods with each other, is provided. The techniques of shallow trench isolation utilize foamed polymers, cured aerogels or air gaps as the insulation medium. Furthermore, the device is arranged to be controlled by one or more operational sequences of the control means, which operational sequence is composed of at least one directional transfer from the normal position to the auxiliary position and at least one movement of said second movements which follow each other substantially immediately.

1459828218-4c07dcd0-dd6b-475d-96eb-eaf08b5b5031

A method for concurrently converting a standard volume to a thin-provisioned volume includes initially establishing metadata for a thin-provisioned volume. A data output system for rendering at an output device output content managed from an information apparatus includes means for obtaining a document object relating to the output content managed from the information apparatus and means for obtaining an output device object with one or more attributes corresponding to the output device. The thermite structures can have high hydrogen contents and small dimensions, such as micrometer-sized and nanometer-sized dimensions. A line card is operable for receiving non-regulated alarm report data that is not regulated in accordance with Underwriter Laboratories 1610 requirements and establishing a bi-directional link for the non-regulated alarm report data between any central station automation system and the alarm panel at the premises until the bi-directional link is no longer required. Limiting the use of this dynamic address pair to a session lifetime and by preventing a mobile node from knowing the static address of a home agent may help protect the home agent from attacks. When an alternative drawer, such as one containing charcoal is employed, fuel from the pressurized tank is blocked from emanating from the tank.

1459828218-810e8e14-41c0-4ecc-8503-7ff4aa1bc8c3

A container, or pod, is provided for a pontoon boat in which an engine is disposed within the container and the container is supported below the deck surface of the pontoon boat. The container is configured to be shiftable about an intermediate hinge portion and provides a dispensation port defined by a frangible connected panel of the container. The holder can hold circular knitting needles connected by a flexible cord, for example. In accordance with an instruction from first host computer, updating of replication-target data and creation of a journal are performed in a storage system A; and updating of replication data and creation of a journal are performed in a storage system B. The openings along a leading edge of a row are shaped to receive a hinge rod snugly with little clearance. The semiconductor device includes a semiconductor substrate, a piercing electrode configured to pierce the semiconductor substrate and electrically connect the wiring board and the semiconductor device, and a ring-shaped concave part provided so as to surround the piercing electrode, the ring-shaped concave part being configured to open to a wiring board side of the semiconductor substrate.

1459828218-ac3b919d-a6d4-406b-93a5-7f428690e71d

Real-time imaging of a moving object such as the heart uses fast imaging with steady precession traversing spirals in k-space. An electrically conductive frame is attached to a first surface of a substrate. Namely, properly associating a search term with the correct category will greatly enhance the generation of search results with higher relevancy.

1459828218-e00fbd88-5c0e-4e9e-88bb-edb306b725bc

A semiconductor laser structure is provided. A 4-wire assembly is used for replacing conventional incandescent light bulbs with fluorescent light bulbs in existing lighting fixtures recessed downlights, in particular. The drive assembly is connected to the crankshaft for rotation in unison therewith. The transfer function provides a substantially linear region at a center of a corresponding error window, including a first step size in the center of the error window and at least one other step size in a peripheral region of the error window that is larger than the first step size.

1459828219-158f102c-3410-4ba7-88d9-a7ce5db2aef9

A stacked electrical connector includes a first insulator and a second insulator mounted together. The first server computer may include a search engine and the first response may be a search result from the search engine. Between the retaining element and the bottom unit a gap is formed.

1459828219-1a12547f-6332-4d1d-bc34-f84b3d37c9e6

A field effect transistor that includes a drain formed in a first plane, a source formed in the first plane, a channel formed in the first plane and between the drain and the source and a gate formed in the first plane. The memory cells of the memory device can be selectively addressed for a writeread operation and the sense amplifier system is used for readout of polarization states of the memory cells. The first hollow portion may be on one end of the generally cylindrical body and may define a generally cylindrical hole. Several vents each extend zigzag from the top surface to the bottom surface. Other instruments such as optical fibers may be incorporated within the device. This has caused the problem of a risk that the stored fingerprint information leaks to the outside, as well as the problem that the use of the image processing systems is limited to those who have registered their fingerprint information.

1459828219-7ff14c7d-dbdb-423d-b0c6-eb2f2a0cf04a

A method and system for transmitting messages in a communications network is disclosed. A source region is provided at one side of the gate trench within the semiconductor substrate. The optical multiplexerdemultiplexer includes a multiplexingdemultiplexing filter serving as a long-pass filter. The memory may include at least three databases. The hydrogel is particularly swellable in water, e. The system includes a first transistor coupled to a first voltage and a second voltage, a second transistor coupled to the gate of the first transistor and the first voltage, a third transistor coupled to the gate of the second transistor and the first voltage, and a capacitor coupled to the gate of the second transistor and the second voltage.

1459828220-5dd8d663-d116-4430-87a1-6bdd61928a5a

The present invention is directed to substituted 3-aryl-5-aryl-1,2,4-oxadiazoles and analogs thereof, represented by the Formula I: wherein Ar<sub>1</sub>, Ar<sub>3</sub>, A, B and D are defined herein. The downstream end of the flared bowl includes a divergent with a double partition delimiting an annular cavity. A magnetic transfer apparatus that includes magnetic field applying means having magnetic poles that extend from the interior to the outer periphery of the conjoined body, and rotating means for relatively rotating the conjoined body with respect to the magnetic poles is employed. Operating the memories in both a \u2018flipped\u2019 mode and a \u2018non-flipped\u2019 mode helps cause the Bias Temperature Instability degradation to be symmetric, thereby not degrading the Static Noise Margin

degradation of the cells. By employing as the preamplifier a differentially operating preamplifier, the circuit obtains in relatively simple as well as cost-effective fashion at the same time a high level of common-mode signal rejection and a substantial suppression of the low-frequency components in the differential signal occurring below the measuring frequency. The second frame has multiple first scan-line groups in relative darkness and multiple second scan-line groups in relative brightness, which are alternately displayed.

1459828220-c9b089df-8331-4f69-88c5-08ae914d4f76

Collapsible container comprising a bottom element with openings at the corners for disengagable attachment of two opposite gable walls. Reservoir fluids from a reservoir intersected by the wellbore are characterized based on the composition and isotopes of the injection fluid and of the production fluid. The arms include retaining structure for retaining a splice element in both of either one of an upper region and a lower region of a channel. A differential pressure generating mechanism is connected to the housing.

1459828220-fbc25dde-e6c1-4fc8-a8d4-d23337afc7d8

An automated machine tool with a workpiece carrier for receiving a printed circuit board, at least one drilling station for processing printed circuit boards, and a mechanism for sequentially applying individual printed circuit boards onto the workpiece carrier and for removing printed circuit boards from the workpiece carrier. The disk drive further includes first and second disks disposed about the spindle motor hub. The method includes applying, by the data access layer, a mapping module to the object request to access object data associated with the object request. The schema builder is a table driven interface that converts the schema elements in the XML document into DTD objects. The preview web application dispatches the request to the live production web application on the live production server. The destination cache directory determines a target node based, at least in part, on its cache coherency status information to reduce memory access latency by selecting a target node where all or some of the operands are valid in the local cache memory.

1459828221-029fa05a-be97-4055-ab43-7fbafafc3122

Broadly this invention provides an inbred corn line G4901. In accordance with an important aspect of the invention, damage to relatively fragile structures, such as submicron dimensioned structures on semiconductors are minimized by utilizing an adhesive tape to peel off undesired metal in close proximity to submicron dimension structures. The layered structure also comprises a spacing layer electrically isolating the first conducting layer from the second conducting layer. A length holding unit stores, for each page, plural pixel counts, the pixel counts representing respective numbers of pixels in rows of pixels spaced in the sub-scan directions, which pixels represent the image data for image formation. The method includes steps of producing a first control signal activated at a data update mode in which a read or write operation is executed, and determining in response to the first control signal whether the read or write operation is executed for the same page or a different page. Further, a drive device is such that the connector device is attached to a printed circuit board having a circuit unit configured to control an object to be controlled.

1459828221-133bfdd7-e0fd-435d-b446-1f66c37a9755

A method, computer program product, and computing system for receiving a read request on a first cache system, wherein the read request identifies previously-written content included within a data array. The first and second meniscus control features may be substantially coplanar with the die attach pad. The output shaft of the drive-motor and the input shaft of the transmission are coupled together such that, during normal operation of the drive-train, rotation of the output shaft of the drive-motor results in a proportionate and uninterrupted rotation of the input shaft of the transmission.

1459828221-8acc8e27-51b9-4777-ab57-e0833d96c28f

A thin-film device incorporates a device main body and four terminal electrodes. The client terminal includes a plurality of interfaces to the IP distribution network, the interfaces configured to receive media packets according to multicast, unicast, and peer-to-peer media distribution protocols. Then, responding to a color temperature set and a brightness set from the control device, a first PWM and a second PWM is generated. The first structure and the second structure are connected to each other at a joint. The first attachment portion is detachably attached to the first operating unit by a first adjustable connection. The frequency of the output clock can be tuned dynamically according to the first overflow signal, and the spectrum of the output clock can be spread.

1459828221-b8c8c88e-4417-4562-bf97-38c57e32696d

Systems and methods for dynamically controlling a tuner are provided. The first step provides for a fine channel selection and upconversion of a desired channel to either positive or negative IF. In this configuration, the wash-out in the warning display unit, i. An active silicon layer is formed overlying the insulator and trench, with a gate oxide layer over the active Si layer.

1459828222-4e9ef00c-6a1a-4258-ba0c-008d74077d3c

Broadly speaking, an invention is provided for monitoring a plasma optical emission. The dosimetry plan is available in near \u201creal-time\u201d because of the novel geometric model construction of the treatment volume which in turn allows for rapid calculations to be performed for simulated movements of particles along particle tracks therethrough. A user can attach modular tags that are intuitively recognizable as performing a particular function, such as a color change, font size change, font style change, highlight operation, and application program initiation.

1459828222-524339f7-27ba-472b-914b-e3f22ffee581

In one embodiment, the present invention includes a method for determining if a frequency control instruction would cause a first capacitor bank to reach a limit and adjusting the first capacitor bank in a first direction using a calibration value and adjusting a second capacitor bank in a second direction if the first capacitor bank would reach the limit. A navigation layer is provided within a web browser application to enable pre-processing of a markup language within a web page retrieved from a web server. A general purpose operating system is booted on the second partition. The content provisioning application is configured to access the user database to identify a user, determine rights of the user from the user database, and send a user interface to a client computing device that provides user interface items corresponding to the rights and associated links of the user. the boehmite particles are made up of mainly anisotropically shaped particles. The circuit board has a plurality of through holes penetrating through the electric circuit layer and the heat-conductive layer of the circuit board, wherein each of the through holes is filled with heat-conductive material.

1459828222-664e713d-c53b-40af-b1b9-3e2778f8a28a

Optimized designs of heat exchangers, and, in particular, heat exchangers and assemblies comprising multi-exchangers or combo coolers comprising different heat exchanger parts or elements, and fins or separators of different types and/or characteristics on the different tube parts of the heat exchanger results, are disclosed. Each toy character has one or more one or more electronic signal receivers, and an electronic system. The wheel set includes front and rear wheels disposed respectively on the front and rear ends of the bicycle frame. The hydrogen reacts with a catalyst formed on an anode electrode at the hydrogen side of the channel to release hydrogen ions which are absorbed into the PEM. Further, the connector is grounded through the metal elastic piece and the metal casing so as to actuate the circuit of the memory card. The light-receiving element whose light-receiving surface is in substantially contact with the ridge portion detects as the

ridge portion a bright portion where the scattered light emerging from the finger reaches at a high intensity.

1459828222-dfa9a9e8-4cf9-4254-9494-63d8b722b8fe

The present invention provides delivery systems for and methods of delivering conduction protein genetic material to cardiac cells in localized areas of the heart to improve the conductance therein. Each vane has a projected part that is positioned close to, and projects toward, the intermediate transfer belt. The tool has through-holes supplying the mist to a cutting blade portion.

1459828223-1de00344-14de-4027-b297-8ff56d923cea

A parcel shelf structure in a rear area of a vehicle body includes a parcel shelf disposed between first and second rear cross members. The controller includes a pre-processing block for receiving data frames and a frame processing unit coupled to the pre-processing block. At least one load cell can have a first end that is supported by the stem head adapter plate and a second end that engages the upper ring. In some embodiments, the envelope generator may be configured to encapsulate the payload portion such that packet boundaries may be identified. By applying a voltage difference to the metal wire and the monitoring ramp terminal and measuring the resulting current flowing through the metal wire and the monitoring ramp terminal, it can be determined whether localized metal precipitate is formed at the metal wire. If a position of an apex of the first rectangle area farthest from a reading reference position and a size of the first rectangle area satisfy predetermined conditions, image data corresponding to a second rectangle area including the first rectangle area and the reading reference position are output.

1459828223-399291ef-6f96-443d-b780-82ca6b3819a8

A differential assembly includes an electrically operated input device and a first planetary assembly in driving engagement with the input device. The serving base station is configured to perform mobility optimization in the minimization of drive test accordingly for improving handover success rate and overall network efficiency. A thin film stack color filter is further disclosed, which can be designed to either function as a transmission color filter with efficiency twice that of conventional colorant based color filter; or as a reflective color filter for display devices.

1459828224-0aad2051-9986-4456-b011-e89ff9fffd59e

A dual-energy x-ray detector includes a plurality of x-ray detector elements that detect x-rays that are generated by an x-ray source and that have passed through an object. A flexible boot extends from the plug to seal the prongs and contacts from moisture. During the first stage of injection, the flow to the nozzle only goes through a restricted orifice. The imidazole carbene salts disclosed include those synthesized by reaction of imidazole carbenes with an acid or alcohol suitable for creation of a salt. The photographs are cataloged in the server according to the identifying data and can be subsequently ordered using the server which is typically an Internet web-site.

1459828224-268f160c-d804-4b07-bb99-3d50104b46ab

A sighting device, for use by a golfer while standing on a ground surface and gazing at a golf ball upon the ground surface at a natural viewing angle, and hitting the golf ball. Generally, the apparatus includes a double wall plating vessel having an inner cup and an outer cup peripherally surrounding and spaced apart from the inner cup. In exemplary embodiments, the matching algorithm accounts for common variations in student names and geographical distances between secondary institutions and the student's current known address to generate higher confidence matches. Instructions within blocks are moved to predecessor blocks when there are no dependencies on the instruction to be moved, and when the move results in greater opportunity for instruction level parallelism. The invention pertains to radiation-curable compositions which contain, in addition to typical components of



radiation-curable epoxide and oxetane compositions, a free radical photoinitiator.

1459828224-3b58ad20-558e-4c60-9e07-c23fde98b7c0

Disclosed herein is a nanostructured material comprising carbon nanotubes fused together to form a three-dimensional structure. There can also be a tubular extension. The first structure reflects optical radiation in a first direction substantially orthogonal to the plane. The redirectionreassignment occurs according to a function within the cache to which the request is directed so that the switch remains freed from additional tasks that can compromise speed.

1459828225-005e9e90-459f-46c3-91cb-b44431a3f524

A dual-function padlock includes a lock body, a numeral detent unit, a U-shaped hook, a hook member, a numeral unlocking member, and a lock core unit, providing a simple configuration. At least three current controlling means are coupled to each other to form a symmetrical configuration and receive input signals from said first and second loading means for minimizing variations in the oscillation frequency of the VCO. The meta-information is added to contents transmitted to the client terminal before the contents are relayed.

1459828225-255ed21b-0094-409b-b4fd-9e25ca2d84a5

In a process for automatically determining the modulation transfer function of a focal plane array cameras, a test grid is used to generate a beat whose amplitude corresponds to that of the grid image to be measured, without the sampling MTF. Data to be incorporated into the specification is stored in a database. The second environment authenticates and initiates the policy and role provisioning environment as a virtualized federated role provisioning service or a shared policy decision point service.

1459828225-9f2e3142-cfb1-4418-a56a-45752b43212d

An apparatus and method are disclosed that may include a contact pin; and a plurality of loops of conductive wire, coated with insulation material, disposed in proximity to the contact pin, wherein along at least one portion of the conductive wire, at least one edge of the contact pin extends through the insulation material and thereby forms conductive electrical contact with the conductive wire. The mold comprises a compartment having a compartment floor and a depression extending downwards from the compartment floor. Speed and memory enhancements are realized by establishing an activation stack frame template with a set of criteria. An amount of the first set of drops of fluid to perform the printing routine and an amount of the second set of drops of fluid to perform the service routine may be less in the low consumption state than in the normal consumption state. A thermally conductive, but electrically insulating, spacer of essentially the same thickness as the laser diode or bar surrounds the diode or bar to prevent mechanical damage while still permitting the conformable material to be maintained in a compressed state and directing current through the laser device. A communication unit communicates information with the external device through the interface selected by the selection unit.

1459828225-d605c91a-6bae-428b-972f-779be46679ec

Embodiments of the invention provide a programmable FSA building block, having a number of programmable registers and associated logic implemented therein, that provide the capability of contextually evaluating complex REs of arbitrary size against multiple data streams. The coil winder includes a brushless DC motor, a single chip for controlling the DC brushless motor and a digital display screen. Subsequently, some of the buffered data is maintained in some, but less than all, the segments of the buffer. An opening value is sent to a control part, and X-rays irradiate a subject P on an irradiation condition of a tube voltage and tube current based on the correlation table. By continuously sensing and updating the relative physical distances and orientations of each device to one another, the devices show the user a view into the 3D content that is spatially correlated. In

this regard, the method, apparatus and computer program product do not blindly provide information regarding a neighbor cell that the current cell has already collected, but, instead, first determines if the neighbor information regarding a prior cell is different than and therefore will add to the information regarding neighbor cells that is already maintained by the current cell.

1459828226-00e019de-b309-42c1-93d3-49a78d42d2eb

An apparatus for estimating a timing offset of each of orthogonal frequency division multiplexing symbols that are fast Fourier transform -processed. The laser enhancing additive comprises a first quantity of least one of copper potassium iodide or Copper Iodide, and a second quantity at least one substance selected from the group consisting of zinc sulfide, barium sulfide, alkyl sulfonate, and thioester. The elastic layer is bonded to the surface of the nonwoven fabric such that the elastic layer forms a stronger bond with the first bonding zone on the surface of the nonwoven than the bond formed between the elastic layer and the second bonding zone on the surface of the nonwoven. The methods described herein are applicable to a variety of printers, including raster and PDL printers.

1459828226-85cf0b4d-fdf6-49f7-976d-b713818d05db

A method, performed by a transceiver, is described. The invention further relates to the use of cobaltoxidehydroxide thus prepared in the preparation of catalysts or catalysts precursors, especially catalysts or catalyst precursors for the conversion of synthesis gas into normally liquid and normally solid hydrocarbons and to normally liquid or solid hydrocarbons, optionally after additional hydrotreatment, obtained in such a conversion process. In addition, the method includes applying defect detection method to the stored output corresponding to the first portion of the physical locations to detect defects at the first portion of the physical locations and generating a wafer inspection process based on the defects detected by the defect detection method at the first portion of the physical locations. The size and the data rate are based on the channel quality information. In one alternative embodiment, when unlocked, the bolster automatically swings open to the predefined operating angle. Many aspects may also be used to track other objects such as hotel keys.

1459828226-afba3f9e-1895-4288-ae87-7fce5d363771

A vehicular lamp used for a vehicle, includes a semiconductor light emitting element for generating light to be emitted by the vehicular lamp and a current controlling unit for changing a current supplied to the semiconductor light emitting element based on the speed of the vehicle. A substantially U-shaped first aperture is formed in the tip portion, with an open end of the first aperture opening toward a central portion of the board. Individually controllable light sources are included where each light source is arranged for activating one electron source. In its storage position the duct member obturates the discharge opening and extends over the top of the container.

1459828227-34c1ec11-5e25-4df6-8f1b-237c1340622a

The pharmaceutical preparation useful for treating a skin or mucous membrane lesion is provided. A JPEG expansion section expands image data of the image file by MCU. A nozzle directs a flow of cooling fluid onto the fins and is disposed above the base plate and below the top extremity of the fins. Still further provided by the invention are methods for producing soybean plants by crossing the soybean variety A1026332 with itself or another soybean variety and plants produced by such methods. The body part also includes flocking coupled to at least a portion of the surface that adjusts an aerodynamic characteristic relative to the surface that is devoid of the flocking.

1459828227-b7a5888d-bb57-4984-bc90-4578668273b7

The present invention provides a compound of general formula A, useful as potential antitumour agents against five human cancer cell lines. A DC bias circuit is used

for controlling the operation of the amplifier. A surface feature is formed in the tube wall proximate the exterior. The locking assembly locks the position of the electrical contacts and restricts access to the actuating assembly. We also present algorithms to retransmit lost packets, to maintain the overhear table and to compensate for the retransmission of packets of other nodes. A game server data storage can be in communication with the game server processor.

1459828227-ca77e7a4-0362-42e6-8d84-3a275e8b972f

A flexible slide joint is provided for accommodating axial, rotational and angular misalignments between two fluid conveying members. More specifically, according to a preferred embodiment, management behavior is controlled by management policies that specify management actions to be performed for managing a communication network, for example. The semiconducting device further includes a first wire that is bonded to the substrate and to the interconnect device and a second wire that is bonded to the interconnect device and to the die. Due to N2 plasma process, a nitrogen layer is formed at the interfaces between the dielectric layer and the undoped polysilicon layer.

1459828228-3b445b01-55d5-4de8-baae-3f8870924c49

A transfer client system exchanges files with a transfer server over an open network such as the Internet. Fixing the two opposite sides of the CNT film on the first electrode and the second electrode, the CNTs in the CNT film extending from the first electrode to the second electrode. The PM client module may obtain call statistics data and issue tracking data from the PM database via the PM display data module.

1459828228-5aa74b88-d9e9-4119-b79c-012808274088

A rotary circuit selection device having a driving cam and an operating cam, each having a series of alternating peaks and valleys. The information may be any digital information which can be stored in a computer file. The IF circuit receives an IF input signal and a flag signal and generates an IF output signal for application to a slave circuit, wherein the IF input signal is based on the master output signal, and the interface circuit generates the LF output signal either dependent on or independent of the IF input signal as indicated by the flag signal. The impregnated liner is suitable for pull-in-and-inflate method of installation or may be everted. Thus, the pixels can be driven with fewer data lines than with known arrangements.

1459828228-692ac7f6-76c6-4a87-99c3-299317826b53

According to the present invention, computer based techniques for using information technology in therapeutics or drug discovery. This disclosure is further directed to a coating composition comprising components derived from renewable resources. A subset of destination address bits may be used in the first stage to hash to a selected partition for the second stage.

1459828228-6d1c547f-930d-425e-ba1b-ebd33b2a1a16

A floating gate is provided in the form of two separated parts in one memory cell to allow each of the floating gates to be individually programmable, thereby enabling the integration to be doubled in the same memory cell as compared to the case in which a single floating gate is provided. The system comprises a core array having a plurality of columns and a redundancy column each configured for reading or writing a bit of information and circuitry for steering around a defective column in the core array, wherein the circuitry includes one column multiplexor, which results in having the memory column redundancy scheme include one multiplexing stage. A stress layer overlying the transistor array produces stress in a channel region of the transistor.

1459828228-d7363bd5-fcd5-406e-8635-b95b7d027c5f

A shimless aligner for insertion between a machine foot and base to align the foot

relative to the base, which foot and base are secured together by a hold-down bolt extending between the foot and base. The reed is mounted on an air inlet end of the inner tubular sound chamber, and an air outlet end of the inner tubular sound chamber extends into the outer tubular sound chamber. These constructs are useful for modifying microbial strains to improve production and recovery processes for polymers such as intracellular proteins, such as enzymes, growth factors, and cytokines; for producing polyhydroxyalkanoates; and for producing extracellular polysaccharides, such as xanthan gum, alginates, gellan gum, zooglan, hyaluronic acid and microbial cellulose. Different radiation parameters such as the reflectivities  $R_s$ ,  $R_p$  and ellipsometric parameters may be used in measuring the diffracting structures and the associated films. Such chains also include means to drivingly engage sprocket teeth of a sprocket drive. The LED modules are located between the second fins.

1459828229-6481e7f4-11cb-44f5-b5fa-4ebf11f83c99

A CCFL driving system for multiple CCFL loads includes a transformer, a CCFL circuit, and a controlling circuit coupled between the transformer and the CCFL circuit. A stiffer more upright and more compact growth habit is displayed. Each crossbar is operable in a first or stowed mode axially aligned with a siderail and in a second or carrying mode laterally spanning the space between the side rails. In the second mode, a program that has been reproduction restricted is prohibited from being reproduced.

1459828229-7c166f9f-66c3-49ed-a829-2e4c471099c9

There is provided a composition for healing burns and wounds in mammals, which contains a cromolyn compound or the combination of a cromolyn compound and hyaluronic acid a corticosteroid. On the first element hologram, main data is recorded such that the main data is converted into a two-dimensional image, object light of the two-dimensional image is interfered with recording reference light, and an interference fringe produced as a result of the interference is recorded on the first element hologram. The UE terminal includes a first power control module for controlling a first transmission power to be applied to signals used for communication with a base station. A lumber support in the bin has an elevator mechanism and can be lowered to a discharge position in which lumber on the lumber support can be carried away by the conveyor. As the slope decreases, the rail is narrowed to the same effect.

1459828229-88afc09c-47c7-4187-a49b-8295969f163f

Methods of treating a subject for a cardiac arrhythmia are provided. The plug is comprised of at least an expandable inner core having an outer surface and a transportable outer skin that preferably substantially encapsulates the core. A baseband processing circuit processes baseband signals output from the first and second mixers.

1459828230-1dca124a-f6ec-4a83-9490-00ef581ddd74

Programming language constructs called pronouns and referents, and a method, system, and apparatus for translating computer source code that contains the pronouns and referents. The top plug and bottom plug are launched by different mechanisms, thereby preventing premature release of the top plug during a cementing operation. In group operation, the lifting devices are jointly controlled through the bus by one switch. The prepolymer includes a polyester-based monomer. When handling a request to invoke a operation on an object, the system dynamically dispatches to the correct provider based on this mapping. The invention is to solve the problem of high viscosity without changing the characteristics such as particle size and specific surface area of the copper powder obtained by a wet reduction method.

1459828230-23bc0375-e59c-4ca2-853b-35e5620b0b3e

A method for specialized photofinishing goods and/or services produced from a one-

time-use camera, including providing a label on the one-time-use camera, with at least one area containing first instructional information, that identifies particular photofinishing goods and/or services to be applied to images captured by the one-time-use camera. The three-dimensional imaging system for robot vision comprises one or more camera systems, each of which has at least one variable focal length micromirror array lens, an imaging unit, and an image processing unit. The complex interacts with the evanescent field and emits light that the detector is positioned to detect. In a third embodiment, content is distributed on demand after the publication time by a media distribution server. The cable connector plug has good mechanical strength and stability.

1459828230-37a88141-904f-4231-878c-2bdc4c47f054

An extension rod device working with a fixer for handheld, portable, mobile devices, and includes a rod body whose two ends are detachably attached with a positioning frame and a securing member. The device and method may include a scanning mirror, a plurality of input optical fibers, a plurality of output optical fibers, and at least one sample optical fiber optically connected to a photodetector. The orbital sander further includes a fan having non-uniformly spaced blades, eliminating the need for a conventional counterweight, and a dust outlet adapted to be alternatively connected to a dust canister or alternate size collector vacuum hoses. All correlation coefficients are obtained among the given discrete stochastic variables and the additional discrete stochastic variables. The lagging cable end of the cable section is supplied to the second crimping station for assembly with a crimping contact. The treatment is safe and improves ejection fraction.

1459828230-7e2b3141-2ad9-494b-9693-bb1d531a9721

The invention relates to a method for devulcanizing a sulphur-cured rubber, which rubber contains a network of a polymer, which polymer has a main chain of carbon atoms, in which for the vulcanization per 40 carbon-carbon bonds in the main chain a maximum of 1 unsaturated carbon-carbon bond occurs, by heating the rubber in the presence of a devulcanizing agent. The direct memory access controller includes first and second registers storing various values that are used to set the parameters of DMA transfers that take place during a single data transaction. The invention also relates to a kit for separating such materials. In addition, a gram load of the suspension is reduced to minimize the friction force during contact of the TE with the disk such that when the TE portion of the slider contacts the disk the bouncing motion of the TE with respect to the disk is reduced.

1459828231-435b5383-691c-4912-adad-b6e3b81eacf6

A system and method are disclosed for controlling access to goods or services. The butted junction includes an overlapping region formed in the bulk substrate by overlapping the mask windows of the ion-implantation masks used to form the back gates. The Z-height is defined as the distance between the two interlocked members.

1459828231-a80e8a15-a76f-4828-bec5-29fae38a7dff

Apparatus for processing image data is provided, comprising first storage means, processing means and manual input means, wherein said first storage means is configured to store said image data and said image data includes a plurality of components defined by a hierarchy of data processing nodes, and said processing means is configured to process each of said nodes in turn. Embodiments include depositing a UV opaque Si-rich silicon oxide layer having an R. Portions of the lead frame extending from the die paddle are folded around sides of the encapsulated integrated circuit die and over, or adjacent to and level with, a peripheral upper surface of the encapsulated integrated circuit die to form an electrostatic discharge ring. A terminal may receive the broadcast metadata prior to or with the broadcast information, obtain location and time criteria from the broadcast metadata, and filter the broadcast information based on the location and time criteria. The gate stack structure then undergoes a siliciding process with

different variations to finally form a silicide gate.

1459828231-b37d35a7-5e40-44aa-990c-c3f3c259197a

A support leg system and method for supporting a dock leveler. The methodology includes inserting an apparatus within the pipe and moving the apparatus at a predetermined speed through the pipe. This variety was developed by mutation breeding and propagated by seeds for commercial cultivation. The processor can be programmed to produce an oscillating processor signal which is used to produce a corresponding oscillating power signal to ignite and/or sustain ignition of the lamp. The portal may match the phrase to a set in a particular group of sets identifying content across common schemas. The apparatus includes an elongate dilation member including a radially expandable member having a first cross-sectional area; and an elongate expansion member including a tubular element having a second cross-sectional area which is larger than the first cross-sectional area.

1459828232-2cba7801-24c3-4918-8ea3-288700db114c

A capacitively compensated voltage regulator, adapted to be supplied with power from a voltage supply, and having an input port and an output port. The Node Bs transmit dedicated channel data including a first TFCI bit to the UE over dedicated channels. The index summary is utilized for evaluating a path-based query. In operation, incoming refrigerant from the system is simultaneously and continuously directed to the opposing piston heads wherein the forces of the pressurized refrigerant on them counterbalance or neutralize one another. The blood storage element is preferably positioned in parallel with the pump so that the pump may be used to add and remove blood to and from the blood storage element.

1459828232-43fb400b-8515-418e-b6cb-0e5f772de6c4

A video processing chip capable of adjusting aspect ratio and a method of displaying an image thereby are provided. Optimal values for a twist angle of a liquid crystal layer, an angle between a transmission axis of the polarizer and a slow axis of the first retarder, an angle between the slow axis of the first retarder and a slow axis of the second retarder, and a product of birefringence  $n$  of liquid crystal material used in the liquid crystal layer and a thickness  $d$  of the liquid crystal layer are evaluated. Next, a protective layer is formed over the image sensor die. The status daemon is configured to determine the operational status of the processes.

1459828232-8c3989eb-967c-43a7-9920-fb40b413fab1

An access hatch reinforcement module and a method of assembling an access hatch to an existing engine compartment hood of a vehicle. The surface acoustic wave duplexer includes a transmitting SAW filter coupled between the antenna terminal and the transmitting terminal, a receiving SAW filter coupled between the antenna terminal and the receiving terminal, a common piezoelectric substrate on which both of the transmitting SAW filter and the receiving SAW filter are formed, a package covering the common piezoelectric substrate. The switch has an operating handle arranged between the facial cap and the handle of the sprinkler. Each image sensor die may include through-oxide vias that extend at least partially into a corresponding DSP die. The \u00b3PGA conjugates elicit an effective immune response against S.

1459828233-a464b714-3c83-4318-b949-f06649448fcf

A source virtual machine hosted on a source server is migrated to a destination VM on a destination server without first powering down the source VM. The diffuser membrane permeability and the pressure conditions across the membrane are chosen to minimize variation in gas flow velocity through the membrane during the vent-up cycle. The system further includes at least one refracting surface disposed to intercept energy from the plurality of apertures and a reflecting surface to direct portions of the intercepted energy back through the at least one refracting surface and back toward the plurality of apertures. the supply pressure, can be monitored.

An HDD stores the classified program information, and a display displays categories defined by the stored classification criterion horizontally on a monitor screen in a selectable manner and displays only the program information categorized in a selected category vertically on the monitor screen in a selectable manner. The second chamber is maintained at a pressure lower than the coating region.

1459828233-c67da4d6-9a54-498a-b06a-cb83890311da

A body for a mobile device shaped like a sleeve is closed on all but one side and configured to receive an internal body including electronic components through the open side. The main casing includes a first side plate having a first primary portion extending in the array direction, and having a first positioning portion and a second positioning portion spaced away therefrom in the array direction. The calling application also receives user queries that can be resolved by a widget. In another example, intake air flowing in a second direction may be heated via a heat exchange with exhaust gases in order to cool an exhaust catalyst. The compounds of the present invention have improved GlcCer synthase inhibition activity and are therefore highly useful in therapeutic methods for treating various conditions and diseases associated with altered glycosphingolipid levels. The catheter is formed of semi-rigid material and has at least a ninety degree bend.

1459828233-d82876a6-b191-4207-b6af-4bf79c7b1c4e

The present invention aims to provide a slot antenna, an electronic apparatus, and a method for manufacturing a slot antenna which are capable of obtaining multiple resonances with a small mounting space. An interior of the door and side part of front face of leading car are connected pivotally by an upper arm, lower arm, and first link bar so that a parallel linkage is composed, thereby enabling horizontal movement of the door. To this end, the invention provides that the cover consists of an endless helically wound pile strip whose edges are interconnected by an endless helically running seam without forming a step that disrupts the cylindrical outer contour. Al wiring or Au wiring is bonded with the pads.

1459828234-52cb5aad-74a0-4fa7-89b4-3a7ab2830eb0

A printed circuit board comprising a hard portion of at least one main hard PCB, and at least one secondary hard PCB; and a flexible portion to connect the main hard PCB to the secondary hard PCB both physically and electrically and enabling the secondary hard PCB to move in relation to the main hard PCB. The second waveguide has a sensor portion that senses the spacing and directs light representative of the spacing to the second waveguide's output end. The conductor assembly also contains a magnetic shield located above the flexible conductor; the magnetic shield contains an antithrombogenic composition. Alternatively, the support may comprise a single curved support surface. The time necessary for supplying the temperature-controlled gas from the thermoregulator to the optical axes of the X- and Y-axis laser interferometers through the fan duct is equal to the time necessary for supplying the temperature-controlled gas from the thermoregulator to the wavelength compensator through the fan duct.

1459828234-6d93bd19-4cdf-4d9d-9a59-294d9a657dcc

An excited frame vibratory conveyor is described and which includes a base frame; a motor mount made integral and with the base frame; a pair of vibratory motors mounted on the motor mount; and an electrical circuit for energizing the pair of vibratory motors in a fashion which reduces movement of the base frame in a vertical direction. The present invention ensures execution of MIP Registration process after Re-Authentication. Each of the end heads 28, 30 includes a pair of casters 40 mounted to the bottom surface of the end head.

1459828234-f387ab2e-c69e-480d-93de-b55a99af0ab0

This invention relates to an expression vector wherein said expression vector comprises a polynucleotide promoter sequence, a polynucleotide encoding a signal sequence, a polynucleotide encoding an antigen protein or peptide, a polynucleotide

encoding a cell binding element, and a polynucleotide polyadenylation sequence all operatively linked. The source line driver section generates a second drive signal of the source line based on the output from the second DAC, and then generates a first drive signal of the source line based on the output from the first DAC within one horizontal scan period. A press set-up device extracts from the plate image the color characteristic and provides ink flow set-up data to a printing press in accordance with the extracted color characteristic. The changing over units are changed over between at the time of reading image data and the shading correction in the first draft reading mode and at the time of reading image data in the second draft reading mode. The etching gas may also include additional gases such as inactive gases or gases that include the elements H, O, F, He, or C. Each device in the system receives the message and determines whether the device is a participant in the scene.

1459828235-cb5bee6c-065b-4d59-a438-9b97e8ae2dc4

A microscope optical system comprises an objective lens and an intermediate magnification varying part disposed just after the image side of the objective lens. The interconnect has a metal grounding layer of typically stainless steel or copper metallized stainless steel, a metal conductive layer and an insulative layer between the metal grounding layer and the conductive metal layer. An embodiment consistent with the present invention includes an ocular micro tremor sensor and associated signal processing hardware and software for clinical analyses. Once formed the components of this fence system can be bundled in easy to ship sets for assembly in the field. A pixel electrode is provided at a pixel area defined by each intersection between the gate line and the data line and is connected to the thin film transistor. A controller is programmed to detect when an electric jack motor has driven a jack to a jack stroke limit by monitoring one or more jack motor power draw characteristics and comparing those values to known values associated with the driving of a jack at or near the end of a jack stroke.

1459828236-756ae01f-1503-422b-8992-75b2fcd6ba71

An audio system with a removable faceplate. A substantially uniform backlighting of the component can be produced, even when direct backlighting is partially blocked by structure used to support the component during inspection. The side portions preferably taper away from the air bearing surface by an angle of 20 to 45 degrees. At least one further discovery data packet directed at least to said virtual device is received. Algorithms in the transponder are used to determine the frequency deviation and for calculating the direction of the slope of the LFM input signal. In another embodiment, the perimeter portion of the heat spreader is selected from material with a lower CTE than the material for the center portion of the heat spreader.

1459828237-04c3c6ee-8d79-4f9d-8ff8-1e6914e1d3dd

A display device includes a display panel having opposed first and second substrates with the second substrate being arranged closer to a viewer, an upper polarizer which is arranged closer to the viewer than the second substrate, and a resin film which is arranged closer to the viewer than the upper polarizer and is in contact with the upper polarizer. A first conductive layer is formed on a semiconductor substrate, and an insulating layer is formed on the first conductive layer. Related single-clamp needle grasping devices can be bent plastically by a surgeon, and/or have bodies that are grasped by a hand while a portion of the hand actuates a handle.

1459828237-5bee36f5-2b00-4216-a450-f1d21579003d

An electronic device has hold parts constituting respective right and left side parts of the electronic device 1 and being available to be held by a user. The slotted golf club head having: i. The carriage is capable of moving. The network element terminating the tandem connection generates an alarm report including the failed link as indicated by the failed link identifier.



1459828237-8ea56af3-dab1-4dc3-82ad-ecb94524aa03

An electrical connector comprises an insulative housing, a contact set assembled into the housing, a shield enclosing the housing, and a pair of latch devices assembled to the housing. The present invention also provides a method for fabricating the heat dissipating package structure. In a preferred embodiment, the information device is a mobile device such as a mobile telephone, the audiovisual representation comprises a graphical representation such as a bar code that is displayed on a display of the information device, and the bar code representation is captured at the local device using a bar code scanner. If the belt resistance is increased, the timing is advanced and the current is increased. Preferably, a thickness of the semiconductor buffer layer is selected to compensate for over-etching due to non-uniform etching on a semiconductor wafer on which the electronic device is fabricated. The invention can ensure both the authentication success rate and the authentication security.

1459828237-98b906f2-21cc-4370-8855-4a148e9d5f94

A right-angled connector comprises a subassembly including an electrically conductive member or ground shell having a longitudinal section and a transverse section. The system assigns a novelty score to each document based on the determined amount of novel content. A conductive pillar is formed over the first area of the first conductive layer. The method includes determining a first level of activity of the desktop session. , removal of the solvent used in the solution polymerization, and dissolution of the polymers in water to give from 50 to 80% strength by weight solutions, with polymers containing acid groups being neutralized if desired.

1459828237-a11e9375-a54e-40ae-8774-f1cec437e31c

A marking device for marking the location for a support for a mountable object, such as a picture frame, has a body with a compressible or collapsible configuration and adhesive for removably attaching a back face to a backside of the mountable object. For example, an example embodiment may generate a game board on a first client device and a second client device. An InAlAs modulation-doped layer having a relatively wide energy band gap is formed on the quantum wire as a low-mobility channel. The system determines a value similarity measure from the first and second set of order preserved obfuscated substrings. The circular cycloidal mass spectrometer may be structured to provide, under the influence of the electric field and magnetic field, a path of travel for the ion beams, which is similar to either epicycloidal or hypocycloidal curves.

1459828238-947c30f8-842b-41de-a2bb-88c12cd4ec4d

A catheter assembly for delivering an endoprosthesis within a body lumen. Pins extending from the rigid portion of the actuator contact guide surfaces on the latch body to limit travel of the actuator. The device for deactivating the RFID portion of an identification tag provides visual indication that the RFID portion is deactivated. In an illustrative embodiment the clock generator comprises a variable-frequency clock source, and a voltage regulator senses an output voltage of the charge pumps, generates a reference voltage based on a currently selected frequency of the variable-frequency clock source, and temporarily disables the charge pumps when the output voltage is greater than the reference voltage. The method also includes determining, by the processor, a delay time of virtualization on the server based on the reference IO service time and the actual IO service time. In one embodiment, the method comprises maintaining an embedded log in the device, the embedded log being a chain of log entries.

1459828239-287bbbfb-2392-420e-afeb-5f54d3bb022d

Methods, apparatuses, and systems for file migration in distributed systems. An interference-suppressed signal is composed from the first and second symbols. The invention encompasses golf balls having an inner core, an outer core, an inner

cover, and an outer cover wherein the inner core is encased by an outer core wherein the outer core has a volume greater than the inner core, inner cover, or outer cover and the inner core is made of a material substantially free of fillers. A disk subsystem is releasably coupled to the at least one IO module and positioned within the IT enclosure. Greater vertical front wheel travel is provided for improved ride comfort and stability over rough terrain. This invention also provides different uses of the subtracted library.

1459828239-9586630a-a100-4450-8a0b-6cd190febef5

A method for promoting an electronic database-driven gift registry includes issuing one or more database access keys to an organization having one or more members, and providing an incentive for the one or more members to register with the gift registry by initializing respective of the database access keys with a database associated with the gift registry. The fiber processing agent contains a rubber modified epoxy resin. The main body is configured in either an L-shape or straight-through configuration. The present invention also provides a means for programming the cut-off frequency to a desirous frequency value dependent upon the conditions of application within a big range. The method further comprises the step of a computer causing the epoxy injector to dispense the determined dispensing amount of epoxy, via the dispensing end, at the determined dispensing rate.

1459828239-b48a505b-afa4-4117-8063-5cd3a9a72315

A high current density electrogalvanizing process and composition are disclosed for reducing high current density dendrite formation and controlling high current density roughness, grain size and orientation of a zinc coating obtained from an acidic aqueous zinc salt. Each inner region may have different emergency alert messages and may be geographically located inside another region. The interface connector is configured to couple to a module. The resilient member which rests on the guide plate exerts substantially no hold-down force on the rail and merely supports the guide plate elastically against the clamping member.

1459828240-7cb40a40-9e1e-4dd3-9fe0-e76908ae6989

Methods are described for handling an incoming call at a mobile switching center when the mobile station is currently in either an access state or in a paging state. The heavy hydrocarbon feed is slurried with a catalyst comprising iron oxide and alumina to form a heavy hydrocarbon slurry and hydrocracked to produce lighter hydrocarbons. Parameters for the virtual machine section are broken down into three groups: memory, system, and additional. A shaping die is adapted to receive the dual conical tube, and the shaping die is subject to pressurize such that the tube substantially approximates the shape of the shaping die. The soluble LDL receptor protein, and its muteins and fragments, are useful in protection of mammals against viral infections.

1459828240-87b4d76a-aa1f-42d6-af0c-e981c2d7498b

An approach to reducing the size of an output file generated by an optical proximity correction process is described. A basic IO system of the first electronic device is provided with a verification program for verifying a second electronic device. A microprocessor configured with the label body and in communication with the one or more movement monitoring devices time-tags the movement metric when the movement metric exceeds a pre-selected threshold. By so controlling the water content of the organic light-emission medium, it is possible to prevent shrinkage of a light-emission area based on production of non-emission parts or non-emission spots for a long time at both high temperature and room temperature conditions. At this time, even when the high melting point solder is melted in the first space, the size of the first space does not change and the first space is maintained.

1459828240-b3b1144c-037c-476e-9b70-e046441ebf61

This device for taking spherical pictures of a scene comprising a support provided

with securement means for a picture taking apparatus. The pump body includes a pump suction port, a pump discharge port a first oil, passage for supplying oil from a oil pan to the pump suction port, a second oil passage for returning excess oil of a first regulator to the first oil passage and a third oil passage having an outlet port for returning excess oil of a second regulator to the pump suction port. Upon detecting congestion, the mobile device turns on a background data restriction. A first electrode and a metallicmCNT antenna are layered on the first coating, and a plasmonic layer is then added. The sensed rotation may be used to identify or calculate a coordinate transformation matrix that is used for processing the image data. The pneumatic control system may comprise a calibrated vent to shorten the delay in the response of the door leaf to direction from the control system to stop moving.

1459828241-ddd2ebad-cdd7-4a63-8ca5-2581ec2c3477

An output driver circuit for a semiconductor device. The method comprises placing a trabecular shunt through diseased trabecular meshwork, between the anterior chamber and Schlemm's canal. A keyboard may comprise a plurality of spaced apart units in groups operable by respective fingers. The invention accumulates the results of the recursive operations and uses the accumulated results to form a down-converted signal. The surround is retained within the seat by the combination of an o-ring in contact with the surround, and a C-shaped clamp having an upper arm which engages the o-ring and a lower arm releasably mounted to the upper end of the frame.

1459828242-1199b4c9-6313-4e7c-b63b-1081343b3053

A lithium-ion capacitor includes a cathode, an anode, and a porous separator positioned between the cathode and the anode. The fixer heats a heated material by passing the heated material through a press region where the heat roller and the pressure roller meet. A transmitted signal containing a signal addressed to the base station is transmitted at first from the mobile station to the relay station. A carriage 39 of the conveyance frame 12 is caused to travel outside the booth 1, and the supporting arm 13 of the conveyance frame 12 is caused to travel inside the booth, wherein the supporting arm is caused to rotate around the axis. The second antenna sub-system may be tightlyseamlessly integrated with the first antenna sub-system, thereby providing a system with integrated antenna bands which provides omni-directional coverage.

1459828242-8a196296-f530-4b99-a53c-f7fa734424e2

A network and method for servicing simultaneously pending boot image download requests in a multi-client, networked environment. The high speed linear feedback shift register of the present invention comprises multiplexer flip flop circuits. The solid catalyst component is then recovered and combined with an organoaluminum cocatalyst to form a Ziegler-Natta catalyst which is advantageously used for the polymerization of olefins, particularly alk-1-enes such as ethylene, propylene, 1-butene, and the like.

1459828242-d7d532cd-20dc-4ddb-a1a7-59548f30022c

A self-erecting device which can serve as a signaling unit. The method also includes modifying the drive signal such that each drive electrode is driven by a drive signal having a unique first characteristic. Velocity is derived from the measured Doppler frequency shift for each bin.

1459828242-eefbe82d-cc60-4134-a63a-d6f8e794498d

An apparatus, system, and method are disclosed for suspending a data access request during serialization reinitialization of a file server. At least one cyan emulsion layer contains a cyan dye-forming coupler C-1 and at least one light-insensitive colloid layer exists between the support and a light-sensitive emulsion layer most adjacent thereto. The magnetic measuring devices are positioned on both sides of a central conductor or cavity, thereby enabling a central conductor to be inserted in such a way that one of three phases of the conductor system is formed. The

relationship value can be analyzed by comparison with baseline values correlated to exemplary collaborative relationships. The invention advantageously uses a decentralized scheduling hierarchy to regulate the distribution of bandwidth and buffering resources at multiple contention points in the switch, in accordance with the specified QoS requirements of the configured traffic flows. A second capacitor electrode may be formed over the first capacitor electrode.

1459828243-53351d23-a805-4d77-99b7-230b6fc51929

This invention relates to a sealing spring fasteners, which comprise one or more snapping engagement segments. The idler shaft assembly includes a shaft adapted for rotation about a first axis. In addition, a special design of longitudinal supports is provided. The upright members have a top frame that also pivots on the upright members. Specifically, various methods for the production of highly-pure bisphenol-A are disclosed in which an attached promoter ion exchange resin catalyst system is combined with a solvent crystallization step.

1459828243-d4d96fee-4e86-48f8-a357-846d01c8ebfb

A demodulation circuit for CDMA mobile communications systems includes a path comparison portion that detects whether one and the same path has been successively detected or not, and a calculation portion that calculates the timing variation between currently detected path and previously detected path when one and the same path is detected successively. Triallyl isocyanurate of the present invention comprises an organic chlorine compound represented by the following general formula in an amount of not more than 100 ppm: wherein R1 and R2 are respectively a chlorine atom or an allyloxy group with the proviso that at least one of R1 and R2 is a chlorine atom. In particular, the distributed data can be used for example, to track the progress of a chemical pill or also track the location of different types of borehole fluids, and also to determine the hole size or volume of the borehole. The method further includes using the first and second run-outs to adjust measurements of the inspection system. The content key can be generated from polar coordinates of the unique player ID, player manufacturer, and song genre.

1459828243-df7f77e4-ee4e-4371-9a00-87055694d7be

A decorative lighting network, which provides greater degree of illumination per foot or square foot of wire used to form the network. A second MOS-on-NWELL device is formed on the substrate and has its pickup terminals optionally connected together. Further, the energy of the tone or voice signals are determined at specific frequencies utilizing a Goertzel Filter process. Finally, testcase generation code is executed to generate a testcase. The described method is particularly useful for forming display structures.

1459828243-ea60e3c1-956c-4985-b6e5-53e168d29906

Disclosed herein is a pharmaceutical composition comprising ethyl)-2-methylphenyl)methanol and methods of using the composition to treat chronic pain. A guard is slidable on the syringe, has a proximal end, a distal end, and is biased from a first position wherein the needle is exposed toward a second position wherein the guard covers the needle. The method for super-resolving a single image comprises three stages. The apparatus preferably uses the fast marching method for the triangulated domain to obtain the geodesic distances.

1459828244-c4e889ba-0a32-40c0-be2a-5c80135bf9b1

The present invention provides methods and systems for determining anticipated profit from facilities such as electrical power generation facilities, for determining values for assets based on profitability of facilities, and for determining optimal operational scheduling options for facilities. An inquiry scan cache and a page scan cache are maintained. The three metal layers of the column comprise, in succession when proceeding from the layer that is in contact with the barrier layer, a layer of pillar metal, a layer of under bump metal and a layer of solder metal.

1459828244-d4583d67-7c2e-4ef2-9c31-4b803a33e5eb

A sample and hold circuit includes an op-amp, inverting-side capacitors, and non-inverting-side capacitors paired with the inverting-side capacitors. A protrusion is located between the topmost watermelon mill and the next threaded joint uphole. A communication protocol configures the system for communication and control protocols configure the system as one of a selection of intelligent appliance controllers. Movement of the hand grips moves the user support structure disposed adjacent the horizontal surface upwardly from the horizontal surface enabling the user to resist such movement and manually resist a return movement by the supported weight of the user on the user support structure. The hardware model is designed to emulate a micro-controller.

1459828245-02ecc1bd-6fd6-4360-96b3-e385be9ff073

A security system for shipping containers transported onboard a vessel detects intrusions into the containers and transmits a security message to a land-based security monitoring station that identifies the container and the current geographic location of the vessel. The system may include a container server, associated with a first source, the container server identifying a first module for use with a container document, receiving a module specification associated with the first module from a second source, and serving the container document with module data based on the module specification. Then, the home agent advertises path information to this mobile network only when the mobile router connecting to the mobile network does not exist. Another embodiment of the invention is a method of lifting a person using a personal transport device. The presence of a preamble is verified if the value in the correlation vector exceeds a predetermined threshold.

1459828245-278fed4c-a0f0-4603-ab74-ec1f723c373e

An electrical circuit protection system provides circuit protection in an electrical power distribution system. The present invention includes a network interface 110 that couples the network controller 120 to the audio network distribution system 20. The directly extruded molding has a predetermined external dimension, irrespective of the external dimension of the panel. Loadable conversion modules are provided for converting application specific formats due to the potential large number of such formats which can be encountered. The information is subsequently sent to the host controller on a periodic basis. 04 to 100 milliliter with a polar monomer having a concentration therein of 0.

1459828245-bcd3cfc7-be00-4754-96d4-306800dd3535

A method and system is proposed for use by a moving station for radar tracking of a moving target. A method for filling a hopper using the loading apparatus of this invention is also disclosed. The physical markings include characters-of-interest. A time-delay circuit disables the square wave oscillator, without interrupting the DC power supplied to the oscillator, upon the passage of a predetermined period of time from power-up of the AC power. Leading edges are formed where the first sides join the connecting sides, and trailing edges are formed where the second sides join the connecting sides.

1459828246-3c49cce2-bd1b-4139-bc45-2a5c71ab7d31

Provided is a semiconductor device including, on the same semiconductor substrate, a transistor element, a capacitor, and a resistor. The difference  $h$  in depth of the recessed or projecting portion is set to. A copy of the selected video segment is transferred to one of a plurality of buffers. This enables one or more plugins within the framework to access the specified repository. A method of viewing an IFE device is also disclosed.

1459828246-673955ac-105b-47f7-bf2b-84e3f31ff7f4

A connector, being a connector where one portion of the housing protrudes, and where an electrical connection and mechanical fixation is achieved by the

protruding portion being housed within a recessed portion of an opposing connector. Each group includes a plurality of sequential sheets. The first metallic pad is disposed on the base material. Shadow digital certificates for establishing outer connections between WAN optimization modules and clients are generated in the form of certificate signing requests.

1459828246-ca7d58ec-dd92-41b7-a151-69ac49328d01

A computing apparatus is configured to operate under multiple operational policies. The cage member includes upper, lower, and side portions. Other embodiments include profile parameter refinement procedures using sensitivity analysis, a clustering approach, regression-based methods, localized fine-resolution refinement library method, iterative library refinement method, and other cost optimization or refinement algorithms, procedures, and methods.

1459828246-f9584c10-4ce9-47e7-ae88-0138537d7f24

A shellfish cracking device for cracking shellfish such as lobster and crabs is provided. A transfer facility on the old appliance is used to select the information to transfer. It provides the advantages as follows: it only monitors the electric performance, not the mechanical performance of a cable; it monitors the cable itself rather than a monitor material; it is applicable to all kinds of cables, including but not limited to a large-current cable; it does not introduce new cables; it is an on-line monitoring, i. The method further comprises, responsive to an occurrence of a predetermined event associated with the environment, using the mutation rate and the probabilistic mutation criteria to determine if the operating parameter value should mutate, and changing the operating parameter value in response to a determination that the operating parameter value should mutate. In some implementations, multiple output triangles within the input triangle are generated simultaneously by parallel processing.

1459828247-4b6d64b5-4bbe-45ea-8d46-9c5b867c3507

A NOR flash memory device comprises a memory cell adapted to store at least two bits of data. The method includes receiving a symbol, performing a channel estimation operation to generate a channel estimation result according to the symbol, performing a cross correlation operation on the channel estimation result and an initial channel estimation result to generate an operation result, and determining whether the condition of the transmission channel have changed or not. The whole wafer backside is then polished and a backside substrate, preferably of transparent material is juxtaposed to the backside of the wafer, such as with an adhesive or with a frame. The message is then delivered wherein the voice of the animated entity is modified throughout the message according to the voice emoticons. or above is excellent as a heating element and, at the same time, has an excellent capacity capable of adsorbing various gases.

1459828247-ad7b552e-d321-4b18-95b1-d8ce292ddb6

There is provided a pad set for a protective helmet. Shelters and other protective articles incorporating this laminate are also described. The presently disclosed compounds can include those of the formulas:andwhereinL1 and L2 are selected from the group consisting of:. No water is used and no waste water is produced.

1459828248-1a2120d1-8b36-4cab-a8ab-29e5134439a0

A Gurney Clamp, Detachable Equipment Stand and Associated Transport Cart is disclosed. The control system comprises a first line driver that has a control input that controls the physical layer quality at the first end. The drive and sense electrodes are additionally arranged to capacitively couple with each other. The resulting composition is preferably adapted for oral administration. The system can be operated in reverse to produce a multiplexed, interleaved data stream for wireless transmission. These features both enhance the structural integrity and the uniform unblemished appearance of the finished molded container.

1459828248-306dc591-c5f2-42cc-a6b3-b1ae5a912b3e

This invention provides for an apparatus and a method for operation of a cryogenic hydrogen storage system that contains a porous medium configured to adsorb hydrogen. For example, but without intending to limit the scope of claimed subject matter, a transceiver module may include the following: a module housing; a bail lever; an actuator; and a spring adjacent to the actuator. A support basket is disposed in the splicing area and extends longitudinally within the housing. An upstream portion of the connection flow path is formed integrally with the first housing, and a downstream portion of the connection flow path is formed integrally with the second housing. The family members further include six selectively engageable torque-transmitting mechanisms, which are engaged in combinations of two to establish seven forward speed ratios and one reverse speed ratio between an input shaft and an output shaft of a transmission. The seed has a geometry that includes a vertex capable of destabilizing an oxide film that forms at the interface between the seed and a molten metal during the casting process, and thereby promotes a continuous single-crystal grain growth and reduces grain misorientation defects that can initiate from the seed/metal interface.

1459828248-d4f3e388-7063-4367-b476-0f1745c198a7

A film-tail clamp, cut, and seal system for use in a wrapping apparatus for wrapping an associated item has an oval track vertically oriented and openable to move into and out of the associated item. The ultra low power dosimeter assembly may include a low power voltage source and a table circuit. The method can include providing a discussion forum and initiating a thread in the discussion forum and measuring a temporal proximity of postings between two or more users in the thread. Pellets fabricated from this material are dropped into the holder and onto the seed, so that they melt and react with the nitrogen atmosphere to form a nitride ceramic. The interface is configured to transport the packet between the dies.

1459828249-3420fc1c-fc6a-45bc-9895-96e23ce9fba0

The present invention has an object to provide a Raman amplifier, a WDM optical communication system and a method of controlling the Raman amplification, capable of optimizing amplification characteristics in response to a change of operating conditions of the system so that transmission quality of the WDM signal light can be maintained in good. The peripheral device is coupled to a host processing system through a data bus. A computer or processor electrically coupled to the NIRS device is also housed within an area or extension of the wagon. The RF circuit changes at least one of a gain and a phase of the incoming signal to generate a desired outgoing signal that passes through the three-port device to the antenna. The communication unit is configured to be located between the chassis and the first or second storage device.

1459828249-5203d7fb-ccab-4cb3-b35a-8b6a0b4b157f

A vehicle safety device includes a seat mounted within a passenger compartment of a vehicle and a seat position adjusting mechanism that allows the seat to move along an axis between a forward-most position and a rearward-most position. The interactive content component includes one or more applications, which provide instructions for organizing, formatting, and synchronizing the presentation of interactive objects to a user. Airtight and fluidtight hermetic fluid flow passages are formed between such members, by forming the first block member, the second block member, and the wire members together as an integral structure.

1459828249-72775a5a-ef6b-4419-adc4-c29df27ec993

A method for assessing color performance in a printing device, which is provided with color printing means for printing at least three primary color inks, comprises the steps of: . An assembly comprising the first metal material, the second metal material and the core is set in a pulse electric-current bonding unit to perform a pulse electric-current bonding process. The method and system can also be used to provide a physical geographic location for a device for non-emergency situations.

In still other embodiments, provided herein are methods of selectively antagonizing receptors such as, for example, the \u03b13\u03b24 nicotinic acetylcholine receptor using the compounds and compositions disclosed herein. The communications system also includes at least one loss concealment processor configured to perform packet loss concealment on the stream of information packets as the stream passes through an intermediate point within the packet switching network.

1459828249-d54a72d5-68f5-46ec-b8f6-bc7130df2f4b

A spool handling device for engaging and disengaging a spool having, a base, a spindle supported by the base and adapted to receive the spool, a latch assembly pivotally mounted relative to the base and including a latch for releasably securing the spool on the spindle, and an ejection arm for assisting in removal of the spool from the spindle. The present application uses a toroidal transformer to simplify a circuit and reduce the number of electronic parts used. The primary variable frequency drive is electrically connected to the motor and an AC power source.

1459828249-f48c4753-6070-4125-9886-2166ca566efd

There is disclosed an oscillator for generating a periodic signal, comprising a transistor and two electro-magnetically coupled inductors in positive feedback configuration, one of the inductors is connected to the drain or gate of the transistor, and the other being connected to the source to maintain the same phase of the two voltages at the two nodes. The housing further includes a heat transfer flow path radially defined between the first cavity and the partition wall, and a fin in fluid communication with the cavity housing the LED drivers. The described embodiments use ultrasonic elements for generating a mist composed of droplets and fog and the fog is drawn or pushed by an air stream towards a duct.

1459828249-f9519f4e-1ea3-46bd-a4f6-ea98ef226f15

An artificial snow skiing surface has a number of spaced-apart rigid projections extending from a base. It is determined, based at least in part on the criteria, at least voice-related information in storage to which the instruction applies; the voice-related information includes call audio data, a call transcript, and call metadata associated with a call. First, a first metal layer is formed on a substrate.

1459828250-3523cc99-8b0a-4104-bfae-4ddbc4cd6e7f

A positron emission tomography scanner is provided which uses information on the time-of-flight difference between annihilation radiations for image reconstruction. without requiring additional humidification systems or hydrating water is disclosed. Those groups are displayed to the user in a ranked list of selectable groups to permit selection of a group or document. The resulting silica polymer is used as a proton conducting material for electrochemical elements such as fuel cells, capacitors, and electrolytic cells. This causes the dispensing chamber to expel the beneficial agent through a subterranean delivery channel, such as a rigid hollow spike.

1459828250-3777a387-10ce-49d9-8ae2-9a1df5c5b9cc

A support system, a bracket assembly, and a damping member for use in supporting a rotating shaft. First, one or more data blocks are encoded and recorded sequentially, and it detects if a buffer under run occurs. A vibration-damping apparatus using the vibration-damping device is also disclosed. In this way, the operator of the online commerce site may prioritize server access per service level agreements based on a specific third party application and API function call. The resultant data is recorded as record data to a record medium.

1459828250-73b43273-0341-439c-8bda-bae5eafa4fd4

A semiconductor memory device is provided for minutely changing a refresh interval according to a detected temperature and thereby lowering its power consumption. In



addition, a base assembly including a set of feet is adapted to rest on a surface. A pair of arms is attached to the elongated member. A layout cell is used for fabricating the PTF resistor.

1459828251-48e4c2ca-b02e-49ff-988d-33fafa81c0b8

Certain aspects are directed to an intermodulation detection sub-system. The automated banking machine is operative to receive and display on a display device of the automated banking machine, electronic documents for the user. In addition, a method for preventing lamivudine resistant HBV mutation from occurring in a host is provided that includes administering a 2-L-2'-deoxynucleoside or its pharmaceutically acceptable salt, ester or prodrug. The write test is used to indicate an abnormal condition of a head. The gear train includes an output gear secured to a motor shaft of the motor and an input gear secured to the valve shaft at one end and directly meshing with the output gear.

1459828251-51c04109-f408-47cf-b488-3fff2698371b

The present invention provides novel aryl benzimidazole sulfonic acid esters and cosmetic compositions that employ the novel aryl benzimidazole sulfonic acid esters as sunscreens. The electronic direction system accounts for the tracked instances in which directions have been missed in handling provision of future directions. The electrode moves with the carriage, and is adapted to attract an electrically-charged ink droplet ejected from the nozzle but not landing on a medium. The majority of the noise generated by the frequency synthesizer is generated away from the centerline frequency and is easily filtered by narrowband filter.

1459828251-8d8a788a-6a00-4786-bb6a-58aa6db59c41

A compression assembly tool having multiple split bases for attaching connectors of different sizes to corresponding coaxial cables of different dimensions by compressing the connectors axially. The player can then choose to match the dealer's raise or fold. The antenna element includes a radiating element, a shorting element and a feeding element. Soybean seed, cells, plants, germplasm, breeding lines, varieties, and plant parts produced by these methods and/or derived from soybean variety XBP04002 are further provided. The radio bearer controller can process linked user plane radio bearers in relation to each other, for example by terminating all linked user plane radio bearers if a single radio bearer fails.

1459828251-fb03c904-1297-43f5-80f4-e57c143e1bc6

An implantable medical device such as an implantable pulse generator that includes EEG sensing for monitoring and treating neurological conditions, and leadless ECG sensing for monitoring cardiac signals. Pyrido3,4-bindoles are described, as are pharmaceutical compositions comprising the compounds and methods of using the compounds in a variety of therapeutic applications, including the treatment of a cognitive disorder, psychotic disorder, neurotransmitter-mediated disorder and/or a neuronal disorder. By harnessing a unique telescoping ability of MWNTs, one may controllably slide an inner nanotube core from its outer nanotube casing, effectively changing its length and thereby changing the tuning of its resonance frequency.

1459828252-19ba5705-3073-4865-bb4b-f889ac78c606

Chemical sensors for detecting the activity of a molecule or analyte of interest is provided. The method, apparatus, and system enable individual instruments or a surgical instrument tray containing several surgical instruments to be quickly and efficiently inventoried and tracked. One port connects with an input optical fiber, one port connects with the dynamic FBG, and the third port connects with an output optical fiber. The methods described herein for transferring heat from an equipment enclosure using an airflow generated by a fan of a UAV may be employed for UAVs having a variety of duct shapes, and having equipment enclosures inside the duct or in detachable equipment enclosures located on the duct of the UAV. The measuring probe is configured to measure the reduced flow rate within the flow restrictor

tube where the reduced flow rate is within the accuracy range. The variant antibodies are useful for treatment or prevention of conditions and diseases associated with A\u03b2, including Alzheimer's disease.

1459828252-dca91bfc-93a5-43f3-9f1d-ad71d37cabd2

A computer system is adapted for dynamic replacement of a hot swap controller card. The inks may be jetted from both thermal and piezo ink jet systems. The cell current flowing from the bit line to the ground terminal can be set large and the large static noise margin can be attained. Plasma is generated from the N<sub>2</sub> and H<sub>2</sub> gases and then activated to form an activated gas species. The onboard data monitoring system records important parameters concerning the internal and external environments of the container, particularly temperature information, as well as other significant events such as the number of times the container was opened during transit.

1459828253-3bea8989-eb5f-4997-9424-b9dfb8b545be

In a large scale integrated DRAM in pursuit of micro fabrication, data line-word line coupling capacitances are unbalanced between paired data lines. A gate electrode has a laminate structure. A number of common satellites providing GPS data to the host vehicle and the remote vehicle are determined.

1459828253-73b9e0b1-6005-4b57-9597-c6a559381dfa

Apparatus with a pneumatic or hydraulic or mechanical therapeutic catheter. The program method may include programming memory cells, connected with a selected row and the second bitlines, with multi-bit data; determining whether the selected row is the last row; and reprogramming programmed memory cells connected with the selected row being the last row and the first bitlines when the determination result is that the selected row is the last row. Genes of interest are cloned into the multiple cloning site of the Vector System just downstream of the p26 or alpha crystallin type protein and a thrombin cleavage site. % Cr based on the total weight of the metal M, and \u03b4 is a top layer formed on the surface of the chromium-enriched oxide \u03b5, comprising sulfide, oxide, oxysulfide, and mixtures thereof. The package structure for the semiconductor has a substrate, an external frame device and a polymer filler. The invention also includes a method for purifying the non-ionic contrast agents.

1459828253-7ae57e3e-ce89-4a6f-bc9c-19a54ed777e6

Methods and systems are described herein for an article of manufacture for use in a weapon sight wherein the article of manufacture comprises a passively charged photoluminescent material. In one example, the device periodically measures transthoracic admittance values. In the method, a polyamic acid solution is prepared in which at least one metallic compound selected from a metal oxide and a metal carbonate is dispersed; the polyamic acid solution thus prepared is formed into a film and then is imidized to form a polyimide film including the metallic compound; and then the polyimide film thus formed is baked to form the carbon material. The control board is disposed in the control box. According to the invention, a simplified operation of the clamping device may be achieved, whereby the releasing unit may be operated by an electrical actuator.

1459828253-8d84d051-ce6f-4907-944b-ee0065dc1ac3

A method and system can locate an RF transponder based on phase differences between signals transmitted to the RF transponder. The ladder includes a rotatable base having storage space to hold extra rungs supporting the variable extended positions of the ladder. In one embodiment, a method of reducing the concentration of water in a Fischer-Tropsch reactor containing a water-rich hydrocarbon product includes removing water from the water-rich hydrocarbon product of the reactor by a water removal means so as to form a water-reduced hydrocarbon product and returning that product to the reactor. At least part of the alkali earth metal soap is a stearate and at least part of the zinc soap is zinc laurate. If a candidate direction is

verified as being a preferred direction, then a direction-fine tuning process is performed in which vector norm values associated with big angles from the vertical direction are calculated in order to find a more accurate direction for the non-vertical edge. The compressed air is expanded and accelerated by a series of diffusers and then impinges upon at least one impulse-type turbine bucket member located on the tip of a turbine blade to drive the turbine, which drives a compressor to start engine.

1459828253-d4474fb8-f360-4388-94b4-90029358ac94

A pavement marker includes a base and at least one lens with retroreflective areas aligned to reflect headlights back toward a vehicle for producing a nighttime signal. One embodiment of the invention combines a stuffer horn with spray nozzles for the application of a safety intervention solution while the product is being placed into a bag. In another embodiment, the method comprises obtaining megestrol acetate from a container associated with published material providing information is metabolized by a cytochrome p450 siozyme. , vaccines, comprising PMP polypeptides or PMP-derived polypeptides or antibodies thereto. In one embodiment, the verifying party verifies the integrity of the message M using the signature S, the public key N and the value q and the test equation  $M=S^2u^{2212qN}$ .

1459828254-6110cc4b-2c46-4ea2-b58a-fc28d94a620f

A vernier adjustor for a conveyor system is provided. The method includes firstly detects a data size of a transfer data. Each of the sidewalls has a through hole, an upper sidewall and a lower sidewall.

1459828254-928dba56-3639-43d3-a67d-074b6ff90358

This invention is an information processing device such as a computer, as a host device, and a memory card as an external connection device to be connected to the host device. Separating the channels are ribs and conductors are mounted in the channels. The composition is of low elasticity, while also providing excellent heat resistance, adhesion, and workability.

1459828254-a19c733e-3bf3-4796-a849-96c1d1a8a3db

A method and compositions for inhibiting excessive scar formation and adhesions by administering to a patient in need thereof an effective amount of an angiogenesis inhibitor. The angled outer surface has a plurality of ribs extending from a first face to a second face of the nut. An incoherent integration circuit section performs an incoherent integration process on the I and Q enhanced integrated correlation values. If the decoding results of the new enrollment are acceptable, the new enrollment will be used for recognition; otherwise it will be rejected and discarded. During cutting of the bone, one or more guide members having opposite ends which are spaced apart by a distance less than the width of an implant may be utilized to guide movement of a cutting tool. The hologram also forms an interference pattern effective to minimize color shift that otherwise occurs in displayed images due to off axis projection, achieving a color shift between two and five for angles of incidence between about 0 and 30.

1459828254-fc2a5972-84f5-42c1-a0e4-df6307008434

A solid state ionizing radiation detector is provided, having an absorber within which, when in use, electrical charge is generated upon the absorption of ionizing radiation. The metadata records can conform to a standardized structural definition, and may be hierarchical. The image data of a frame is selected, out of the stored image data of the plurality of frames. As a result of using the distributed control authority of the present invention, a station may be freely subscribewithdraw tofrom the network. The datapath has data integrity checks and a recovery mode when an error condition is raised, allowing it to recover from most errors without creating new errors. When the document is no longer accessible at the link, the method replaces the document with a backup document as the representative document for the event.

1459828255-106bcf7f-9c25-4da9-a96f-740b5f9ce64f

A sliding mechanism used for an apparatus such as a portable device suppresses shaking between housing units in an opened state, closed state or on the way to opening/closing, during a time period of at least 5 minutes. The heater power control circuit dissipates a certain amount of heat as a part of the control process.

1459828255-12ca6712-69ce-4234-a889-8b740928e1d9

Cultures of cells immunoreactive for glial fibrillary acidic protein, as well as for the intermediate filament marker nestin were grown in a medium including epidermal growth factor and serum. The antifuse via structures comprising a substrate that having a first conductive wire therein. The chemical mechanical polishing pad provides effects of effectively controlling a flow of slurry during a polishing process, thereby achieving a stability in the polishing process in terms of a polishing rate, and achieving an enhancement in the planarization of a wafer.

1459828255-42045c2b-7370-433d-a878-67af41e6d8d7

A fuel injector injects fuel to generate an air-fuel mixture that is burnt in the engine, and a sensor detects an air-fuel ratio of the air-fuel mixture from an exhaust gas composition of the engine. An oxygen containing gas stream, such as air or an oxygen enriched gas stream, is supplied to the headspace of each stage, and a means for aerating the sludge in one or more of the tanks, tank segments or compartments is provided to enhance the transfer of oxygen from the gas headspace into the sludge liquid for use by bacteria in digestion of the sludge. In another aspect, automated prosody measurement algorithms are used in conjunction with speaker segmentation to extract emotional content of the speech of participants within a particular conversation, and speaker interactions and emotions are displayed in graphical form. The sub-scanning circuit turns ON only the constant current sources in the unit that is being scanned. Based on the meta-data, previous access habits of the user and optional user classifications, the client system selectively receives and/or stores the data files that are later broadcast by the server. The monolithic body includes a matrix phase and a plurality of particles disposed within the matrix phase.

1459828255-86e27bd5-50ff-4583-a4a8-eb2ee75d848c

An image scanning apparatus is capable of successively scanning a plurality of documents arranged on a document plate in an efficient manner by moving a sensor unit over the documents in a sub-scanning direction. Also proposed is a manufacturing method for the thin film MIM capacitors. This material is added on a BEOL metal layer or as an external coating on the finished silicon.

1459828255-de8c1e5c-06a2-44fe-a5a4-32e2a1edebce

Source code of a computer program is compiled by a compiler to generate object code. The dispensing section includes a device for adjusting a variable size cavity configured to adjust to various pill sizes. A mask layer is applied to the insulation layer. At a receiver, the multiplexed signal is despread into a plurality of despread channels.

1459828255-ef774ee1-72b7-4036-9694-c50b97c48743

The invention provides a flexible plastic formulation capable of being extruded, blow-molded, ethylene oxide and radiation sterilized. In one embodiment, the adjustable accessory comprises a frame including a movable platform for adjusting height of a container thereon, such as an oxygen bottle. A combinational logic circuit receives a control signal as input applied from outside the circuit onto a terminal operates to select one of the fusible elements as a function of a signal applied thereto.

1459828256-7d417390-b55d-4797-82c3-abc8e5e0a88e

An LDO with fast current limit includes P-type transistor, an error amplifier, an adjustable reference voltage circuit for generating an adjustable reference voltage, and an N-type transistor. The invention thus relates to the plants, seeds and tissue cultures of the variety CV215542, and to methods for producing a corn plant produced by crossing a corn plant of variety CV215542 with itself or with another corn plant, such as a plant of another variety. The browser downloads executable code. Moreover, the invention relates to pharmaceutical compositions comprising one of more Fc-heterodimeric proteins or polypeptides.

1459828256-de05fda1-04f4-43ba-9518-949412dc4d7e

In an improved CPU base cover turning component, a CPU socket thereof includes a CPU socket base, CPU base cover, and a CPU base cover turning component. Semiconductor devices are formed in a semiconductor layer of the membrane. The communications receiver may be separate from a tag detection receiver.

1459828257-5413da42-d903-4410-8d43-7e8ca5200cf2

There are described personal care compositions containing a) one or more dibenzoylmethane sunscreens; and b) a photostabilising amount of a salicylate ester of formula :  $\text{Ph}-\text{CH}(\text{O}^-\text{R})-\text{CH}_2-\text{O}-\text{R}$ , wherein R represents an alkyl group consisting of a chain of from 7 to 16 carbon atoms substituted by at least one group selected from methyl and ethyl. The exposure devices project patterns of first to nth masks onto respective ones of first to nth substrates that are to be exposed. In addition, a regeneration circuit amplifies the changed output voltage at the time. The near-instantaneous creation of a logical version of the filesystem requires inserting a unique epoch number entry in the version table and the next epoch number to the new logical version.

1459828257-92e2c8dc-ae90-4fe7-90d2-188a2967b4a0

Provided are a marker for determining sensitivity to an anticancer agent capable of distinguishing a therapeutic response of an individual patient and a novel means for a cancer therapy using the marker. In some embodiments, the adjustable last includes an inflatable member that can be filled with fluid according to the size of the article, and may be used to adjust the size of the article. The radiolucent support member has a rigidity sufficient to support an upper torso and head of a patient.

1459828257-cda6b61b-b51c-4f99-b06d-000c49b2517e

Embodiments of a method of performing Huffman decoding are disclosed. The cooling apparatus includes at least one printed circuit board having opposed major surfaces, and at least one electrical component or other heat source positioned on one major surface of the printed circuit board. A query that uses search terms unrecognized by the then extant taxonomy triggers a series of operations that test the new terms and updates the taxonomy as appropriate. The soldering portions are inserted into the insertion slots and abut against the resisting surfaces. Alternatively, the operating condition is, while the inverter is on-line or in operation, transferred from the inverter control to an insulation monitoring system for improving the quality of the monitoring.

1459828258-50bfdb24-3a4d-4c32-bfe9-f8bd588cfe5f

A socket connector having a connector body co-molded with its peripheral and cable seals. In recording data related to a content by dividing and recording the data in a plurality of sectors continuously, dummy data to be used for extracting a clock in PLL for data reproduction is recorded on a region adjacent before a sector from which data recording is started. In particular, the paint composition is useful for forming a resin layer on sliding surfaces that contains the surface-modified fluoro-resin powder and heat-resistant resin for enhancing sliding properties of these surfaces. The top ends of the opposing sidewall portions are connected to each other by a scoop portion that has a non-skid surface formed thereon for gripping the lacrosse ball. Management of the coordinated operations of the

application programs avoids problems concerning information security, where valuable information may be distributed unexpectedly because of operations of low reliable application programs.

1459828258-dee3c03f-2a68-43b5-a1cc-da365ae63e19

An integrated circuit device with a bonding surface directly over its active circuitry, and a method of making such integrated circuits. The bonding leads of a stack form ohmic transitions in their boundary layers. The cage includes indenters for offsetting some of the blocks in order to form aesthetically pleasing grooving along the finished column. The first set has a smaller capacitance than the second set. A hyper-text link is associated with each device button, wherein the hyper-text link provides a link to an HTML page that is contained on the home device that is associated with the device button, and the device link page is displayed on a browser based home device. Upon subsequently receiving a request at the KDC from a client that desires to communicate with the server, the system produces a session key to be used in communications between the client and server, and then creates a ticket to the server by encrypting an identifier for the client and the session key with the temporary secret key for the server.

1459828259-0836ebe6-4aeb-419f-9288-c90871dc996b

A method is provided for controlling point-to-multipoint communications. The capacitance cell also includes a capacitance composed of a first electrode, a dielectric member and a second electrode stacked together, and is formed in a frame shape and disposed in a space between the substrate structure layer and the interconnect layer so as to extend along an outer rim of the frame shape of a standard cell region in which a standard cell is arranged. Further, when printing of a plurality of images is set, if a continuous printing determining portion determines that continuous printing is possible based on a limit on an image size relative to a RAM capacity, an image associating portion associates images that are in the number that can continuously be printed. The substrate is etched using the patterned masking layer to produce a template. The source regions of the column of memory cells are electrically coupled to the trench line on one side of the column of memory cells via one of the polysilicon inserts.

1459828259-7f9bbf9f-9827-4e0a-a7d5-3b942822cd61

A barrier for stopping unwanted watercraft and subsurface intruders from entering into a port or off-shore structure is provided. The Power Management Unit has no arithmetic circuit. The server validates that the sender of the validation-message is a valid client-receiver of the subscriber television system using an authentication-token and a validator that is known to both the server and to at least one of the client-receivers. Ladder rung hooks are attached to a first bracket, which receives and is pivotally attached to the main member and has one of the hooks attached to each opposing end of the first bracket. The mounting substrate is provided on the other side thereof with external connection terminals connected to the chip connection terminals and the ground terminals and used to mount the mounting substrate on an external substrate. A plurality of slotted strips and/or a drawer slide guide are mounted to the housing.

1459828260-22493ef8-3be0-4b89-a7d4-fedcb21e1514

A method and a system for managing a website are disclosed, the website being arranged on a server. The optical element is preferably adjustable in each of the X, Y, and Z axes to allow the wearer to optimize projection of the optical element. 20% and a chroma value  $C^*1_{u226715}$ , the antireflection coating of the second lens having a weakly colored residual reflection, a mean reflection factor  $Rm2_{u22661}$ .

1459828260-32f1024b-83bd-4756-b02a-055e7d412cc7

Apparatus and methods for separating fractions having monetary value from residual streams from a MRF are disclosed. Three types of devices having aerodynamic housings integrated to the trailing edge of an aerodynamic shape are presented,

which vary in details of how the control surface can move. The roaming subscriber is provided with a prepaid debit account. The footplate is used to enter Schlemm's canal, serves as a guide, and also protects Schlemm's canal. Accordingly, it is possible to maintain a constant flow rate.

1459828260-44186390-6c42-4f0a-a32b-7a740554a089

Disclosed is a semiconductor device whose reliability can be improved. Sets of scrambled binary values are received. The system complexity is therefore reduced without loss of performance. An apparatus for illuminating a surface is provided that includes an arrangement reflecting light toward the member that is positioned over the member and separated from the member by a gap, and an arrangement emitting light into the gap. A connection path is in fluid communication with the first chamber and the second chamber.

1459828260-b5c1176b-4689-40eb-bca5-83f5c18bd206

A head performs recording or reading information with respect to a sheet-shaped recording medium. The light source is in one of the focal regions and produces a pool of reflected light in the other focal region, and the lens converts this pool of light into a beam projected on the road. The rear electrically actuated brake circuit is controllable in response to the input for providing a frictional rear braking force. A disablement unit, coupled to the first and second modules, asserts the disable signal to the high frequency oscillator when all of the request signals are asserted, thereby forcing the high frequency oscillator to cease the generation of the first high frequency signal.

1459828261-41d5153e-534d-4076-abfe-9be605b8d9fe

A method and apparatus for using SONET technology to efficiently carry both data and voice traffic by AddDrop Multiplexing of both isochronous traffic, such as voice and video, and non-isochronous traffic, such as data, in a SONETSDH fiber-optic ring topology. The high-speed optical transmitter comprises the optical modulator which modulates and outputs an input light in accordance with an applied voltage, and a driver circuit which outputs the applied voltage into the optical modulator and has an emitter follower circuit at an output stage thereof. The method further includes galvanically applying layers to the uncovered partial areas of the second layer so that multi-layer strips are formed thereon and an electron-optical transparent structure is formed and removing the electron-optical transparent structure off the second layer. A pair of transistors in a row are separated by an oxide isolation region comprising a low dielectric constant oxide material. Apparatus for monitoring a process is also disclosed.

1459828261-d9b99945-c95b-4211-9942-586264716f34

To enhance electromigration resistance of an electrode. The device includes a first MISFET in which hafnium is added to the gate electrode side of a first gate insulation film including silicon oxynitride, and a second MISFET in which hafnium is added to the gate electrode side of a second gate insulation film including silicon oxynitride. A measurement circuit is adapted to measure impedance between the electrode and ground as the electrode approaches a target tissue. In one example, the substrate is provided with a tongue or a groove defined in any one, combination, or each of the respective side edges of the substrate, as desired.

1459828263-508a84ae-fe53-4f7b-a56a-07661838c5ee

A system for determining a configuration of print-related devices in a document environment may include a computing device and a computer-readable storage medium in communication with the computing device. The interactive program guide is preferably implemented using a microprocessor-controlled set-top box that is coupled to the viewer's television set. Charges attached to the material pattern are removed with at least one discharge gas. The circuit decreases the drive strength by which the power switch is driven during each output edge or high to low), and returns the drive strength to its normal level when the output edge is

complete or approximately complete. When the edge signal SE becomes the predetermined level, the charge-discharge control unit switches the charging state and the discharging state of the charge-discharge circuit. The additional component when adsorbed reduces the decomposition of ozone that would occur in the absence of the additional component adsorbed on the zeolite adsorbent.

1459828263-7a5459ca-ff50-4fde-9d5a-82f2996d4785

A waterproof structure is used with a printed circuit board, which is primarily composed of an upper layer membrane, a lower layer membrane, and an insulation layer, which are conjoined to one another. Embodiments of the present invention may be useful when grinding thermally sensitive materials such as gas turbine creep resistant alloys and hardened steels. The signals are transmitted from the metal detector to the operator who can then take appropriate steps to neutralize the IED.

1459828263-8a5c90e4-e2af-433d-8193-318e75e73040

A communications device in the form of a base station or communications node such as an eNodeB communications node selects one of a plurality of modulation and coding schemes for a control channel for a user communications device on the basis of the range which is specified by the location or channel condition within a cell of the user communications device. The thermal reservoir has a first plate and a second plate fixed to the first plate. The AF is completed by moving the lens unit to a position corresponding to a maximum edge value selected from among the detected edge values.

1459828263-d383a7d7-7c8d-49a4-8fdc-f34107b0d0ef

The present invention relates to a bone plating system and method for fracture fixation of bone. Also provided are assays utilizing flowable or fixed particle sets within a microfluidic system, as well as kits, apparatus and integrated systems comprising arrays and array members. The bicycle support apparatus can also be secured to any horizontal, vertical, or any angular face. 0001 to 20 parts by weight based on 100 parts by weight of the thermoplastic resin, and a polymer having an epoxy group was used as the organic polymer. The molded portion, formed of insulating resin, covers and blocks at least a boundary between the body and the cover, a boundary between the body and the connecting portion of the contact, and a boundary between the cover and the connecting portion of the contact. The output image has the same field of view as the input image, maintains image resolution, and limits distortion to levels that do not substantially affect the viewing experience.

1459828264-4c9900d5-69bc-4eda-862e-4709e2a90701

A system and method is disclosed for measuring muscle reflexes as a tool for identifying/ diagnosing dysfunctions non-invasively by using mechanical stimulation. The motor controller outputs digital representations of the pump motor operating parameters to the processor. The second connector includes a tab receiving terminal for electrical connection to the tab terminal and an elastic lock arm for sliding over the projection when the second connector is fitted into the first connector.

1459828264-63853b21-bcf8-486f-a06f-8974f65686ed

The present invention relates to a novel process for the preparation of 1-H-pyrrolidine-2,4-dione derivatives and to novel intermediates and to a process for their preparation. A start clutch transmitting and interrupting the power to the first shift clutch and the second shift clutch is constructed of a centrifugal clutch C having a clutch shoe. The ligands are easy to make, and they are readily incorporated into transition metal complexes, including those based on late transition metals. Also, the flexibility is increased with respect to wireless communication with the network or the Internet without any need for specialized equipment and functionality. The movable member is adapted to move relative to the ram in a second direction perpendicular to the first direction.



1459828264-e6a86203-6830-42c8-99ba-6870bbb93000

A method and apparatus utilizes a personal speech recognition system to enable data retrieval assistance operators to retrieve customer requested information from an information database based upon a voiced inquiry by the operator. A profile system is provided having multiple programmable profile settings and a default profile setting for the application. The antenna quality factor can be adjusted substantially independent of antenna gain to achieve an extended Chu-Harrington relation.

1459828265-69018cff-db51-4af9-b433-28c38d0e62fb

Coated articles are provided with an anti-reflection system which enables high visible transmission and/or low visible reflection. An image rejection mixer may be enabled to mix a plurality of generated local oscillator signals. The plasma has, near a surface of the quartz member, an electron temperature higher than or equal to about 2 eV. These proxies can also include the ability to share DNS answers between each other.

1459828265-e38ba0ef-7e9b-4f09-a9a9-aa967fda078c

A synergistic antimicrobial composition. Through a reserved line and a HPD line provided separately from a TMDs transmission line, an Ethernet signal is bidirectionally transmitted, and also, a SPDIF signal is transmitted from the sink device to the source device. The variable magnification optical system has a plurality of lens groups for performing magnification variation by changing intervals therebetween and a reflective surface for bending an optical axis.

1459828266-6f9678d6-4ef3-433a-b06a-f3f77719934d

Efficient implementations of wide logic functions in programmable ICs include carry chain multiplexers driven by dual-output programmable function generators. Specifically, the disclosed invention relates to methods to increase the stability and delivery efficiency of protein kinase C modulatory peptide compositions. First, the network must be immune to the failure of a single link.

1459828266-c8d93029-bbfd-41bf-bbbb-d3dee1162ffa

The present invention extends to methods, systems, computer program products, and data structures for decoupling an attachment from an electronic message that included the attachment. The method also comprises determining whether the sending system is in an unauthenticated mutually exclusive connection state. These data are then transmitted over special communications networks having very high coverage space but limited bandwidth. The charge reservoir is connected to the voltage supply to provide a current through the resistive element. A method of setting a packet transmission path includes setting N routing regions including at least one node between a source node and a destination node based on a predetermined N number of hops, N denoting an integer greater than or equal to two, and determining a node in each of the routing regions as a relay node based on a channel gain. The methods include coating colored particles in a compressed carrier fluid on the substrate of the dye-donor element.

1459828267-2fd1e0d9-2b96-490a-89f3-04df9295884e

A universal end cap and associated method are provided for rain gutter debris guards of the type having a top cap extending along a roof and over the open top of an associated gutter. The MIMO base station is configured to switch between a single-user -MIMO mode and a multiple-user -MIMO mode during communications with the plurality of MIMO UE devices based on multi-rank precoding matrix indicator feedback received from at least one of the MIMO UE devices. The PCB antenna is connected with a signal processing unit via the coaxial fed or the microstrip fed for transmitting the signal the PCB antenna received. The display unit displays for the calculated subcutaneous and visceral fat areas in a concentric circle format. One of the electrically conducting connection through the interconnection substrate is a grounding path for the power amplifier, while a thermal path is provided by

the semiconductor material.

1459828267-5b423e45-f29a-47f8-8e61-dba1d6c6a511

The present invention concerns a digital signal tuning apparatus which includes an offset frequency correction system. The device has a complex, three-dimensional structure in a relaxed configuration that may be used in the approximate shape of an anatomical cavity. The second grounding shield includes a second body portion and a second vertical portion extending from the second body portion in the first direction.

1459828267-716191b3-0432-445e-ab1b-c4958145b21c

A Radio Data System decoder circuit determines a subcarrier frequency utilizing only a 57 kHz RDS signal of an FM broadcast signal. The invention also relates to methods of treating hyperproliferative diseases by administering a retinoid X receptor agonist and an agent capable of activating protein kinase A. The latch is configured to engage the latch projection to move the first handle portion and the second handle portion toward one another. In response to the area determined using the SPS being remote from the area determined using the WLAN-PS, it is concluded that the one or more WLAN APs have been moved to be about the area determined using the SPS. A first set of rollers creates the primary and intermediate fin designs on at least one side of a board. In such embodiments, raised portions of the laminate corresponding to the non-adhesive regions and curled portions corresponding to the adhesive regions are visible.

1459828267-7a531b5e-7e76-48af-9e94-7b400a4079e0

A water treatment system may generally comprise a generally cylindrical halogenated resin bed comprising an empty bed contact time greater than 1 second, an aspect ratio less than 0. The irregularly-shaped side panel is first divided into two segments with a single straight line to define an inflation segment and an impact segment. The transportation unit transports plural conveyance receptacles in a sequential manner. A basic pattern adjustment unit 26 adjusts the coefficient of  $P_{u2032hij}$  to generate  $P_{u2032hij1}$  to  $P_{u2032hijn}$ .

1459828267-81ed1aa4-1191-479a-b349-d31947122e6e

The negative electrode or anode for a secondary electrochemical cell comprising a mixture of graphite or hairy carbon and a lithiated metal oxide, a lithiated mixed metal oxide or a lithiated metal sulfide, and preferably a lithiated metal vanadium oxide, is described. A storage managing server contains a policy definition file, a scenario definition file, a priority definition file, an execution result value file, a feedback definition file, and a scenario parameter definition file, and also obtains performance information and executes scenarios.  $0\text{ mCcm}^2$  in terms of electricity necessary for reduction and tin phosphate in an amount of 0. The filter cartridge includes a first end that electrically connects the filter cartridge to the telephone and a second end that faces outwards. The message is modified to present a health alert indicator by appending supplemental content to the message or by amending the content. More particularly, the present invention relates to the use of the synthetic receptors for delivering a protein, peptide, drug, prodrug, lipid, nucleic acid, carbohydrate or small molecule into a target cell via receptor-mediated endocytosis.

1459828268-c3616567-c57f-4707-8a8d-a1941f24ce2d

A wheel chart having at least one rigid disk formed by a compact disk which, in addition to having a mirrored or reflective layer capable of carrying reproducible information, has legible matter on an obverse side which cooperates with a member such as a transparent rigid disk which can also bear indicia to enable calculations to be made by relative rotation of the disks. A similarity value of a multimedia object to an object of interest is computed based on the attribute weights. Both sides then fold up to trap the charcoal in the middle of the grate.

1459828269-1af853ad-727b-4d2a-b6a3-381c9ee6b92e

The present invention provides a pharmaceutical composition which is useful as a phosphatidylinositol 3 kinase inhibitor and an antitumor agent, and it provides a novel bicyclic or tricyclic fused heteroaryl derivative or a salt thereof which possesses an excellent PI3K inhibiting activity and cancer cell growth inhibiting activity. The latter is provided with an annular thickening extending radially and axially, the said thickening being delimited by corresponding axial end stops and being force-fitted into the said channel. In this manner the MEMS Fabry-Perot array serves as a spectral filter of light passing through the Fabry-Perot array to the photodetector array. The first and second C-shaped bodies are coupled together forming an enclosure. 5 wt % of 1-hexene derived units, the sum of the amounts of propylene, ethylene and 1-. Doing so may improve application performance on a computer system configured using a non-uniform memory access architecture.

1459828269-2f848b63-acba-406a-8c5c-e3355434657e

The invention relates to a method and a device for the complete correction of sight defects in the human eye. An electrooptic element is disposed to convert an electrical signal from the microelectronic package to an optical signal for transmission to the coupler and waveguide, and/or to receive an optical signal and convert it to an electrical signal for transmission to the microelectronic package. The X-coordinates being in the tangential direction, the Y-coordinates being in the axial direction and the Z-coordinates being in the radial direction.

1459828269-906ce02b-d5e1-41c8-9b22-af6de302d831

A gain structure of an LED tubular lamp for uniforming light and dissipating heat is disclosed. A nozzle can be positioned at the first end of the drying chamber and be configured to atomize liquid and spray the atomized liquid into the interior of the drying chamber at a maximum spray pattern angle relative to the center axis. An identification of the tile module is input.

1459828269-b0de638e-4ec5-4b3d-aeb0-584a505af4fd

A liquid infusion and/or brewing process is described. The door is affixed to the exterior surface of the rotary kiln and includes a hatch pivotally secured at one side edge thereof by a pivot rod to a frame. The formulated paste is inert to cement embedment material and is pre-coated on the anode body prior to encapsulation.

1459828269-c4a3762d-d88d-4452-9d9c-1846b7c66743

A restraint system that evaluates factors such as the type of collision an automotive vehicle is experiencing and then, based on that evaluation, deploys a knee airbag and/or a head/torso airbag. In the preferred embodiment, M is an Aazta metal chelator or a derivative thereof. The pipe extends in the axial direction of an inner tube having such flexibility as a cloth, is smaller in the diameter, shorter and higher in rigidity than the inner tube. The invention further relates to a diverter strip with isolated segments of concave shapes being advantageous because of the good connection between the segments and the non-conductive material. An application forms a video that shows a turn at an intersection from a first road onto a second road. The methods and structures are directed to time-division duplex systems, and are particularly suited to those that incorporate orthogonal frequency division multiplexing.

1459828269-f6508d3f-50a2-437b-8385-6c41d6be0cb8

An apparatus comprising a full system monitor. The die provides a matched load to the drive circuit by also having a balancing load with an impedance, including both resistive and reactive components substantially identical to the load impedance of the semiconductor laser fabricated on the die. This invention advantageously reflects effectively and comprehensively the circular uniformity of the contact holes. The primary and secondary revolving members may be spherically or cylindrically shaped, independently.

1459828270-4a5b3016-498c-402e-99d3-207ab7bee549

A home entertainment network includes at least one client device connected to a server over a network, and the client has an interface to removable media. In particular, the polyester fabric has improved resistance to edge combing. The relative tendency of a fabric to pull apart under seam stress or similar action such as inflation of inflatable restraints. A plurality of portions of the construct may be interconnected using locations and paths determined and navigated with the navigation system. An activation operably coupled to the electrical control circuit to activate the vacuum pump when saliva is to be collected from the user's mouth. The support may include a temporary tank, pre-filled with powder and provided with an opening for discharging the powder towards the anode on the support.

1459828270-96c9f3bd-1e9e-4900-be5e-84cb0050b190

A floatable boat ramp is disclosed including a plurality of hollow planks arranged parallel to one another such that the upper surfaces thereof define a drivable surface. The mounting plate has the fixing device including at least one first groove with an approximately C-shaped cross-section, which extends in a linear manner in the extension direction of the mounting plate. Tertiary treatment can alternately or additionally be achieved in the bioreactor with nitrification of ammonia, with nitrification and denitrification, and with nitrification, denitrification, and chemical phosphorus removal. Accordingly, increase in current passing through the voltage-up converter caused by variation in the voltage command can be suppressed. Thus, a display device according to the invention has two functions of an image sensor function to read information of a subject by using an imaging device and a display function to display an image by using the imaging device and the light-emitting element.

1459828270-a503c0c1-ea63-4587-939d-36a161fa9cf1

An operator restraint system is provided. The devices encompass an on-line hardware pipelining architecture to support 3D translation, normalization, and weighted histogramming as required. The electrical conducting material is a sulfide having electronic conduction, and the electrode active material is a sulfide of an element which undergoes the alloying reaction with lithium. The method comprises the steps of adding an organotrialkoxysilane to water for hydrolysis, and adding spherical fine silicone elastomer particles having a volume average particle size of 0.

1459828271-3df98eff-09df-4b0c-b2b8-ab91dbf4eebb

A rebar installation system that uses rebar drive stations to secure rebar against the inner surface of a coil for securing thereto. A parabolic reflection vessel in the heater housing is separated from the parabolic lamp vessel by a convex lens. In the event of a tensile load, the expander enters the spacing element and forms a deformation zone that corresponds to the length of the spacing element. The target memory block may thus be initialized without the cache memory holding a valid copy of the target memory block. The rod and internal piece may be rotated for variability substantially in a plane, and a set screw is threaded into the receiving portion to lock the rod within the receiving portion.

1459828271-4e1d51fd-799d-46bd-846c-5e68b03194db

Methods for providing a SAM coating on a slider and subsequently removing a portion of the SAM coating. A joining structure is installed between the elbow pipe and the straight pipe so as to allow the elbow pipe and the straight pipe to turn through a predetermined angle relative to each other only when the elbow pipe is forced to turn and further to keep them in a turned position while the elbow pipe is unforced. To reduce complexity, the forward recursion incorporates the techniques of delayed decision feedback sequence estimation to construct a reduced state space. In a case where detailed guidance is necessary, the screen is switched to a detailed maintenance screen. The photodiode is positioned to receive laser light at

the first order diffraction and provide a signal indicative of the magnitude of the first order diffraction laser light produced by the AOM. This invention also includes the method of making this rubber cement composition and of using this adhesive to bond to surfaces together.

1459828271-d8a3d89e-6f3e-4e08-8b60-e2ad6160d34a

A Fiber-wireless uplink consists of a wireless channel followed by a radio-over-fiber link. Then, by fitting together an engaging hook, a projecting hook, and peripheral edges of a visor cover and the visor rim, the visor rim and the visor cover are assembled. The variable-volume lens includes a lens film, an accommodation space wrapped by the lens film, and a transparent fluid within the accommodation space. A charge delay register is included in the event-driven X-ray CCD imager device to enable recovery of the charge packets from neighboring pixels for accurate measurement.

1459828272-9e709efb-7858-4544-8584-2ce873a0c7ee

In a device for measuring angular positions by using radar pulses and mutually overlapping beam characteristics of at least two antenna elements, a switchable phase shifter is provided in the signal path of at least one antenna element which is switchable in the time-division multiplexing between different phase states. When mail is added to the mail receiving receptacle the machine conveys only the mail for one address to the mail delivery receptacle and then stops until the mail delivery receptacle is clear. The system stalls the returned behavioural characteristics from the second model in a memo table and when a sufficient number of these have been returned with sufficiently little variation between them, then they are marked as being valid for use in place of a call to the second model, thus speeding up modelling. This top layer is thick, without sacrificing resistance to delamination, particularly at brazing conditions. The method results in a large area of the semipolar N thin films, heterostructures, and devices being parallel to the substrate surface.

1459828272-c2b0f227-45a0-4588-88f4-ccfc2d02973e

According to one embodiment, a client system supported by remote maintenance in an electronic network configured to serve a plurality of clients may include an electronic network, a plurality of storage resources, a first virtual machine, a second virtual machine, and a virtual machine manager. The image reading unit reads images of a plurality of documents and generates read image data of the plurality of documents. The second communication node then estimates an offered bit rate for the communication device within the second cell of the second communication node based on at least one parameter of the second cell. Searches proceed against a first tree, while the second tree is used for performing updates. Since a horizontalvertical placement change-over switch is operated in accordance with the horizontalvertical placement of the cabinet, a video image can be projected correctly onto a screen regardless of the horizontalvertical placement of the cabinet.

1459828272-d250520e-8bfa-4921-99de-c9b574367e23

Embodiments of the present invention relate to a method. The purpose of the handle bar is to provide a safety mechanism for kids to hold on to while sitting in the saddle and riding. A segmented lens can be used to create multiple focal points simultaneously. The system may have a sensor for detecting presence of the person and for initiating operation of the source of penetrating radiation in response thereto. The operation of statistical estimation of the second gain value includes evaluating a threshold value as a function of the desired image parameters and setting to zero a percentage of coefficients of the first quantized data as a function of the threshold value. The pickets are preferably characterized by a W-shaped profile, and preferably include longitudinal strengthening ribs.

1459828272-f64f4fc7-d313-4924-9ebe-3863f6a42070

A method for controlling the supply of liquid to an aerosol generator comprises operating a liquid supply system to supply a liquid to a vibratable aperture plate of an aerosol generator which senses an amount of liquid adhering to the vibratable aperture plate, and controls operation of the liquid supply system to adjust the amount of liquid adhering to the vibratable aperture plate. Therefore, there is realized an optical system capable of effectively correcting chromatic aberration while having a structure in which a manufacturing cost is low and an environmental resistance is high. A photosensitive pattern is formed over the anti-reflective coating layer. The polybenzoxazole-based mixed matrix membranes of the present invention can be fabricated into any convenient geometry such as flat sheet, tube, hollow fiber, or thin film composite. The projection screen has structure constructed and arranged to selectively reflect only incident optical energy of a predetermined number of narrow bands of optical wavelength regions.

1459828273-7127124b-efbd-42bf-b289-6712d436d216

An assembly for holding or supporting a timepiece balance spring includes a balance spring stud and a stud-holder. Anti-radiation homing antennas and down conversion elements are added to the missile and coupled to existing signal-processing hardware. In addition, the invention maintains a searchable text file to allow a user to find desired subject matter within the presentation, and to display the corresponding screen. A ring-like manifold passes through the interior of the pillow and communicates with each compartment. The buttress is generally circular in shape with an outer diameter sized to coincide with the outer diameter of the stapler body staple compression surface and the outer diameter of the anvil compression surface of a circular stapler with which it is used. The wire grid polarizer patterns on each of the first and second sheet are mechanically translatable relative to each other, wherein the mechanical translation controls transmission of light through the light transmissive panel.

1459828273-73764d95-e1d0-4e7d-b431-9f2779fe65b3

A silica powder surface-treated with and epoxy compound having a plurality of epoxy groups, in which at least one epoxy group of the epoxy compound is ring-opened to bind to the surface of the silica powder and at least a portion of the remaining epoxy groups of the epoxy compound are bonded to amine compounds. The device communicates with the reader in order to determine the security of the container to which the device is attached. Corresponding sets of cards are disclosed. For example, if one of the input descriptions and output descriptions is scrolled, the other descriptions may be automatically scrolled. The cleansed oxidant stream is then delivered to the hydrogen processor and to the fuel cell assembly, with minimal inclusion of detrimental contaminants such as sulfur. A host computer receives from a client computer, a device name that includes as part of the device name at least a wildcard character.

1459828273-f8ee95bc-4be7-4444-94cf-db0420d998b4

A method to operate an electronic controlled internal combustion engine with an electronic controller having memory and tables resident therein to obtain and use sensor data beyond the Nyquist threshold. An intake air duct draws outside air into the engine compartment. The second lens group includes a negative lens, a first positive lens, and a second positive lens, and the optical system includes a compound type aspherical lens constructed by a glass material and a resin material. The heater may be located downstream of a gas turbine engine that cogenerates electricity and provides the oxygen-containing gas.

1459828274-5171bfec-8e5d-4631-af69-3c081457dee8

A drive axle assembly includes a non-rotating spindle having a cylindrical body defining an internal cavity and an axle shaft assembly mounted within the internal cavity for rotation about an axis. The substrate comprises an inner layer conductor and a cavity comprising the bottom surface on which a part of the inner layer conductor is exposed. A special bar code is described that has additional

information, but can be read by other readers.

1459828274-6243853d-7de7-450e-8854-82bab9d29c1e

A continuous dyeing device and related processes using indigo and/or other colorants for warp yarn chains and/or for fabrics, equipped with at least a first and a second dyeing compartments containing dyeing baths, the first and second dyeing compartments being enclosed, at least partially, in a hermetically sealed chamber. A cantilever is formed on the single crystal silicon substrate, and the thickness of the cantilever in a direction parallel to the surface of the single crystal silicon substrate is made smaller than the thickness of the cantilever in the direction of the depth of the single crystal silicon substrate, and movable in a direction parallel to the substrate surface. A total of products of  $C_n$  and  $W_n$  satisfies a numerical formula:  $\sum_{n=1}^N C_n W_n \geq 1$  where  $C_n$  and  $W_n$  denote respectively a photoelastic coefficient and a volume fraction of each polymer material, and at least one of the polymer materials of the film has a photoelastic coefficient value of at least  $60 \times 10^{-11}$  cm<sup>2</sup>/N. Thus, the intake air temperature correction retardation amount  $\Delta T_{air}$  is set to an intake air temperature correction retardation amount  $\Delta T_{air,off}$  for the time when EGR is off, which corresponds to the intake air temperature  $T_{Ha}$  and the engine load  $KL$ . Transferring the data may also include, in response to the  $wpmode$  flag being set, transferring additional data from the local storage device to the remote storage device. The two-stroke engine has a transverse plane dividing the cylinder in a direction of the longitudinal cylinder axis.

1459828274-b62cf4d4-e420-4056-b531-344515321192

A method of the present invention is used to control a flying height of a head operable to read data from and write data to a disk of a recording medium housed in an enclosure. The block-histogram calculation unit 113 calculates the number of pixels, as a block histogram, included in each of luminance blocks which are obtained by dividing a luminance image in a spatial direction and a luminance direction. The system includes one or more presentation applications, each presentation application operable to provide a presentation output and a plurality of augmentation and presentation control modules operable to provide user augmentations of the presentation output. The 15 is a plate shape member for reflecting the light outputted from the 13 and for transmitting the light to the 11, that the light from the 11 permeate. Filter positioning means are provided for supporting and positioning the hollow cylindrical filter element.

1459828275-48a29fec-9b3a-4c0d-be79-d8db47816e2d

A water diverter assembly is positionable in a skimmer chamber between a well and a pool. An oxide film is formed on the surface of a silicon substrate having a 100 face. The inclusions function as crack initiators during the fabrication process as well as crack arrestors preventing the propagation of the cracks farther into the matrix material. A gate ARC layer is formed over the gate layer.

1459828275-8b8f404a-0945-4dff-b58d-b5af80c3b69b

A touch panel includes a substrate, a first adhesive layer stacked on the substrate, a first conductive layer stacked on the first adhesive layer and having a first electrode pattern, a second adhesive layer stacked on the first adhesive layer and the first conductive layer, and a second conductive layer stacked on the second adhesive layer and having a second electrode pattern. The signals are rectified and voltage multiplied, and the resultant DC voltage is provided to a power management circuit. The shaft may be positioned proximate the surface. The layer of superconductive YBCO material is thereupon applied all around, and the heat treatment is finally carried out. A magnet having  $2n$  poles is mounted on the base, and rotates the hub using electromagnetic force between the magnet and the coil. The light-altering component is positioned relative to the mounting apparatus for receiving and altering light from the first light source when the first light source is engaged with the first fixture such that the altered light illuminates at

least a portion of the room with thematic light.

1459828275-9e39c371-2e8d-46f8-88e8-46a7998c9488

The invention relates to a new process for producing useful intermediates for the manufacture of NEP inhibitors or prodrugs thereof, in particular NEP inhibitors comprising a g-amino-d-biphenyl-a-methylalkanoic acid, or acid ester, backbone, such as N----4-amino--methyl butanoic acid ethyl ester or salt thereof. A category structure may be accessed. An electromagnetic network provided to couple the first and the second oscillators includes a transformer with a primary circuit and a secondary circuit. In addition, the shape of the cover allows for good accommodation of the fender. This allows increase in the number of semiconductor chips producible per semiconductor wafer, resulting in reduced manufacturing cost thereof.

1459828276-0937a65d-0f55-429a-aa0e-43bd4a14474e

A non-fouling, bypass filter is disclosed. Specifically, there is disclosed a memory having a plurality of columns of memory cells, with each column of memory cells being coupled to a bit or data line. A floor of the multi-story building is formed by arranging the modular units so that the slab of a first modular unit is positioned on the receiving lip of a second modular unit.

1459828276-13924a79-0a7c-4b36-8348-ce407c77d9db

The invention provides a gas insulated switchgear, and a method for detecting arc damage in a part used in a gas insulated switchgear, which detect directly when an electric contact or a peripheral part reaches an initially set wear limit. Each of the p type layers is separated from each of the n type layers by one of the intrinsic layers. When a request to establish a connection is received directed to a graylisted address, the connection is permitted to establish and the connection is added to a session graylist. In particular, the present invention relates to a method that utilizes reporter oligonucleotides as biochemical barcodes for detecting multiple protein structures or other target analytes in one solution. The DNS server may then be queried to determine that the mobile node with that nickname is on-line and/or to determine how to reach the mobile node with that nickname.

1459828276-212e1d10-0ddd-4450-be67-784c87e83a29

In order to even out the electrolytic treatment of workpieces 9 made of electrically non-conductive material and having a very thin base metallising 6, 8, a device is employed in a manner according to the invention comprising means for bringing treatment liquid into contact with the workpieces 9, means 10 for electrical contracting of the workpieces 9 at contacting sites and counterelectrodes 5. The insulating layer includes at least a polymeric resin; at least a fluorinated organic filler; and at least a non-ionic fluorinated surfactant. The positions of input/output coupling electrodes on the mounting surface with respect to the circuit board are aligned with the positions of the input/output coupling electrodes on the circuit board. The controller inhibits the discharge operation of the remaining recording sheets even if the recording sheets have not been stacked in the another stacking unit when the adjacent stacking unit is nonusable by the other recording sheets. In another embodiment of the invention, each enterprise object has a primary key that is used to maintain the identification between an enterprise object instance and a corresponding database row. The peripheral wall has a length slightly less than the width of the structural wall thereby positioning the installed electrical devices flush or slightly less than flush with the outer surfaces of the structural wall.

1459828276-92ecfa6e-df52-42e4-a09f-00e17c2a5c41

A combustion chamber for a swirl flow two valve spark ignition direct injection engine includes a cylinder with a closed end having a wedge shaped combustion chamber recess. An air supply means, supplying air taken from outside into the wafer treating chamber, includes a chemical contaminant removal means for removing



chemical contaminants from the air. Additionally, an optical excitation source is provided.

1459828277-37127168-3ba9-48ad-b3b4-549ab03e3aa6

A method of making a bread product comprising formulating and mixing a bread dough having flour as a major ingredient, and having the following additional ingredients, where percentages are based on the flour weight:Ingredients %Salt\u20021. Optional guide vanes positioned on the plows can further control the grinding process. Slots extend longitudinally parallel and adjacent to the base top, the cutout sides, and the cutout bottom. A second probe is shielded from the falling precipitation. The panel housing is provided with an opening such that when the panel housing is unfolded, the adjacent sides of the fiat display elements closes contact each other. The connecting protrusion is adapted to be inserted into the connecting holes.

1459828277-86699c67-7a55-4c63-9a85-429e91fa1f61

A semiconductor arrangement includes a first and second controllable vertical n-channel semiconductor chip. If the resinous material is thermoplastic, the material may be heated to mechanically bond to contact surfaces. The cooling apparatus includes a pair of fastening blocks, one or two heat conducting blocks, and at least one heat pipe. The driven tab enables to push back the safety closure into an opening position allowing the gas to flow in the valve.

1459828277-ce27ffd9-fd1c-42b2-8452-e826e28a9ef1

A unitary elongated member comprises bends at predetermined locations to form an upper ring and a lower ring. An etch stop layer is formed over the metal feature and the dielectric layer using a precursor and a carbon-source gas including carbon as precursors. The container with the straw and the float is transported to an anchoring machine which engages the straw and the container to trap the straw and float entirely within the container.

1459828277-e86a66a7-75d2-470a-8b34-e1e2cc3cb811

A method, apparatus, and article of manufacture altering a displayed image presented to a user on a viewing device using a user-controlled orientation of the viewing device to determine how the displayed image is to be presented. Since the coupling ring is locked by the joint, the rotation shaft is prevented from being arbitrarily separated from the joint. The control section controls the selectors 24, selectors 25, buffers 26 and sign multipliers 27 in accordance with whether the input discrete-cosine block has been subjected to field division and where the discrete-cosine coefficients are located in the block.

1459828278-2145a784-0e83-45f1-a0b8-3b7d876888d8

The invention relates to a phase shift mask for lithographically producing small structures at the limit of a resolution that is predetermined by the wavelength of the exposure radiation. The coating comprises a resin and a polymeric colorant. In addition, the use of the thick portion prevents cracking from occurring between the translucent electrode and the circumferential surface of the pad electrode.

1459828278-af1b8108-b3f5-4963-9df8-00d6fe026306

The objective of the present invention is to provide a laminated phase retarder film that is superior in evenness, exhibits a biaxial optical property as a whole, and makes it possible to set the biaxial optical property over a wide range. The method includes the step of sealing and severing a pair of web portions along lines defined by coextensive first side edges and coextensive second side edges of decorative portions. As each high-level document command is implemented, an entry representing the high-level document command is set in a notification table stored in a persistent memory such as the database. A detent mechanism positioned within the camblock contacts a surface of a slide stop pin to hold the slide stop latch in place. The fine rotation butterfly circuit uses the control information to rotate

the intermediate complex number by a fine angle  $\theta$  to produce the complex output signal. Particularly, the invention discloses a modular system having the condenser and/or evaporator heat exchangers mounted outboard of the modules and being easily removable and separable by virtue of their positioning and valving.

1459828278-b96889b8-e024-4bda-a923-a618a587bc3d

The present invention is drawn to disinfectant compositions, which are human safe, e. The invention thus relates to the plants, seeds and tissue cultures of the variety CH952875, and to methods for producing a corn plant produced by crossing a corn plant of variety CH952875 with itself or with another corn plant, such as a plant of another variety. In the presence of a healthy macula, the blue light is filtered out and the fixation reflex is absent. A mail slot is provided in the security door which allows for a mail carrier to deposit mail within the central cavity of the mailbox. A one- or two-component epoxy adhesive, structural foam, or matrix material for composites, comprising the aforesaid resin components, , substantially complementary to a specific location of the chromosome.

1459828279-46093b19-ccb6-4e0d-941e-79b06303deb9

The present invention provides to patches having excellent skin-permeability and therapeutic effect by the drug with lower irritation. A mobile, manually portable device is utilized, which has an interface for a wireless Internet access. The menu file is downloaded first, and then data files for the overlays are downloaded in sequence.

1459828279-85828c6b-fe6f-444c-91ba-e1e7257b3ce0

A content user terminal including a utilization unit that provides a content utilization, and an interface unit 137 that inquires the content utilization availability to the portable content usage rule management device via a wireless communication and obtains a content utilization permission data which is a inquiry result via a wireless communication. The contact lists may be conventional contacts stored in a list of contacts on a scheduling and information management or other software packages in one embodiment. The method gathers the duty cycle ratio related to the fan from the PWM signal and an actual rotation speed of the fan from the TACH signal, and displays the duty cycle ratio and the actual rotation speed together on the test board. The electrolyzed alkaline water produced by this method is effective in cleaning and disinfecting both soft and hard surfaces. Increased viewership of advertisements can result in increased revenue generated from advertisements that may be realized by television programs, television producers, networks, and advertisers. The iCaf<sup>®</sup> may provide a search and/or document notification service and perform searches, download documents, and check for changes to specified documents even when the user is not logged on or using a computer at the iCaf<sup>®</sup>.

1459828279-c02706d2-2b5b-4fed-90a5-6d97a6c6d084

The invention describes a process for the determination of the concentration distribution and size distribution of lipoprotein classes in body fluids, e. A mandrel extends axially through the cylinder, and has a threaded portion engaged with the cylinder, such that rotation of the mandrel causes compression of the cylinder. The noise insulation sheet 20 is provided between the door inner panel 11 and the door trim 12, where it is hung down from the upper side to the lower side of the door inner panel like a curtain. In order to solve this problem, a mast is extended vertically from a lower frame and a platform that elevates and lowers along the mast wherein a ladder is extended vertically at a position opposite to the mast across the platform in a direction in which the lower frame runs, and a top of the mast and a top of the ladder is connected together via an upper frame.

1459828280-6a096956-eb4d-4e6f-9281-0bac6fee79a3

There is described a signal processing apparatus, which conducts processing of a signal outputted from an image capturing element that converts an optical image

obtained by irradiating light on an object such as document to an electric signal. Points of changing the signals with respect to a time base are set with time delays that lag behind one another during one period of a reference internal clock signal to reduce the number of simultaneous changes of output signals. The disks are mounted in spaced-apart relation on the center conductor pin and have different radiuses which decrease with increasing distance from the base of the center conductor pin. Each roller in the assembly can individually rotate around its center axis as the assembly itself rotates over a specific RPM range causing the longitudinal side of each roller to continuously strike the tires' treaded lower half at a predetermined position.

1459828280-708ac352-ff8e-46b1-91aa-bc4cd1b6b7d8

The invention discloses novel sulfur-containing naphthalimide derivatives, and the preparation and uses thereof. Each of the first light distributing elements includes a first refractive index pattern and a second refractive index pattern surrounding the first refractive index pattern. A first measurement scale is provided in which a plurality of uniquely color-coded base units of measurement are periodically disposed on the base medium. The data is divided into a plurality of segments.

1459828280-96d5776f-40e0-4c66-b845-d69ffc25b954

Methods and apparatus related to providing one or more completion step suggestions for a task that is associated with a user. Further, the apparatus is able to receive two interleaved streams of low-latency streaming interactive video. Second capability data is transmitted to the first device from the second device. The plug securing device is removed and the plug disconnected from the outlet when the user pressed the plug securing device into the replacement electrical cover and presses in on the sides of the plug securing device. chain, strap or cord, which extends along an axis of force application in the exercise machine.

1459828281-0f92dacd-d8fc-466e-b8c4-ffe32061c681

An insecticidal composition having as an adjuvant a phosphonate or an alkoxyated derivative or dimer thereof. A virtual view position movement module moves a first virtual view position for a first player and a second virtual view position for a second player at the predetermined speed, but stops the movement of the first virtual view position upon detecting first stop information and stops the movement of the second virtual view position upon detecting second stop information. The rolling ball is made of transparent material and the distance thereof with the light receiver is adjustable to vary image resolution.

1459828281-4dbe27a4-2575-4840-b806-16de70440216

A user interface is provided wherein a set of items is displayed as a set of item representations, and wherein a filtered subset of those items are visually identified in accordance with a user-defined criterion. When the application makes a request of a particular service, a service verification module compares the requested service to the list of available services and if the requested service is found in the list of available services, sends a signal to the application, the signal allowing access to the requested service for the application. Upon receipt, a second key material is generated at the second modem and is sent to the first modem. The first trigger circuit is serially connected to the first transistor between a first level and a second level and is connected with the first transistor in a first node. The adhesive sheet includes a base material and, formed thereon, an adhesive layer having an adhesive composition including an acrylic copolymer containing 20 to 95% by weight of a structural unit derived from a benzyl acrylate, an epoxy thermosetting resin, and a thermosetting agent.

1459828281-6fc19b5e-7035-4cc1-b519-1d7155e6707d

A computer display includes a screen, a workstation port configured to receive a workstation signal from a workstation controller, and a wireless port configured to

receive an external signal from an external device. Each of the first and second guide plates has a plurality of protrusions extending from an outer side thereof and recesses defined in an inner side thereof. The wick is disposed on an inner wall of the evaporating section.

1459828281-828224cf-6048-4f23-bd57-82c76f8e2519

A dispersion correction circuit is provided for use with an input driving signal. The plasma display panel includes a plurality of discharge cells defined by a corresponding plurality of barrier ribs, and a phosphor layer formed on the bottom surface of the discharge cells and side surfaces of the barrier ribs. The stringer is spaced both from the nose of the surfboard and from the tail of the surfboard so that the nose and tail are more flexible than the length containing the stringer. When the first member and the second member are separated, the first member forms a small tape dispenser to mount a small tape roll on the first tape roll mount and cut a tape of the small tape roll by the cutter.

1459828282-166c9f29-cbe8-4f26-9064-82e51325cffc

The invention provides a semiconductor device and a method for manufacturing the same that are capable of contributing to a further chip downsizing in the cross-point FeRAM. An image of the spatial light modulator can be formed upon the imaging device and a controller can be used to position optical elements in a manner that effects translation, rotation, and scaling of the image so as to provide desired alignment. The example can determine a distance from the location of the mobile device to a location of a wireless device. A nonmagnetic layer is provided on the third ferromagnetic layer, and a gate insulating film and gate electrode are provided in that order on the side face of the nonmagnetic semiconductor layer. The device location determination also includes determining a location of the device from the signal strength values and performing a remote function with respect to the vehicle.

1459828282-8e3bf1fb-4a94-4cf4-b5e7-ac2872d01ecd

An aqueous, alkaline cleaning composition for use on hard-to-clean soils, encountered in pharmaceutical, personal care, food and cosmetic manufacturing, comprising a source of alkalinity, a biodegradable surfactant system further comprising one or more surfactants, one or more hydrotropes, and a UV-analyzable surfactant, and a biodegradable chelating agent. Video compression via a video compression unit and video transmission via a video transmission unit are performed in parallel. A first mechanism selectively adjusts the vertical position of the horizontal member, while a second mechanism selectively adjusts the horizontal position of the vertical members to define a first projectile target area. Magnetic fields surround the force-sensitive regions and are altered by force vectors passing through the force sensitive region. In a preferred aspect, R comprises 15-16 atomic % B; of which Ce is approximately 0. The pools of virtual processors have assigned physical processors.

1459828282-98d5a35d-be7f-40ab-aafb-74ad943087e4

Liquid cooling systems and apparatus and data processing systems and communication systems with liquid cooling systems are presented. A filter is disposed on a light emitting forward path with a space to the semiconductor light emitter to reflect back at least a portion of the first light. In order to prevent an unauthorized, unintended, or undesired transmission of at least part of the body image data, one or more settings or policies can be specified that can control which portions are transmitted, received, and/or displayed. In one embodiment, a prepreg is further disposed within the molding chamber, wherein the prepreg is disposed on the first surface of the elastic layer. And, a notification for corrective action is issued if the temperature is out of a predetermined alarm range.

1459828283-80ebf413-1ca7-4584-b730-9b2a977e8ebc

A bearing member placed at an end of a photosensitive drum, and a shaft member is

attached thereto. Each coil has a first end disposed inside its respective coil and a second end disposed at an outer perimeter of its respective coil. The RFID tag includes memory which stores a value representing cumulative duration of use of the light bulb. If an HARQ message for the initial slot data is received from the receiver, indicating that at least one of the sub-block in the initial slot data has a reception error and the other sub-blocks are good in reception, slot data with a sub-block having an error repeated within the number of the sub-blocks is retransmitted after transmission of initial slot data. Compositions containing the above ingredients and at least one free radical initiator, curable compositions containing the combination and processes for making and using the compositions are also disclosed. If desired, monitoring and estimating of network congestion can be initiated only after identifying the existence of network congestion, for example, represented by a lack of flow control tokens at a sender node for a destination node.

1459828283-e2cd28c8-c687-4a26-b59b-27ba5fa81259

Prior art methods of receiving, organizing, and implementing the data transmitted to mobile devices, such as ESG fragments, have a great impact on mobile device performance and battery lifetime. Also described is an embodiment of the invention directed to a laboratory automation system, a method of laboratory automation, a computer implemented software program product, a method of doing business, and a laboratory automation network. The monitoring circuitry having: manipulation circuitry to transform monitored data and combine it with previously manipulated values; and registers to store previously manipulated values; and counters to count events; and condition detection circuitry for detecting when a signal is at a specific value or range of values. An electrode is joined to the soldering portion by solder. The received audio data is provided to audio equipment for output. Analogous to a web browser, the AGC provides facility for retrieving the associated XML application from its website and processing the call accordingly.

1459828284-179a57fd-970d-40dc-854c-d0a18876fdc9

A method of manufacturing a CMOS image sensor. The exit tray is insertable in and removable from the body of the image forming apparatus. A space between the external wall of the preform and the internal wall of the mold is tailored to the thickness of the external layer of the hollow body to be obtained, so as to allow migration of the thermoplastic of the interlayer, and possible of the liner, beyond the interlayer. In one aspect, the audio signal and video image specification are transmitted to an audiovideo signal transmission system.

1459828284-1afc2ea6-d5bd-468b-9108-752bff88ffca

A computer executable process for simultaneous visual depiction of plural text hierarchies of a visually displayable machine readable text, including provisions for a visual cue as to a location of a user select text within the simultaneous visual depiction of plural text hierarchies is provided. The p-type silicon layer interposed between the n-type silicon is then subject to an anodization process to form porous silicon. The output is buffered by another inventor.

1459828284-509d63cc-97c5-43d9-b46a-008fa05755fb

Content monitoring and control technology, in which content download activity, content playing activity, and/or remote control activity of a media system is monitored. The transverse flow motor has a stator and a rotor, whereby the stator includes U-shaped stator blades which form a cylindrical ring, and whereby the rotor has permanent magnets which are arranged at the pole ends of the stator blades and which form cylindrical or annular rotor elements. The apparatus also includes a signal processor that provides an angle measurement \u003b1m.

1459828284-7be49de0-5ccc-47c1-9bdb-1af98fade31c

Method and systems are disclosed for enabling a computer system to generate a request that includes an instruction identifying the authentication method or

methods to be used when authenticating a subset of the client computer systems or users network connected to a server computer system. Next, the network checks the authenticity of the user using a ciphering key, corresponding to the temporary user mobile identifier and a random number. The support member includes: a contact part which contacts the blade; and a pair of attachment parts which are attached to the housing. The wrapper, in turn, directly calls the associated platform dependent method. The method allows simulation of the thermal and electrical behavior of a battery. After channel estimation has been performed, the phases of the received data symbols are analyzed in order to determine the frequency shift.

1459828284-f2ca27f3-8c13-4728-bc77-c1b6c419f0f5

A method for producing a semiconductor device having a sidewall insulation includes providing a semiconductor body having a first side and a second side lying opposite the first side. The handle unit includes a handle-side connector having a handle-side connector terminal section, rear handle fixing members for mounting the handle unit to the main unit, a connector fixing plate for mounting the handle-side connector to the handle unit, and resilient members interposed between the handle-side connector and the connector fixing plate. A circular arc wall surrounds around web of the crankshaft with a slight distance from the web. Wireless communication is with a transceiver mounted in or on a lapel unit, a walkie-talkie, or at a remote location. The example method includes receiving a moment and force input from a test object surface and reconstructing the surface topology based on the neural network outputs.

1459828285-72d446a3-fb6e-4de1-8996-0a7c0ff956c1

A semiconductor device includes a substrate of a first type of conductivity provided with at least one gate on one of its faces, and at least two doped regions of a second type of conductivity for forming a drain region and a source region. The semiconductor laminated body includes a plurality of trenches arranged in a periodical manner to penetrate through the second semiconductor layer and the semiconductor light emitting layer and reach the first semiconductor layer. Furthermore, the dental materials have increased resistance to microleakage and have increased bond strengths. The binarized data is split according to types of objects, and characters and line drawings are vectorized and stored in a storage unit. Due to the reduced dimensions of the thin-walled first nozzle portion, a much smaller weld pad and pad-to-nozzle weld can be used. Compliant LGA bumps are applied to the uncured conductive adhesive material which material is then cured.

1459828285-d5907d8b-cd76-41d6-ad47-811ca370f2fd

An image forming apparatus and a method of editing a routing table are provided. The QSTA generates a random number between 0 and 1. There is also provided a liquid-crystal display device having an illuminator defined above, and a liquid-crystal cell disposed on a light exit side of the illuminator through the polarizing member of the illuminator. 6; and wherein a ratio  $KL$  of a face thickness  $K$  to a flank thickness  $L$  in the tool is 1. flip-flops connected in series in each data path. The fuel tank is connected to a fuel cell and includes a tank body having a fuel opening and a pin hole for maintaining an inside pressure, a floater positioned on a surface of the fuel stored in the tank body, and an air pipe connected to the pin hole and an upper part of the floater.

1459828286-11d53ef3-31f7-4bd8-acd9-2bfd5c680fb5

A display and scanning assembly wherein light reflected from an image being scanned is transmitted to an optical sensor through an optical shutter assembly via a light guide assembly is disclosed. The sealing lip of the sealing device is applied to the front side of the roller by means of a sealing contact. The width of the first core layer is defined based on the width of an unoxidized semiconductor material sandwiched between oxide films the parts of which are thermally oxidized. The image detected by the detector represents a difference in amplitude and phase distributions of the reticles allowing foreign particles, defects, or the like, to

be easily distinguished.

1459828286-4f99408e-b497-4865-8fde-693b491005e6

An electrically insulative conformal coating is applied at least to the active side and one or more sidewalls of the die during wafer processing. The mobile transmitter periodically transmits a mobile open signal as it moves away from the reception range of the base operator until that signal is lost. The first and second control gates adjacent to each other with the impurity layer interposed are connected to a common contact section. Within the media center extension device, the second media stream is decoded into a second media signal, which is rendered for display on a display device.

1459828286-65a79ac4-bed1-42cb-bf01-7fbc7ca765a3

The present invention provides a security module having a communication interface being capable of operating according to any from a selection from a plurality of predetermined operation modes or communication protocols. The scene is modeled as if viewed from above, including a representation of a viewer's eyes, a representation of a viewing screen, and an indication simulating what each of the viewer eyes perceives on the viewing screen. The valve assembly defining a fluid flow path passing, in a first fluid flow mode, between the valve member and the valve seat, and into the fluid passage.

1459828286-84eee18d-f791-4b6c-9f60-4cfbd1021a60

The invention relates to a robot, specifically a painting robot, having at least one moveable member which has a conduit for lines which houses at least one line. An error management part manages the number of times errors occur in respective disk drives. Acoustic energy may be introduced to a focal zone and narrow band interrogating signals may be used. In other embodiments, the wound treatment appliance also includes a vacuum system to supply reduced pressure to the portion of the body to be treated in the volume under the enclosure. The priming valve has an inlet and an outlet. Machine data is a product of information-processing systems and represents the evidence of particular events that have taken place and been recorded in raw data format.

1459828287-1e61d3ab-348e-4e3c-8075-e81fee01350d

Metal-insulator-metal capacitors and methods for fabricating MIM capacitors. Curvature at each of a plurality of points on the stroke is estimated. A corresponding device that serves to control the motor is provided, in order to process these rotor position signals into a signal that indicates the absolute rotational position of the rotor. A first filter is provided in a signal path between the second port of the first signal combiner distributor and the sixth port of the second signal combiner distributor.

1459828287-7d04c6f3-d0cd-4ea0-bccd-d9c6e945baf6

A method of storing gamma data in a display device is disclosed. The voice coil motor is received in the housing. The belt retractor is further provided with a switch device with which the energy absorption is adjusted. The toy also includes a digger assembly mounted to the rear portion of the frame and having a bucket with wheels that is removable, the bucket being operative as a wagon when removed. In use for cooling liquids, the heat exchangers are arranged within a frame and brought into contact with the liquid to be cooled. An inner end of the lens is rested on the recess.

1459828287-fddc52af-adec-4c28-a47c-bf1d1c036208

It is an object of the present invention to provide a thermal transfer sheet which has a conductive primer layer having adequate adhesion and heat resistance without using a binder resin, has an excellent antistatic property, and hardly causes troubles in printing. A cartridge, being the largest in size among a plurality of process cartridges, is detachably arranged at a location at which it is first

exposed to outside when a cartridge tray is drawn out. The system also includes a wave reflection device configured to sequentially reflect each of the plurality of radar transmission signals onto separate respective spot-portions of the antenna reflector.

1459828288-28aa193f-7ea8-422c-859a-9bf4d18182e9

A medical device comprising a medical procedure patient platform having a peripheral edge, a length of the peripheral edge having a substantially rigid male connecting member; and, an extension having a substantially and permanently rigid female connecting member, the female connecting member configured for rotational mating attachment with male connecting member. A tab extends outwardly from and generally parallel to a plane defined by the second side of the habitat piece. An overhung metering blade mounted at the housing opening meters a layer of uncharged toner onto the dispensing roll. The fixing device is used for fixing the inner plug onto the outer plug. A multiflow guarantee processing unit guarantees an execution result of the previous flow stored in an allocation register on a register update buffer until the following flow is committed. The resulting U+4 oxidizes and solubilizes rough uranium deposited on the surface of the cathode.

1459828288-64ffc50d-f8e3-43c1-96af-6596da668bbe

The yield of a sealing process for a semiconductor device which adopts a flip-chip mounting method is to be improved. The disclosed method is particularly suitable for the fabrication of microelectronic devices and components thereof including the fabrication of field emission display devices. The efficacy of the technique for high resolution separation of oligonucleotides is demonstrated for an industrial mixture.

1459828290-a4ffe361-2f94-40eb-b86e-44fd8b49e598

To monitor light pulses from a light source, such as a laser, sense signals are provided to a photosensing component or array, causing photosensing during a series of one or more sense periods for the light pulse. The first substrate has a common potential line and at least one testing line separated from the common potential line, and the second substrate is disposed above the first substrate. Each transverse border possesses a cutting edge situated at the intersection between said borders and the inside face, each transverse border co-operating with the inside face to form a cutting angle lying in the range 6° to 18°. The zwitterionic block copolymer is configured to undergo microphase separation to assemble into alternating lamellar domains; with one of the alternating domains being composed of the first terminal block, and with another of the alternating domains being composed of the second terminal block. An actuating mechanism operates a locking element of the opening in response to a sliding of the hooking head with respect to the elongated member.

1459828290-ba50add9-1678-441a-b7f4-8dd230b83e35

An exercise machine has a main frame and a user support frame pivotally mounted relative to the main frame for rotation about a user support pivot axis between start and end positions. According to this image processing method, it is possible to precisely and quickly determine an area of a particular image from a moving image. , with standard commercial fruit growing practices, such as pruning, thinning, spraying, irrigation and fertilization. These feature vectors are then accumulated and aggregated automatically in order to generate a data set that can be statistically analyzed, data mined and/or queried. One or more of the basis vectors are selected and set as the TOC print for the CD. Specifically, the present invention provides systems and methods that allow for physical verification of a payment card upon delivery of goods that are purchased in the context of a remote transaction between a buyer and a seller, including, for example, goods that are ordered via phone, mail order, fax or the Internet.

1459828290-cd547927-48f0-4f48-860b-52302c959b09



Multi-layer flexible transfer tapes are provided which are useful for covering printing or typing errors in texts or drawings so that corrections may be made. Integrated circuitry is positioned on the substrate and includes drive circuitry. In accordance with another aspect of the invention, a funnel is provided which includes multiple adjacent panels and a glue strip adjacent to one end, which enables the funnel to be manufactured with conventional process machines. An enhanced compiler is capable of analyzing the annotated source file and automatically generate the bytecode required to create, deploy, and manage the persistence of POJOs without requiring knowledge of specific details of the persistence to corresponding data entities in the underlining database. Fluctuations in transmitted light intensity are then correlated with detection of opaque inclusions in the sample.

1459828291-3eb68aa7-c8a9-41d9-8a19-7fd9c38df4ac

There is disclosed an interactive display system comprising an interactive surface for displaying an image and for receiving inputs from remote devices, the system being adapted to detect the presence of at least two remote devices proximate the interactive surface. An output image to be projected on the display surface is partitioned into a black image portion having a fixed relationship to the mobile coordinate frame, a stable image portion within the block image portion having a fixed relationship to the stable coordinate frame, and a mobile image portion within the stable image portion having a fixed relationship to the mobile coordinate frame. The headstrap is fastened to the breathing mask at the top, and the neckstrap is fastened to the breathing mask at the sides in the orientation of the breathing mask when it is being worn. In addition to this, details of a job which is being processed, details of a selected job, and a state of each printer are also displayed. When a set of blades is installed on a blade rack of a ceiling fan, only the blade is set around several pillars on the blade rack, the clamp plate of locking plate is set to locate on the pillar, and a pillar passes through the thru hole. If yes, the communication controller makes a call to the receiving IP phone to establish communication between the calling and receiving IP phones.

1459828291-7b287dc9-d530-4b64-963a-edb955bd2e62

Meta-xylene is recovered from admixture with other C8 aromatic hydrocarbons including ortho-xylene by liquid phase adsorptive separation. The safety restraint system has a seat belt webbing for restraining an occupant of the vehicle, a seat belt retractor, a deflector, a height adjuster, a latch plate deflector, a buckle and a communication link. The method begins with instantiating an indicia control in the design application that will utilize the object control for indicia printing. A biasing element is provided to normally bias the headrest to a home position. The processing resource has an output to provide the new video signal threshold to the comparator circuit corresponding to the selected signal channel.

1459828292-1d20ab6a-1466-43cb-9c4d-117a4d52686d

A method of configuring a storage device is disclosed. A user request for media content, is processed intelligently, either by directing the processing of the request to one of a set of transcoding servers so as to effectively balance the load among the servers, or by directing the processing of the request to an appropriate alternative means for satisfying the request. An information detecting section detects this reporting information and a judging section judges, by using the reporting information detected at the information detecting section, whether or not the photographing is permitted, whether or not an image is stored, and whether or not the image is altered. Alignment is achieved by applying, at a particular angle to the drift field, a much stronger alternating electric field that \u201clocks\u201d the ion dipoles with moments exceeding a certain value.

1459828292-3248b252-0cdb-4d98-8fa6-c3aae257b4db

A fine feldspathic earthenware including a body and a glaze layer covering surfaces of the body. A spring-loaded device adjacent to the feed means dampens the jerk

which occurs when the slack loop of wire runs out and wire begins to be drawn from the magazine. Each of the plurality of memory cell blocks includes memory cells connected to a plurality of word lines. A key generation unit generates the first key with use of the second key and the obtained key generation information. In the engaged position, the adjustment member traverses the guide surface. The hydraulic jack is mounted over the new water tube panel to provide the power required for aligning the two boiler water tube panels for welding them together.

1459828292-73931144-153a-4032-bbe0-8f64344138d2

A multi-output switching power supply circuit easily produces multiple outputs with increased power source conversion efficiency. Also included is a network component comprising at least one processor configured to implement a method comprising decorrelating sparse data or data including sparse data, compressing the sparse data using compressive sampling, and encoding the data. The circuit and method may be used to quench an arc that may form between high voltage electrodes associated with an ion source to shorten the duration of the arc and mitigate non-uniform ion implantations. Each of the scan signal line driving circuits further includes a signal wiring for connecting the scan signal line driving circuits to one another and applying the driving signal. The production method is the method for producing an aqueous dispersion of fluorine-containing seed polymer particles and assures a low foamability and gives an excellent gloss of an obtained coating film and excellent adhesion to a substrate when the fluorine-containing seed polymer particles are used as a coating film forming component of a coating composition.

1459828293-126e3d42-3026-46e0-a269-d33c793d47e7

A dual-port static random access memory includes a multitude of programmable delay elements disposed along the paths of a number signals used to carry out read, write or read-then-write operations. Light traveling from the light source in a direction perpendicular to the flat surface enters the light guide plate in an expanded manner due to refraction at the protruding surface. Additionally, the invention involves using optical equipment in conjunction with the analytical equipment to analyze samples and control the operation thereof. The individual pieces are eliminated, thereby electrically isolating the cable exits. In general, the methods rely on using the well bias to change transistor threshold voltages.

1459828293-294c4600-6eaa-48b1-af50-71a8f1f11ee4

An electromechanical brake has an electrical actuator which generates an actuation force and acts on at least one friction member in order to press said member to elicit a friction force against a rotational component, which is to be braked, of the brake. A sequential access memory cell may include an inverter-like circuit, an inverter, a preset transistor, an access transistor, and a read circuit. Namely, the light box housing supports at least two light sources, the display signages and the light-directing panel.

1459828293-3434a232-1508-427f-b6ed-e08c23864f5b

Extra coagulant is added to the cuff portion of the former by a spray nozzle located between the coagulant and latex dipping tanks. Such an article includes a first polymer layer containing a polarizing agent, a second polymer layer containing melanin and wherein the second polymer layer is disposed upon the first polymer layer. A generally tubular exhaust inlet is disposed in generally tangential relation with the cylindrical inner housing surface for receiving a mixture of exhaust gas and entrained cooling water.

1459828293-93225494-6ce6-4ee5-a46d-274cd92c6a4e

A floating gate is formed on a semiconductor substrate via a gate insulating film. The fabric also includes first and second companion cross machine direction yarns positioned between each pair of adjacent primary cross machine direction yarns. Also, proactive forward error correction packets may be added to a window of the data block.

1459828294-533d2253-d18f-43db-8d34-afa6e8d5e0ab

A fastening device for a gun barrel with respect to the turret of a carrier vehicle of the type incorporating a cheek integral with an oscillating mass carrying the gun barrel and an articulated part fastened to said turret, wherein said articulated part is fastened to said turret by a pivoting link and in that said part incorporates means to join it to said cheek. The cement compositions can be applied as a plugging cement composition, segment cement, or even as after applied artificial skins or coatings. The product may preferably be pharmaceutical products, nutraceutical products, or devices such as absorbable sutures or medical stents, although any moisture-sensitive product is contemplated by the present invention. At least some of the restrictions may provide a warning to a user of the second application. The main filter circuit filters signals in frequencies different from the predetermined frequency. Reinforcing core portions are formed by filling the epoxy resin adhesive into a central hole of each of the tracking coils, and a reinforcing connecting portion is formed by filling the epoxy resin adhesive into a gap defined by the lens holder, each of the tracking coils, and a focusing coil.

1459828294-f95ec08d-f2c0-45c3-9dbc-6b4de9af936d

Compounds useful as surface coating agents, including compounds of the formula: . Primary leaf springs are each coupled at their respective centers to respective drive shafts by pivotal arrangements. The cams have a flat portion and a extending handle portion, the flat portion becomes adjacent a sealing channel when in a sealing position. A conduit receiving slot formed in the bottom wall of each module to engage a top portion of a conduit from an adjacent lower module when the modules are stacked end-to-end to provide a continuous fluid passageway through the planting column.

1459828295-7502845c-8ff6-4b76-a522-e915fbc4c27

The preferred embodiments described herein provide a method and system for facilitating selection of stored medical images. A vocoder communicatively coupled with the transceiver receives the verbal content packets, and a situational awareness encoder/decoder communicatively coupled with the transceiver receives the non-verbal content packets. Once the temporally-correlated event metadata has been stored for a conference, the conference may be indexed based on the metadata. Different zones of the extracted articles are displayed. This provides an automatic secure electronic document registration system on the cloud communications network and the social media network.

1459828295-99d828c7-7c11-455d-9633-efa2186441bb

A method and an antenna array system are provided for estimating parameters of radio signals impinging on antenna arrays, for estimating angular parameters, for estimating angular distribution types, and for selecting types of antenna array processing. Useful amounts of light may be utilized at the face of the window or at the face of the transparent substrate. A graphical user interface enables selection of a skin-related application from a plurality of skin-related applications. The pressure sensing mechanism has a pressure sensing chamber and a diaphragm. In some embodiments, the turbine shroud and/or the ejector shroud include internal rib members whose shape or length can be changed to alter the characteristics of the wind turbine. The thienopyrimidinone derivatives show pharmacological activity against metabotropic glutamate receptor-related diseases, including pain, such as neuropathic pain and migraine, psychiatric diseases, such as anxiety disorder and schizophrenia, urinary incontinence, and neurodegenerative diseases, such as Parkinson's disease and Alzheimer's disease.

1459828295-a8e4d11d-55b9-4175-a477-c11169272049

A recipe wand reads meal plans and recipes for a recipe book, and with data about the appliance and one or more cycles of operation, sends data about a consumable to

the appliance to automatically create and selectively commence a cycle of operation on the consumable according to the recipe book. The semiconductor die is disposed over a conductive substrate. The valve body comprises a valve bore in which the elongate valve stem is configured to translate, and a flow path intersecting the valve bore and into which the valve stem penetrates. The computer-implemented method may additionally include identifying a data-loss-prevention policy that applies to the file.

1459828295-fb403bf5-71e0-4b43-afb5-3e185d984258

A method for fabricating a semiconductor device. A pre-boot driver is accessed at a computer system during operating system runtime of the computer system. The air entrainment is controlled so that the properties of the air flow are not diluted by the air entrainment to a point where the drying performance is degraded. A first gate is formed on the insulating layer at least partially between the first and second sourcedrain regions and above at least a portion of the channel region, and at least a second gate formed on the insulating layer above at least a portion of the channel region and between the first gate and the second sourcedrain region. The message also includes a time tag representing the particular time.

1459828296-00ccf990-6375-43cd-ada8-1dc0e9ce47c5

An optical potentiometer comprised of a specialized circuit board and a movable reflector device capable of traveling left and right stably on the specialized circuit board. The fixtures include electronic modules and energy storage devices. The drive shaft includes a cylinder flange joined to one end of a drive shaft cylinder, the cylinder flange having a concentric shaft extending outwardly therefrom and a plurality of members extending longitudinally outwardly from the concentric shaft, wherein the members are adapted to fit within the twisted triangular coupling hole.

1459828296-19db8a73-74c9-4428-89cd-1b00f6e3edb9

An electronic apparatus includes a circuit portion having a connector to which an interface cable is connected, a case for accommodating the circuit portion and having a wiring route for the interface cable leading from the connector to an external space and a connection opening for exposing the wiring route, and a cover for opening or closing the connection opening. The test cell includes a test cavity, and the seal structure is in communication with the test cavity, wherein the seal structure is configured to be breached to change an initial cavity pressure within the test cavity to ambient pressure. An alternate technique estimates high-accurate motion vectors using different interpolation filters at different stages in order to reduce computational complexity. The present disclosure provides the speech receiver with a speech recognition function, when the speech information of the instant messaging is received by the terminal, it can help the receiver to normally acquire the content to be expressed by the speech sender under an inconvenient situation. A cutting member resides within the screw adapter, typically disposed between two clearing ports. All incremental adjustments in phase shift are counted to provide an indication of delay of the circuit.

1459828296-536d2139-b0e7-48a7-b359-7da9d2414534

Methods, systems, and devices are provided for selecting a wireless access point from a plurality of access points operated by a plurality of wireless service providers, where each access point may be enabled to concurrently compete for a user's access. Then classes of words or word groups belonging together of the reading results temporarily stored and rejected, consisting in each case of  $n$  address words,  $n=1, 2, \dots$ . All fibers can be aligned in a single direction slanted to the longitudinal direction of the bar.

1459828296-b9e72852-2b8a-439c-b82b-35425edf6df3

An optical structure includes a substrate for receiving an optical device. The card reader has a card insertion opening and a card holder section. Each certificate is

associated with an identity which is excluded from the communication of the hash of the certificate. The first adhesive is located at the top portion of the front panel such that the opening is in contact with the first adhesive when the flap is closed. The disclosure also relates to therapeutic methods comprising the step of administering to a patient in need thereof a therapeutically effective amount of a therapeutic composition containing the crystalline form of the disclosure or crystalline genistein sodium salt dihydrate.

1459828296-c322cabd-886d-448d-aa99-068ac9d7424d

The present invention provides a semiconductor substrate comprising a semiconductor layer 3 formed on a supporting substrate 1 with interposition of an insulating layer 2 therebetween, wherein a mark is formed in a region other than a surface region of the semiconductor layer; and a process for producing the semiconductor substrate. The tube has an evaporation region for receiving heat to evaporate the working fluid into a vaporized working fluid within the chamber disposed between a first condensation region and a second condensation region opposite the first condensation region for condensing the vaporized working fluid back into a liquefied working fluid within the chamber. Other embodiments include the coating of implantable stents for prevention of restenosis. The locking mechanisms are pivotally moveable between a first position, in which a stop member prevents further pivotal movement in one direction such that the engagement rods are positioned to allow the arcuate support bar to slide freely over the engagement rods, and a second position, when weight is applied to the locking mechanisms. A glass member is supported on the stepped portion of each of the strap portions for closing the first open end of the hole. Determining whether or not the communication terminal is out of range is based on a transmission level of a transmission signal from the communication terminal to a base station.

1459828297-1c3aa28f-fc77-4c0a-8c23-215857a85f53

A method of reducing readwrite head wear and disc wear through controlling fly height of the readwrite head to improve reliability of a disc drive is disclosed. In some embodiments there is a set of string matching slice circuits, each slice circuit of the set being configured to perform string matching steps in parallel with other slice circuits. The supercritical fluid may be a fluid in which Si is not oxidized and may be, for example, a CO<sub>2</sub> supercritical fluid with a pressure of about 60 to about 200 atm. The voltage converter increases or decreases the voltage of the electric power supplied from the fuel cell. Either embodiment takes into account the different problems that are introduced when the plurality of storage devices are located in different time zones.

1459828297-21cf00de-91c8-4971-a008-d5f1e92d82e2

New Gp32F protein for determining, localizing or quantitating single-stranded DNA or RNA molecules comprises a Gp32 protein conjugated at an environment-sensitive amino acid to a fluorescent label. Elements in the network are provided with configuration information respecting OAM messages together with connection signaling upon setting up a call through the network. Funds are collected for each of a plurality of partial payments prior to satisfaction of the set of conditions, with at least two of the partial payments being collected from different persons.

1459828297-614f3d98-246a-4bd9-88a9-2ff5c9d733ac

An ink printing device is disclosed that incorporates a curing lamp located on the opposite side of a printed face of a printed substrate and partially cures a radiation curable ink by irradiating through the substrate. At least one of the modules has elongated openings formed therein which define deformable module side wall strips located between the module ends. A parameter for each of the outputs is identified to form a set of parameters. These arguments include the level of polymorphism but also the maximum size of the patterns to look for to address the general trade-off of generating few partitions with many blocks or many partitions with few blocks and which modeling constructs are used. Optionally, the layer of

echogenic material is disposed on at least a portion of the conductor or on one or more portions of the conductor. In this manner, the focused particle beam system mills the second structural element to produce a desired pole-tip configuration.

1459828298-0c4ad9db-ad24-4a1e-9190-ae9f5a08223a

A print cartridge is provided having an elongate body defining a number of printing fluid reservoirs along the elongate length with end reservoirs being larger than reservoirs interposed between the end reservoirs, a lid covering the body to seal the reservoirs, and a printhead on the body in fluid communication with the reservoirs. A base plate rotatably supports the hub on the upper surface. A data processing device is provided to process the amplified signals.

1459828298-30b19ff8-e5c8-47f0-b129-455c507816b4

A vibration damping device including: first and second mounting members; a main rubber elastic body elastically connecting the two members; and a bracket member fit into the first mounting member. Furthermore, when shifting from the powered-on state to the powered-off state, the communication apparatus sets the registered NFC transmission data in an NFC controller as data that is to be transmitted to an external apparatus such as a mobile terminal via NFC communication. Thereby, a coil antenna can be disposed so that, even when a coil antenna to carry out communications by inductive coupling is disposed overlapping with a memory array region, little interference occurs from a memory array wiring to communications by the coil antenna. Various designs and arrangements for use with a fluid tester, which may be part of a modular fluid tool, are disclosed in accordance with different embodiments. Specifically, antimicrobial catheters and other medical devices manifest antimicrobial properties as a result of the incorporation therein of antimicrobial microcapsules comprising an inorganic antimicrobial agent and a hydrophilic polymer.

1459828298-8431656c-e8fa-4ee4-b9ba-5c2d6cd6fdc8

Various embodiments of the present invention provide systems, methods, and processes for constructing a contact lens. A plurality of clutches and gears are operatively disposed on the input shaft, countershaft, and output shaft. Accordingly, the detected device is isolated from the network to prevent infection of the network by the detected device. The transmitted content is preferable secure so that only authorized users can access it. The slide bar clip has a pair of opposing jaws that extend from the central portion of the instrument attachment clip in a second direction that is opposite the first direction.

1459828298-d63d7ed8-0c14-473f-bc24-e90778e7b4c7

An apparatus for removing particulates from a wastewater stream includes a chamber having a wastewater inlet and wastewater outlet which promotes a generally horizontal wastewater flow. Mutually opposing first and second pole pieces are provided. Each control field is arranged between two user data fields and contains at least one transition. While embodiments may comprise an optical correlator, many embodiments perform one or more analyzes statistically. The condensation device includes a first fluid line configured to permit a flow of vaporized water to be discharged from the engine under its natural convection, a pressure-compensation device configured to permit a flow of air out of the condensation device; and a second fluid line configured to permit condensate from the flow of vaporized water in the first fluid line to flow to the engine. The method further determines whether the second resource with respect to other relevant resources has a first identifier associated herewith when one of the other resources is to be accessed by the system for display, and if it does, displays signaling information distinct from the display of the other resource itself signaling of the existence of the first resource.

1459828298-e364e739-071a-49f1-b548-8c8b16119420

An electromagnetic noise absorber to be attached around an electric cable to

attenuate noise transmitted through the electric cable. A vacuum return system connectable to the catheter outlet draws thermally expended coolant from the catheter and returns it to the low pressure inlet side. Said chamber can be configured to have a horizontal laminar flow of at least one gas stream in the radial direction and a vertical downward flow of another gas stream over wafers. Therefore, if the vehicle has collided, the power supply is shut off immediately, and if the vehicle has not really collided, the power supply is not shut off so as to surely enable the vehicle to run. The method 600 then determines 622 a real opacity of the currently scanned pixel according to a predetermined fill rule utilizing an intrinsic opacity of said polygon and the one or more winding count values.

1459828299-2b25b79d-d41e-445b-af52-c63d55514cf1

A new cultivar of *Agapanthus* named 'Full Moon', that is characterized by its mid season blooming habit, its full and rounded flower heads of open campanulate flowers, its flowers that are variegated with soft blue-grey margins and dark purple centers, and its tall plant height. Each device further comprises a localization unit providing a geographic position of the device. The local clock may control a rate at which the buffer outputs stored media information.

1459828299-387f233e-d227-4991-9dc1-73446b78d8f3

A transformer includes a first bobbin piece, a second bobbin piece, a first pin, a second pin and a magnetic core assembly. By presenting a well-log at about the same angle as the section of the well-bore under consideration, a person viewing the well-log will have the advantage of easily visualizing the inclination of the well-bore to aid in geo-steering, proper interpretation of well-bore measurements, etc. The gateway station scales the plurality of elements to form a reconfigurable plurality of beams. The active layer includes a plurality of heat radiation pins that extend in a direction of the thickness of the active layer. Playback of at least some harmonics of a low-frequency fundamental frequency can cause a listener to perceive the playback of the low-frequency fundamental frequency. Methods for preparing such compositions and cosmetic treatment methods employing such compositions are also provided.

1459828299-3bc46af4-709d-425f-aa47-dc5f6dda594f

A method for assessing repolarization abnormalities is disclosed. The method according to the present invention performs the restoration to original information based only on degraded information. The verification system comprises a voice response unit configured to query pertinent information from an individual and record the responses to the queries in a digital format. The Registrar web site communicates directly with the Customer and registers the Customer desired domain names and compensates the Reseller for guiding the Customer to the Registrar web site.

1459828299-48ff0b7d-a1c8-4653-8b37-27af147b9794

According to the present invention, provided is a cationically electrodepositable coating material comprising a resin for a cationically electrodepositable coating material, a hydrotalcite-like solid solution having a specific composition and, if necessary, a basic bismuth compound and/or an organic acid salt thereof. The mattress support is vertically displaceable by means of at least one drive unit for applying a vertical force to a corresponding solely vertically displaceable driven component and is stabilized during vertical displacement by at least one stabilizing means connected thereto. The second lens unit has a positive optical power. The sides of adjoining filter panels are inserted into opposed channels of the 'I' shaped connectors. The top portion of the second dielectric layer is removed so as to expose the dielectric capped bond pad and the dielectric capped interconnect.

1459828300-0a1e5879-e262-47ce-ac18-5ad2f10bc56c

A kit is described that modifies a standard screw jack for a trailer hitch, by introducing a safety lock mechanism. This makes the application orders of ink symmetric in each pixel of secondary color and thus there is no difference between application orders in formation of the pixel by either forward or backward scanning, whereby occurrence of uneven color due to the application orders of ink can be reduced even in execution of two-way color print. A process head holds a workpiece. The flexible member comprises an expandable polymer which is actuatable between a high volume state and a low volume state. Here, the entirety or a part of the preamble sequence of the femto base station which is used for the separation of the femto base station is reused as a scrambling sequence for said data.

1459828300-0c4b21e8-1962-4b2a-ade3-4e719b2db51e

A modular architecture for use in a network device such as a Remote Authentication Server includes a number of interconnected objects associated with processes, services, access protocols and other functionality provided on the device. The method includes: applying the braking device to a tractive element of the vehicle; using an electronic controller, causing the traction motor to apply a predetermined force to the tractive element; and using the controller, monitoring the tractive element for movement while the force is being applied. In some embodiments, a Venturi device based suction system is used as the first suction system to pick up the item, as this type of system is proficient at picking up items without requiring initial contact to create a seal. The line generator generates a line of illumination across the area. Various mechanisms within the fiber optic terminal block for adjusting the position of the ambient light wave guide are also described.

1459828300-36259eb6-d421-44c7-89da-7ad4e1c83ba5

A circuit and corresponding method are presented for generating an analog voltage from a digital input value is presented. Namely, by substantially increasing a value of an applicable voltage in excess of which a display defect starts to appear, a high numerical aperture and a high contrast ratio have been achieved at the same time. The restricting members are brought into contact with first portions of the fixing roller other than second portions of the fixing roller in which end edge portions of the pressing roller are brought into contact with the fixing roller.

1459828300-443fe393-5679-48e7-92e6-76d04a743ebe

A method for managing the allocation of resources to channel swarms in a peer-to-peer network. The beam can be folded into at least two segments. The first reflective surface is positioned proximate to a first end of the optical fiber. The arms are adapted to permit movement of the anchors along the arms and the connector is adapted to permit relative rotation of the arms in response to dimensional changes over time of the host structure. Based on the collected data, the system can dynamically adapt the user's goals and/or activities the user is performing or will perform.

1459828301-352cd580-ec9c-4292-bfde-fad2dc786d8f

A method of manufacturing a semiconductor device, includes forming a sacrifice film on an etching target film, forming an etching mask on the sacrifice film, etching the etching target film using the etching mask as a mask, removing the sacrifice film to allow the etching mask to adhere to the etching target film, and removing the etching mask. The rotor includes a metallic coupler and a polymeric frame molded over at least part of the metallic coupler. The zero crossing is, for example, a negative zero crossing. A code listing is generated associated with each of the threads for the data value variables, the data operators, the data processing order of execution, and the data result variables identified. The high-reflective mode frame is put on the second side, which is opposite the first side of the side plate. The contact points are made of formed wires extending into the base and having outer walls that form the contact points.



1459828301-f2e0e5e0-b9b4-4186-94cd-89c25e1c94b4

Particular embodiments of the present invention are related to a digital media benefit attachment mechanism for generating or attaching revenue rights and other benefits to one or more entities associated with socially distributed media. The assembly comprises a first mounting to mount to the neck of the stringed instrument, a second mounting to mount to the body of the stringed instrument, and an adjuster mechanism interconnecting the first and second mountings and adapted to adjust and fix, in use, the relative position of the first and second mountings. In at least one transfer region, the products are transferred to at least one removal arrangement such that each product at most partially overlaps the previously transferred product, the leading edges of the products being spaced apart from one another. The scoring methodology and the cut grading algorithm are designed to emulate actual observation grading such that the overall cut grade represents a fair indication of the cut quality of the diamond. This method simplifies the task of supporting multiple different operating environments.

1459828302-1daa5da8-894f-46f7-8b24-cea0d750fbe0

A self-cleaning valve assembly is provided, such as for use in a vacuum cleaner such as a particularly advantageous vacuum cleaner system that has at least two filters and self-cleans its filters via back-flushing, without needing to stop normal operation to self-clean. At least one electrical lamp is secured in each housing and an electrical wire having one end electrically connected to each lamp and another end which passes through an opening in the ring and enters through an opening in an adjacent ring wherein it is connected to the lamp in said adjacent ring. The cathode employs an end opening having an area at least as large as the internal cross sectional area of the rare earth insert to enhance throughput from the cathode end. In addition, the top layer and the bottom layer are made of polyethylene materials and comprise interface coatings respectively, so that the top layer and the bottom layer made of polyethylene could heat bonded to the polystyrene foam board without adhesives by the first and second interface coatings. The RAN may compare the metric to a threshold WCD prevalence, and based on the comparison, select a second extent of communication to engage in with WCDs of the first type or the second type. Other embodiments, including method embodiments, are disclosed.

1459828302-20f52f76-6739-4deb-9835-b71688995f14

A focused ion beam device is described. Irradiated polymers and fabricated articles, such as medical prostheses, comprising irradiated polymers also are provided. The second peak detector generates a second signal in response to receiving a threshold signal.

1459828302-a9f63f76-18d5-4ca7-936b-0e4030d32232

The invention relates to a method and device for the individual or group activation of tipping conveyor elements of a tipping shell sorter, which are provided with an electric motor tipping drive. Generally a stylus is presented upon a carriage associated with a column is utilized for displacement between positions on a component surface. The light transmitting original is read by moving the line light source and the contact image sensor unit relative to the light transmitting original. The foosball apparatus further includes an electronic digital display formed in each end wall for indicating a time period and a score.

1459828302-de0cab7-a618-45ed-8146-4bf7ecf91466

A dishwashing machine, in particular a household dishwashing machine, includes a box-shaped washing tank for receiving items to be washed, and a base carrier for support of the washing tank. The epitaxial side of the device may be directly bonded to an efficient heat transport system so that heat may more easily leave the quantum well stack layers and be disposed at a heatsink. In one embodiment, a sender of electronic messages, such as a news service provider, sends a session

initiation protocol \u201csubscribe\u201d message to a delay manager. A single spring pin lock connects a first shaft to the extension shaft.

1459828303-6a7fc4a0-c631-4fd2-a2c9-3a3c31017ad1

The present invention relates to target acquisition and related devices, and more particularly to telescopic gunsights and associated equipment used to achieve shooting accuracy at, for example, close ranges, medium ranges and extreme ranges at stationary and moving targets. The wireless communication system communication system includes base stations and mobile stations. The tabs in turn each include a ramp portion to facilitate movement of the cap bayonet tabs past bayonet tabs in a battery vent port as the vent cap is inserted into the port axially without substantial rotation.

1459828303-6f978bbb-d12c-4f27-a0ae-6aca1da68733

A baby harness is designed to concentrate the infant's weight on the waist and hips rather than on the neck and shoulder area, which is typical of conventional baby harnesses. For example, the functions of locating subexpressions in a range asserting expression and, determining whether the subexpressions satisfy the range of the range asserting expression are partitioned. The join message identification unit identifies a join message from among MAC frames from the user network. Another aspect of the present invention includes apparatus for measuring substantially correct data for applications such as generating data for monitoring, controlling, and optimizing processes and process tools. The present invention also relates to methods for treating a wide variety of conditions and disorders, particularly those associated with dysfunction of the central and autonomic nervous systems. The seal closes off a gap between the two elements to prevent impurities from entering the roller closing device when any radial deflection of the inner element takes place.

1459828303-e322a3cc-3bcf-4257-a57e-dd9f4cae732e

Selected novel urea compounds are effective for prophylaxis and treatment of diseases, such as cell proliferation or apoptosis mediated diseases. The system includes a sequencer clock for generating a sequencer clock signal having a frequency of 1N of the DAC sample clock. A photosensor monitors multiple parameters within the chamber and interacts with the microprocessor to control intensity, temperature and wavelengths. The resharpener knife units are introduced in the opposite axial direction into the knife receptacles of the knife ring from which the worn knife units had been removed. The premises server obtains the selection, accesses a device interface database and translates the selection into a device-specific protocol. This system avoids an unbalanced mass flow rate when the compressors are operated in series by unloading a downstream one of the compressors.

1459828303-e4bc2d68-7519-43f7-9cbf-a85852144170

Fracturing fluid comprising, in solution in water, a proppant and an associative amphoteric polymer, the said polymer having a molecular weight of at least 1 000 000 g/mol and comprising:0. These implementations are suited for operation within a parallel packet processor. The visual objects may be identified in a document by extracting metadata associated with the document.

1459828303-f186fb01-d31e-4f30-8021-5b4d175e7db7

This invention discloses and -24--25,26,27-trinorvitamin D3 analogs, and especially -25,26,27-trinor-24--vitamin D3, its biological activities, and pharmaceutical uses therefor. The system comprises three sections, that is to say cultivation, extraction and storage and reaction. The core of the duster has an elongated rod which is made from a resilient material and is covered by a close fitting cleaning or dusting sleeve made from napped material, cloth or other well known cleaning or dusting fabric or material.

1459828304-5e3fd511-a8b1-4ba7-8393-93ec3d865a7f

Various embodiments described herein provide systems, methods, software, and data structures that allow a page description language reader application, such as Adobe\xae Acrobat\xae, to provide a view of the assets compressed within a compressed archive. The alignment load-lock includes an alignment stage that aligns a wafer during pump-down. The back end of the horizontal channel is open, providing the user access to the aerosol nozzle in order to actuate the aerosol nozzle with a finger, whereby an aerosol is propelled forward into a masking unit.

1459828305-1eae3816-7721-490f-b8df-c0a95f680fdc

A boot method an apparatus are described which reduce the likelihood of a security breach in a mobile device, preferably in a situation where a reset has been initiated. Also provided are polymeric compositions incorporating the surfactant compounds. The memory management unit transmits the packet to a CPU through a CPU processing module. A spool may be included about which the water-support sheet may be wound when retracted.

1459828305-45ad6fa9-b0b0-4765-8c0c-4b1c6c4d7ea2

A power storage equipment management system has a power storage equipment, and a management server for managing power information of the power storage equipment. Additive concentrates according to the invention are characterized by a finer dispersion than would result from the direct addition of particulate or granular additives to the same liquid solvent. The apparatus and method further includes applying a plurality of policy-based filters to the alarms. Each physical channel is allocated at least one time slot in at least one frame of each outer-frame in the super-frame. The battery compartment comprises an electrically isolating partial cover, which is disposed on a second side opposite the first side and designed to cover a base of the battery directed toward the second side in the direction of the removal side of the battery compartment. for 30 seconds to 30 minutes to selectively lower an amount of Fe in the passive film formed on the surface of the stainless steel sheet.

1459828305-7976dbc7-c3a5-4802-8c21-9f03e44330f1

The present invention provides non-steroidal compounds of formula I which are selective modulators of a steroid receptor, specifically, the glucocorticoid receptor. According to an example embodiment of the present invention, an arrangement for processing external-services data includes an audio, video, and data signal bussing arrangement adapted to distribute audio, video, and data to designated points in a user facility. A DC bus is connected between the rectifier circuit and the inverter circuit to provide a relatively fixed DC voltage for the inverter.

1459828305-a284b970-91b2-47c4-b880-86d0ac5e294a

A nose pad of eyeglasses includes a nose rack, a fastener and a pad; an axis is on the nose rack, a sleeve corresponding to the axis is on the fastener, an insertion hole is on the sleeve for the axis to insert. In such a case, a user can effectively cause a restriction command to be generated, where the restriction command is wirelessly transmitted to the client device. Coordinate data of a slave recipe is stored.

1459828306-58b8394a-521e-4ec1-bdff-e5b1201ab635

A ball and socket joint for implanting in the body is provided wherein the socket portion of the joint can have various orientations with respect to the patient's anatomy, and the orientation used for a particular patient can be selected and/or changed in situ, that is, during or after implantation of the joint. The present invention also discloses a charge control agent which comprises the above sulfide as the active ingredient; and a toner which comprises the charge control agent, a coloring agent and a binder resin. Additionally, the canister guard may be configured to be replacable or for retrofitting to conventional liquid chemical containing canisters. such as a light, sign, alarm, or a flexible member for

marking a traffic pathway.

1459828306-5900485b-d84e-465a-8b0f-072743da68c8

A system of distributed group management for generating authentication information relating to a group to which users belong at a high speed on a client side and, at the same time, wherein a server side can verify this at a high speed. An organic insulating layer is formed on the color filters, and pixel electrodes are formed thereon. The input signals typically include a steering pinion gear angle signal, a vehicle velocity signal, and a yaw rate signal.

1459828306-9db7bb37-f9d4-4e52-9895-ea1612ce1e33

A data capture technique for high speed signaling to allow for optimal sampling of an asynchronous data stream. The imaging optical system performs a focusing operation for the distance designated by the distance designation section. The semiconductor module has cooling metal on two sides. This improves the efficiency and/or the service life of an existing steam power plant. The substances in the container are naturally fed by gravity to a dispensing portion without the need for the dispenser to be placed in a vertical position, upside down position, or inclined position in order to allow the substances to move to the tip of the dispensing portion, all the while maintaining the container in a horizontal orientation.

1459828306-9f0969a4-9e9f-4cdd-a3c3-55cf126a3599

A method of increasing the lifetime of a hydro-oxidation catalyst comprising, preferably, gold, silver, or mixtures thereof, and optionally one or more promoters, on a titanium-containing support, such as a titanosilicate or titanium dispersed on silica. The monolithic chip includes LED junctions formed from a single LED junction. For the first switch, a control terminal is coupled to a first node, an input terminal receives a first clock signal, and an output terminal is coupled to an output node. When a size of an original to be read is larger than a predetermined size, reading is performed in the ring buffer mode. An epitaxial structure is formed in the recess.

1459828306-ca403142-9bb7-4c3a-b349-2a269f9d5a52

A method for setting a cut-through optical path in an optical network system is proposed. A vehicle-mounted personal computer as the data processor is powered by a vehicle-mounted battery via a main power supply circuit. The stator has a coil of a superconducting material. According to the invention, adjacent purpose-made blocks of one or each block row are produced in the mold in such a way that axes of the purpose-made blocks deviate at least partially in the longitudinal direction of each block row from the longitudinal axis of each block row and that lateral pressure is exerted on the or each molded block row to separate the predetermined breaking points. The mounting washer forms a laminar flow delamination through which helium molecules can flow during a helium leak detection test.

1459828307-04ba1edc-ab4f-4cec-9155-db5fa68072e8

A method for making a web having a metal-ion sequestering agent and treating a liquid using the web. The system may include an implantable pulse generator from which multiple stimulating leads may extend sufficient to allow for adequate stimulation over multiple regions of the head, preferably including the frontal, parietal and occipital regions. A pair of movable electrodes of the reed switch 14 operates according to magnetic induction of a magnetic field of a magnet 6 applied substantially parallel to the direction t of the longitudinal axis of the capsule-like casing 16, and come into contact with each other.

1459828307-0bd4388f-0f44-4d36-aca1-23cb0eb4d001

The present invention enables, in a mobile communication system using \u201cEUL\u201d, to enhance radio quality by certainly allocating hardware resources at a radio base station. At least two clamps are attached to each chain

link of the link chain, wherein the clamps in the link chain are spaced apart from one another by equal spacings. The integrated inverters execute switching routines to convert the DC voltage to an AC voltage suitable for controlling the motor. The first crystallinity is higher than the second crystallinity. The third member has a spiraling face on one end and has a planar face on another end. Inversion channels form on the side walls of the trenches when a positive drain voltage and a positive gate voltage are applied.

1459828307-5a348a23-d80b-41b8-afa5-7276a6297c7f

To restore data, substantially continuous recording of input/output operations in a storage system is performed to provide an IO continuum of IO operations. The rear axle and hitch have adjustable height suspensions, allowing the trailer to be lowered or raised uniformly while remaining hitched to the towing vehicle. on its bodywork, and comprising an essentially non-conductive protective screen, the element being characterized in that behind said protective screen if further comprises an electrically insulating film having two faces, each of which is covered at least in part in an electrically conductive material. The system may also identify capacity problems within the future expected wireless system due to unbalanced traffic loading or overloading of traffic within the future expected wireless system. Furthermore, the system and method can detect changes in atrial wall fibrosis that can indicate a continuing degradation in the atrial wall health and an increasing likelihood of atrial fibrillation. Through the elastic pressing members, hooks and locating plate, the fastening element is clipped the bracing seat.

1459828307-9c8a9089-3b50-42f8-8ab6-d78a5aa92533

An improved composition for and method of priming a concrete pump line is provided. The first quadrant has positive motor torque and positive motor speed. The outer shell may have an inner shell forming an insulating air gap. Groove structures which are located on at least one of the major surfaces of the light guide permit redistribution of light around obstacles that may be present within the light guide structure, thereby maintaining brightness uniformity of the backlight or illumination panel.

1459828308-030d3d8d-9922-42f0-b14c-964c7f613583

A system for generating a digital output signal representing a captured image includes a sensor for capturing the image and generating a sensor output signal. The color of the new dyes and conjugates thereof can be varied over a wide range. The method uses a set of reference gases and their calculated density and speed of sound values to estimate the density of the subject gas.

1459828308-4659c049-1dce-49ac-9062-6ee3ca4cac3b

A method of generating high-power laser output in the 1100 to 1500 um spectral region having a controllable linewidth. The first MISFET has a first gate insulating film arranged over the semiconductor substrate, a first gate electrode arranged over the first gate insulating film, and a first source region and a first drain region. A back panel forms part of an instrument housing for housing the instrument, a first portion protrudes rearward from the back panel and a first recess is carried by the protruding portion. This is particularly useful for mobile phones used on cellular networks utilizing high data volume on the allocated spectrum. A pair of source and drain regions are then formed in the semiconductor body on opposite sides of the gate electrode. Radio-frequency transceiver circuitry may be coupled to an antenna feed for the antenna using a radio-frequency transmission line.

1459828308-5b80396c-8930-45bc-94c7-8083fbf9210b

Methods and apparatuses for controlling application programs are described. The power safety system includes a power safety instrument having a power required indicator and a power available indicator, each being located on a display. Namely,

the predetermined conduct of the auxiliary device notifies completion of registering the ID code, which results in enhancing operation efficiency in registering of the ID code.

1459828308-5b877fa6-40dc-4b18-a732-c39a616b45b9

A verification system, method and computer program product are provided. Image statistics inherent to the image are used to compute the size reduction as a function of the quality scaling factor. This additional degree of freedom permits variation of the camber angle independently of the suspension spring movement and of the deformations of its elements. Search criteria is input to the communications facility information system by the user, the search criteria being related to equipment data or customer data.

1459828308-d13fb27a-e2ea-44ed-a284-6ba75461f972

An integrated control circuit for a charge pump includes a first device for regulating the output voltage of the charge pump and a second device for increasing the output voltage from the charge pump with a set ramp. The apparatus includes a photosensitive drum, a laser optic system for tracing an image on the photosensitive drum, a toner supply electrically charged opposite the image traced on the photosensitive drum, and an ultraviolet light source for imparting energy to the toner to fuse the toner to the page. A transition from the temperature of the bond-strengthening anneal to the temperature of the heat treatment may be achieved at a ramp rate above 10°C. The leak path is preferably upstream of a check valve.

1459828309-0f5dae0c-259a-4ff9-b11c-c6f674d5d0b8

A charging stand for selectively enclosing and exposing an appliance such as a hair trimmer having a rechargeable battery includes a base and a cover. The pressure-sensitive adhesive layer contains a branched monoalcohol having from 12 to 28 carbon atoms, a free base of bisoprolol and a polyisobutylene pressure-sensitive adhesive. The left and the right part releasably link to one and other when the shoes are correctly oriented. The order handling system may also provide to the ordering entity a notification for a particular item. Based on the foregoing and the size and shape of the image portion occupied by the object, such as the height of an edge or its surface area, relative to another object or a reference, the device may calculate its location.

1459828309-27f9c767-d182-4c45-940a-713b52042ea1

Described herein are materials for use in electrolytes that provide a number of desirable characteristics when implemented within batteries, such as high stability during battery cycling up to high temperatures high voltages, high discharge capacity, high coulombic efficiency, and excellent retention of discharge capacity and coulombic efficiency over several cycles of charging and discharging. In one aspect, a speech-enabled application generates a text input including a text transcription of a desired speech output, and inputs the text input to a speech synthesis system. The invention further comprises methods of making the herbal composition and methods of use for the treatment of arthritis and inflammation. The output voltage is used for RF signal detection at all RF signal levels. However, the interconnecting transmission lines and the load resistor may have different impedances than the photodetector and modulator.

1459828309-4debbfa2-7a8f-4043-b2bf-163426f15362

A differential pressure sensing system is provided. The communication session information may be mapped to the end user in order to generate a quality of service attribute to be communicated to a next destination. Systems, methods, and programs for detecting unauthorized use of a text communication device or account may sample a text communication generated by the device or account during communication, may extract a language pattern from the audio sample, and may compare extracted language pattern of the sample with an authorized user profile.

1459828309-52e99cc7-82a9-4928-aa8c-cd25f5e01297

A method and system in a multithreaded processor for processing events without interrupt notifications. The tray is rotatably mounted to a support which in turn is adapted for attachment to an appendage of a user. The control unit incorporates a timer and a switch unit control block, the timer having a nominal operating time of the load, at the lapse of which the switch unit shuts off current supply to the load with the provision that the current supply has not already been shut off by the load control switch proper. The mantle surface has two recessed parts running peripherally therearound to receive embossed parts of the pipe end for rotational movement between the pipe end and the pipe casing. Replicating the second change to the secondary volume involves recording an order of the second change relative to the first change.

1459828309-6eff24c8-cbb5-48f4-9450-921635435911

The present invention relates to a fastening device for fastening a component to a brush carrier for an electrical machine. The heatsink assembly is mounted in heat exchange relation with a heat pipe by being on or adjacent a heat pipe. A virtual illumination equation takes into account light attenuation, lambertian and specular reflection. A gateway service then receives the SPARQL query results from the SPARQL endpoint and transforms the SPARQL query results into a format corresponding to the first query language format so the initiating application can process it natively. A cover arranged with the flight lighting arrangement can substantially prevent the light from the flight lighting arrangement from being visible, from the ground, in a region around the wind power installation. In this manner, traffic is routed around failures via local switching operations.

1459828310-07de619c-a5a8-4a9a-90f2-c831988ca4cd

The invention is a system and method of transmitting control information and user data, relating to multicast or broadcast services, between a first information entity within at least one mobile station and a second information entity within a controller of a wireless network in which the at least one mobile station is located. A budget of unreserved cycles of battery charging and discharging is determined, taking into account the rated battery life in terms of both time and number of cycles. The second byte select line is configured to be driven to a low voltage level when the first byte select line is driven to a high voltage level, thereby minimizing or eliminating any parasitic voltage coupling between adjacent rows of memory cells. A spring-loaded detent button is movably secured to the filter cap and extends into the filter chamber. The controller controls the energization by periodically switching the driving current to each of the divided induction coils on the basis of an energization signal that determines the permission and the inhibition of the driving currents according to a signal of temperature detected by the temperature detector, and the switching signal. A pair of islanded floating gates are disposed on the gate oxide layer at the active area, with a gap between the pair of floating gates and the pair of selective gates.

1459828310-29a993ef-c127-4581-a2a9-7c2ba77a41e7

A charge air cooler for an internal combustion engine is disclosed. In one method for disabling data on a radio frequency identification tag, an RFID tag is identified and its identity is confirmed. The crystallization stage may also be cooled by an ethylene refrigerant, which has been cooled by heat exchange with a substantially liquid stream comprising ammonia. The opening is capable of controlling movement of the at least one moveable composite insert in a desired direction during thermal expansion of the composite part, when the guiding mechanism is received by the opening. A motor drives a cam to position the lever arm to free the latch receiver from the locked position. Accordingly, performance of the receiver is close to that of coherent detection and is much better than that of the conventional receivers which do not consider more than one consecutive block.

1459828311-218dc2e3-0647-4ba5-894c-6724b0f5fd0e

A display apparatus, three-dimensional glasses, and a display system including the display apparatus and the 3D glasses are provided. The apparatus includes: a staging latch accommodating m bits, e. The predetermined area of a semiconductor blank is doped with a dopant until a concentration of the dopant is obtained that is at least as high as the target concentration of the second region.

1459828311-6598e6cb-6cd2-4019-b7a9-946b0fb0925b

The invention provides an integrated circuit that permits input of a signal of a potential which is higher than a power supply voltage supplied to an interface circuit and also higher than a maximum rated voltage allowable for a gate electrode of a transistor forming an interface circuit, even in a non-access mode. Each wheel tire is driven by a motor drive unit employing a shaft-mount gearbox with a motor brake that utilizes the reduction of the drive gearbox to increase the effective braking torque developed. The engaging element is biased by a prestress against the curved path of each of the curved-path carriers in the essentially unloaded neutral position of the transmission. And the radiation safety of the present invention is good. A plurality of actuators may be provided, with each of the actuators being associated with one of the ejection structures. The phase-division based controller divides each pulse width modulation of each channel into a tracking phase and a pre-charging phase so that the LED bus voltage supplied to the multiple channels changes between the tracking phase and the pre-charging phase.

1459828311-9633e18b-0031-4128-bd72-dd29c82f5330

System and method for automatically parallelizing iterative functionality in a data flow program. The polyester resin is prepared from high purity terephthalic acid having a particle size distribution described by a Weibull function with narrow ranges of characteristic size and shape factor. The independent temperatures allow for the growth of nanoparticles in a controlled environment avoiding spontaneous nucleation and allowing particle sizes to be controlled and facilitating the manufacture of particles of a substantially uniform size.

1459828311-fc847c91-dca3-4860-8934-f8c8c89272b7

A female coupler and a male coupler of a pipe coupling that are easy to assemble and have a minimized passage resistance are provided. When it is determined that an execution condition is satisfied, a pattern acquisition is executed to form a pattern image on the bearing body by using an image forming section and to acquire characteristics of the pattern image based on detection results. The scene image and affective information are transmitted to an image receiver. The magnetic drive metering pump has a reference element associated with the thrust member and diaphragm, the position of which reference element is detected by a positional sensor.

1459828312-179e3357-6844-4796-870f-853878e06bf9

An electrostatic chuck 108 is provided on a lower electrode 106 provided inside a processing chamber 102 of an etching apparatus 100, and a conductive inner ring body 112a and an insulating outer ring body 112b are encompassing the outer edges of a wafer W mounted on the chuck surface. The sail panel may be attached with an inflatable curtain of the curtain airbag system. The hardware may also be specially tailored to the services required by the database server.

1459828312-4fd711e1-1998-4df9-8bde-4bdda4dba7f5

A flexible circuit assembly is provided which includes a flexible circuit, a substrate of a capacitive-sensing device and an electronic component that are coupled to the flexible circuit. The authorization data is provided in response to FAP authentication data. A second bias switch is coupled to the second node.

1459828312-83230383-694c-4395-9689-c97e46083ce3



For use in a printer, a system for, and method of, incorporating an advertisement into a printout and a printer having the system or method contained or carried out therein. The top wall includes aligned, spaced-apart openings on at least one side of the support wall which are sized to receive sample tubes. This reference position can then be employed in a second step for determining the accurate position of the receiver. An adder removes the estimated DC offset from the digital signal. The ACC system further includes a prediction system for predicting a conflict situation in which the controlled target distance cannot be maintained, in which case the take-over request is initiated before the conflict situation actually occurs. The image data is read out of the first memory and is inputted into an R channel and a B channel at an identical timing.

1459828312-e9fdd5a5-fbf0-4245-904f-52fc42748187

The present invention relates to methods and systems for the analysis of the dissociation behavior of nucleic acids and the identification of nucleic acids. The apparatus is characterized in that it further comprises a sensor device set up for recording a remaining pattern of the coloring agent on the carrier film after the heating of the carrier film and set up for generating a sensor signal on the basis of the recorded pattern. A plurality of interpolated pixels may be generated in a previous frame, which corresponds to the interpolated pixels in the current frame. The first switching device is electrically connected to an adjacent gate line corresponding to an adjacent pixel. When the division-logic circuitry of an arithmetic logic unit in the corresponding communication device is not designed to handle operands that can accommodate the length of the timestamp and/or stride values, the header-compression method can advantageously be used to improve the speed and efficiency of timestamp compression in communication devices.

1459828313-825db281-0221-4501-aa02-625b293fc3ff

A Management Information Base in a computer device adapted to use Simple Network Management Protocol. The seating system includes aspects to improve the functionality of the seating arrangement while maintaining the safety and comfort of the automotive seats. The flap is of such a length that the carrying case portion of the carrier can be rolled up so that the phone is engaged tightly against the belt loop and belt when the flap is engaged in the closed or sealed position.

1459828313-c9e5db87-8e5b-4327-82ae-d5b67083a2b8

A method and system for managing attributes in a streaming application is disclosed. Semiconductor devices are processed based upon control input parameters. When the defibrillator is activated, the first energy dosage in the sequence is administered to the patient. A band-pass filter connected to the LC resonance circuit filters the transmitted signals and control signals. The invention has the advantage that the check valve can be simply and inexpensively manufactured. Many types of metadata can be returned, including ratings or other metadata related to the target content item obtained from users, popularity data specific to the target content item, information about previously submitted forward search queries that led to the target content item being identified as a hit, and metadata extracted from the target content item.

1459828314-f39e8c63-4c6b-4bfc-b159-ddf04a66dc7b

Devices in accordance with certain embodiments of the present sulcus speculum are designed to be placed into the sulcus of an eye to perform one or more of the following functions: evacuation of fluid, opening of the lids, and application of drugs such as anesthetic or antibiotics. The composite grain has a sea-islands structure in which the lithium iron silicate crystals or lithium manganese silicate crystals are scattered like islands in the carbon material, and the islands have an average value of circle-equivalent diameter of smaller than 15 nm. Also, in further embodiments, the particle collections have particle size distribution such that effectively no particles have a diameter greater than about four times the average

diameter of the collection of particles.

1459828314-faeb25e0-9d76-4368-856a-ebb9235fbbc3

A method and apparatus for a supercharger wherein pressurized air originating from the compressor side is fed into its gear box for draining the oil therein due to the reduced size of the gear box. The system includes a database having information for a plurality of machines. A second motor is secured in the second leg and is in communication with a second gear train, which is rotatably attached to the torso such that when the figure is in the standing position, the second motor causes the second leg to move in relation to the first leg along the axis. The use of the bump grid array or conductive ball connections significantly reduces the amount of internal wiring required. The 1\xd7N MEMS provides for protection switching. Each slice includes a mode port that receives mode control signals for dynamically altering the function and connectivity of related slices.

1459828315-668eacb3-d03c-43c7-b9bb-c4fb622a3e01

A disk device includes a frame, an optical pickup and a shock absorbing component. The tank barrel includes a valve assembly and a valve assembly protection box. The second precharge unit applies a clamp voltage, which is generated using a first supply voltage, to the pair of local inputoutput lines, in response to the first precharge signal, to precharge the pair of local inputoutput lines. The faults can be related to one of the hardware, the cash reject rate, image handling, crash rate, user claim rate, and check handling accuracy of the machine. When writing a pattern, an operation part determines the number of mirror blocks to be used where scan speed can be maximized, in consideration of required time for input of the writing signal to the DMD and light amount applied on the substrate.

1459828316-4045c6cd-0462-4d23-bee9-0cef0f8431af

A source frame signal received at a first frame rate is converted to a destination frame signal output at a second frame rate. Thick gate dielectric layers separate the top surface and opposing sidewalls of the channel region from the gate conductor in order to suppress conductivity in the channel planes. Additionally, system calls intended for operating on the data are produced, utilizing an application. Under broadcast control, local computers, combine user information selectively into prior art communications to exhibit personalized mass media programming at video monitors, speakers, printers, etc. Prior to joining the two spherical cavitation chamber halves, the surfaces to be mated are finished, preferably to a surface flatness of at least \xb10. Simultaneously provided is a large-capacity magnetic storage system capable of high-density recording with a recording density exceeding 20 Gbinch<sup>2</sup>.

1459828317-6b8b6dbb-afaa-409d-b344-0d31f50b100c

A fire retardant polymer composition is provided. The load control system includes a plurality of keypads, which each may include a different button assembly having a different button configuration. The coating may have porosity of greater than 15% for improved thermal shock protection. Not only does this damage necessitate expensive repairs, but serious threats to life safety are imposed when debris falls from a damaged wall system. The right arm extension is wrapped around the baby carrier such that the right arm extension passes to the left between the two shoulder straps of the baby carrier and the wearer.

1459828317-7a204f75-f445-4438-81f4-5ec143a91fca

An intelligent spectrum management system and method are provided that includes sophisticated features to detect, classify, and locate sources of RF activity. The UV irradiating device includes a UV light source part having a UV lamp and a reflecting plate, a support supporting the UV light source part, and a stage on which a substrate is placed, the UV light source being irradiated at a tilt angle upon the substrate. When the control pressure is greater than 50% duty cycle the locking pin disengages and the VCT moves away from the mechanical stop. Accessed is

data that includes a graphical file containing eye diagram information corresponding to the test parameter. The ventilation outlets are disposed between the two assemblies of the baggage compartments. One or more fasteners can be used to attach the edging panels to the tab of the connector, joining two pieces of edging via the connector.

1459828318-5549befe-ab1c-4d07-a17d-ce468f48101c

A sheet storing portion is maintained in a state in which a sheet stacking portion on which sheets are stacked is electrically insulated, when the sheet storing portion is contained in a containing portion of an image forming apparatus body at the time of formation of an image. One example includes a first retaining member with a first looped retention arm configured to apply a retaining force in an x-direction to the replaceable part and a second retaining member with a second looped retention arm configured to apply a retaining force in a y-direction to the replaceable part. The transaction system is able to respond to both spikes in rate of received transactions as well as more gradual changes in the rate of received transactions and to automatically adapt to stable storage device performance variations. Another exemplary preferred chromophore includes an electron donor group, an electron acceptor group, and a bridge structure therebetween, with the chromophores having no carbon-carbon double bond between the donor and the ring bridge. The power unit assembly includes a moveable piston adapted to engage the die block so as to move the second die towards the first die during a swaging operation.

1459828318-f28a6822-578c-407f-99a7-4c0e0d4d80ff

A scan-to-scan integrator for use in radar apparatus comprises means for defining a search window for use in verifying a candidate detection. The method then checks for inconsistencies and corrects discovered inconsistencies in each of the local counters while the file system remains online and available for use. In other variants, the invention provides an apparatus, a constrained rate receiver, a transmitter and a signal. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into 39B93 through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. Thus, with respect to the images of the scene captured by the camera, it appears that a single and continuous light source is moving along a path that is dictated by the configured arrangement of the array, as well as the sequence of illumination for the discrete light sources of the array from frame to frame.

1459828319-01ff1209-1999-4c94-a83f-1bf8df13b25c

A capacitance type humidity sensor includes: a detection substrate including a detection portion on a first side of the detection substrate; and a circuit board including a circuit portion. The switching period of the clock signal is based on a charging time plus a discharging time of a capacitor included in the timing circuit. The railcar stop is further configured to be selectively movable in the first direction along the rails from the second position to a third position to thereby disengage the railcar stop from the tread of the least one of the wheels. An activation circuit determines whether or not the activation signal has been received by the first power supply connecting circuit on the basis of a voltage between input terminals of the converter circuit and activates the control circuit when it is determined that the activation signal has been received by the first power supply connecting circuit.

1459828319-83cc5a2a-3095-482f-a60f-32f65a64cafd

A method for invisiting objects includes receiving information indicating an intersection between a first object and a second object. Interchangeable anterior and posterior axle units are designed to position the toy vehicle at a ground clearance that proportionally resembles a full size vehicle ground clearance. A system and method for tracking manufacture of individual stents is also provided.

1459828319-de41424e-ea69-4b9d-a878-0e45eace558a

There is provided an information processing terminal that has a plurality of data communication portions that receive data from a readwrite unit by a non-contact method. A plurality of stacked planar optical waveguides are used to guide light from an inlet face to an outlet face of an optical panel. Optionally, other additives may be included, such as accelerants, retardants, dispersants, and the like. The tray device includes a rotatable tray that alternately provides a tray and a writing surface.

1459828320-00d0085f-bec7-4674-8abd-8215eda78504

According to various aspects of the present disclosure, exemplary embodiments include assemblies and methods for dissipating heat from an electronic device by a thermally-conducting heat path to the external casing via one or more portions of an electromagnetic interference shield and/or thermal interface material disposed around the device's battery or other power source. The network may utilize a polling communication protocol such that under heavy traffic conditions, a roaming terminal wishing to initiate communication may be required to determine whether the channel is clear by listening for an entire interpoll gap time. The invention detects sequences of test sound frames having distortion levels that are greater than a temporal distortion threshold and calculates an average length and a maximum length of these sequences.

1459828320-1415975d-d349-4d4d-944c-258af9ff4ab1

Systems and methods are described herein for enabling a burst mode in a printing device to accelerate a first page out time for a print job. Longitudinal ends of the body define coaxial openings. Each available pointer in the listing of pointers references a particular free kernel memory location.

1459828320-96b5fb2e-b23b-46a2-a0f1-e14fa326297a

Digital circuit is synthesized from algorithm described in the MATLAB programming language. Aspects of one method may include providing power to a first of a plurality of voltage islands, and individually controlling providing of power to each of a remaining portion of the plurality of voltage islands. A focusing lens system focuses the illuminating light beam on a region to be examined of a sample. A display device presents images of the maximum slope superimposed with altitudes of a projected flight plan. A radially outwardly directed and radially inwardly reflective surface extends generally from a front edge of the axially forwardly directed frustoconical light-output surface to a rear edge of the radially inwardly directed frustoconical surface.

1459828320-c51395c6-cac8-45df-a972-105a9d8462b4

A method for editing a title recorded on a digital storage medium. The web-centering apparatus has a support member, a tracking assembly, and an alignment mechanism, each contained within the internal aseptic area of the packaging machine. The depth sensing pixels may include mechanisms that prevent regions of the substrate from receiving incident light. The detection unit is disposed between the delivery unit and the medium stacking unit in a medium conveyance direction, and detects an amount of the medium delivered to the medium stacking unit.

1459828320-cbbae573-7f46-4caf-a8d2-481d8954ef07

Methods and apparatuses are disclosed for refining groupings of edge points that represent contours in an image. The device includes a solid body, a bracket and a decorative float. The filter, error generator and NLMS filter-definition generator function together as an adaptive estimator. In response to identification of the content item and the user identity, the request processing component directs a recommendation engine associated with the system to identify the content related to the content item and the user identity. Each resource supports one or more of the modules, and prioritizes operation of the supported modules according to the

corresponding assigned priority levels.

1459828321-007e3f63-426c-4c18-8559-7ef025c60e63

Described is a method and system for analyzing throughput of a production line. A plurality of instructions is processed to parse a first sequence of instructions comprising a first area of interest. By using embodiments of the present invention, a standard MIB can be re-used for operating APIs, thereby costs for managing the APIs are reduced. The accumulation states are characterized by a high electrical resistance. The first substance may be dialytically freed from the cryopreservation fluid at a user desired time. A dual-band variable oscillator is used to tune signals in receive and transmit mode.

1459828321-c53da672-01f7-42f5-9eb1-112d8d9e8967

An installation and method for halal killing poultry, such as chicken, turkey, duck and quail, includes the steps of: i) suspending the poultry with the poultry head down; ii) positioning the suspended poultry head via a V-shaped positioning element; and iii) killing the poultry near the suspended and positioned poultry head, optionally the poultry may be prestunned. The support rod has a removal preventing projection that may prevent the visor body from being removed from the support rod. A reference field picture having a same parity as the current field macroblock is selected if the reference field picture index is an even value. The electronic image pickup system also comprises an electronic image pickup device I located on the image side of the zoom optical system. Various improvements for more reliably and consistently inflating the containers are also disclosed.

1459828322-2d1abe7a-4af6-4e22-8e2c-50ed48871773

A manual transmission for a four-wheel drive vehicle transmits a power to a front drive shaft for driving front wheels and to a rear drive shaft for driving rear wheels through a propeller shaft. A first and second earpiece is attached to the first and second end of the headband, respectively. The filter mirror assembly is so mounted that a rotation thereof will not alter the optical path the beam positions of signals resulted from a rotation of the filter mirror assembly. The nonlinear site flow context development module can then correctly determine the actual user flow during a Web session and develop an accurate context of the user's session. The system provides a decision assistance interface for interactive management of the file access control and for tracking abnormal user behavior. Then, by measuring the gate dielectric properties and then correlating those measurements with the underlying fin dimensions, a relationship between fin dimension and gate dielectric properties can be determined.

1459828322-8222c481-b24b-4dd5-89ca-9afb9e55bb8d

A unitary control for operating at least the fan and compressor of a climate control apparatus in response to signals received from a thermostat. The vacuum system has a vacuum head and a vacuum nozzle. The non-magnetic middle layer is formed of a non-magnetic oxide or nitride, and is disposed between the non-magnetic base layer and the magnetic layer.

1459828322-a1ac3e94-7ba0-4339-9568-a6a4ded5ad3f

Systems and methods of processing write transactions provide for combining write transactions on an input/output hub according to a protocol between the IO hub and a processor. A pair of dry fiber preforms are placed on a tool with a thin film adhesive layer therebetween. An earth terminal, which comes in contact with a body side earth terminal formed in the protruding section, is formed in the hole. The disclosed SLA template may further include a number of SLA defaults, which may consist of default values and or software program code logic. Another aspect of the invention concerns a pharmaceutical kit comprising oral dosage units that contain the aforementioned estrogenic component and a progestogenic component as well as an androgenic component.

1459828322-a54655ff-b462-4c88-8d2e-e747304011eb

A vehicle, such as a motorcycle, has a structure in which strength of a body frame is increased and positional accuracy between members constituting the body frame is improved. The font is accessible for the printing of MICR characters when the toner cartridge is installed in a printer. 04 molehour without loss of selectivity is disclosed. The thickness of the guide plate may be gradually reduced or constant toward a free end of the guide plate. At the second larger diametrical size, the gelatin or collagen material can occlude a vascular vessel for a period of at least 20 days without degrading. The carrier plate and the metal plate are then joined, and the connecting ridges are then parted.

1459828322-dc4e6ce8-d804-4835-9b4b-747310e7e21d

A dynamic carrier selection method and system permit units operating on a first carrier to change to a second carrier when performance of the first carrier becomes unacceptable. A layer jump control method of the optical drive is also provided. In a second aspect an adaptable device is disclosed.

1459828323-28bd046a-8945-4338-904a-6894402c66ed

Disclosed is a friction-stir welded structure in which corrosion resistance of a peeling region is ensured when a film coating is peeled away from a steel sheet. The planar board has components on one face thereof oriented toward one face of the chassis. The computer program further includes logic configured to verify that the rows of the initial structure are linearly independent and logic configured to apply an orthonormalization procedure to the initial structure to obtain a space-time structure.

1459828323-586dd197-605b-4f16-bedd-81e46ebc20f4

A personal wireless device is utilized to carry out measurements of one or more network-performance related metrics in response to a triggering event. Upon detection of such a conflict, a new foreground color is selected in accordance with a predetermined legibility criterion. Furthermore, the data is arranged such that no one data storage device stores both the primary and mirrored copies of the same chunk of data. The first cross-sectional area is at least two times greater than the second cross sectional area. One side of the compartment is substantially flat to enable the transportation of persons or materials, and has a number of handles to facilitate transportation.

1459828323-ce647c06-931d-4427-b03c-62c9619d1840

Method of measuring the weight of bulk liquid material within a container of a tractor-trailer combination in which air bag pressure of a pneumatic suspension system is sensed and correlated with the weight of the bulk liquid material within the container. The tensioning system has a mechanical stop that limits retraction of the actuator, and thus limits how much slack can be created in the endless track. The implantable medical device may include a target that creates an internal magnetic field for the compass to interact with. The second section includes a groove part which is configured to position the wire therein and an extending part which is extended from an edge of the groove part and closes an opening of the groove part so as to form a tubular structure.

1459828324-1371dbc8-8f84-4e1f-86fb-75e835277a3c

A system and method for providing quality assurance for interactive television and software application data packages delivered via a network. The method may be used to display tables on a small footprint device, such as a smart cellular phone, a personal data assistant, a handheld computer, etc. When the first case 1 and the second case 2 are kept in an open state, the display unit 5 on the first case and the key input section 7 face in the same direction, and the image pick-up unit 121 faces in the opposite direction to a display screen of the display unit and the key input section. The pre-processor may be implemented in the form of an interpreter which selects and executes a script that includes language- and scenario-specific

instructions for performing linguistic and semantic analysis of the text.

1459828324-38a36e12-f610-4a58-821c-67c1684ff2eb

Elevator reassignment information is communicated to passengers in a group elevator system. The detection device has at least in one previously selected acquisition configuration, a degree of pixelation in the detection plane greater than 1 and a collimator-detector distance greater than one tenth of the septal height of the collimator. This method comprises the step of subculturing a cultured cell in a culture medium containing thidiazuron in an amount effective for inducing callus formation.

1459828324-6c04b4f2-6c8a-4dbd-8c61-1bf28e716766

The present invention relates to a surface interaction type multimode optical fiber coupler. A container configured to reside in a standard chlorine tablet dispenser is filled with a disinfectant solution, which contains a disinfecting substance as an active ingredient. The calculated sampling frequency is a frequency that makes it possible to complete simultaneously the reproduction of the combined JPEG data and the combined audio data.

1459828324-e109a03a-6e9e-4159-aa45-1994859c49c8

Systems and methods for delaying automatic playing of a video based on visibility of the video are presented. The flow detection method uses a device comprising a processor associated with a flow sensor and a memory which stores predefined flow criteria. Abstract representations of financial assets are used to obtain instances of defined financial-asset object classes to define pools of financial assets with common abstract characteristics.

1459828325-2d963714-b05d-427d-877d-4e990f14ac32

A developing device includes a first developer holder and a second developer holder. A diameter of the expanded tubular section is controlled by controlling a fluid pressure in the annulus. Light energy is transmitted in a narrow swath across the portion of the surface having the standardized features. in an amount of from 10 to 40%, is provided to the surface of the ink-jet recording sheet in an amount of 20 mlm<sup>2</sup>, .

1459828325-79537e14-e37d-4a47-8572-8c93b2cc731a

A liquid crystal display device includes a panel, a heater, and a temperature detector. Each PEM cell may include an anode portion and a cathode portion separated by a portion of the PEM membrane. A stiffener may be arranged in-line with the vulnerable seams and fixed to the encapsulated array opposite to the seam protector. Then, the amplified voltages on the digit line pair are equilibrated with an equilibration circuit. The flame retarded compatibilized blends exhibit desirable dielectric properties, are flame resistant and exhibit low smoke emission. The fly-drive vehicle also includes a landing gear assembly for raising and lowering the pair of wheels with respect to the vehicle body and a folding rotor shaft assembly for raising and lowering the rotor with respect to the vehicle body.

1459828325-c0c5bd43-8e91-4d01-bb91-388c974b3413

In the process for producing methionine of the present invention uses, as an equipment material for a step of hydrolyzing 5-hydantoin in the presence of potassium carbonate to produce methionine, a stainless steel containing 21. The device includes a first infrared detector, a second infared detector, and a controller. In one application, for example, an embedder process steganographically encodes data into an image as part of the process of uploading the image from the image capture device to external storage. It also includes the innovations of using speech recognition of one or more letter-identifying words to alphabetically filter handwriting recognition, and of using speech recognition to correct handwriting recognition of one or more words. An obtained product is utilized for updating

above described respective tap weight coefficients. To improve the function during rain, the passing of a windshield wiper through the camera image be used to classify individual images and/or portions of images as being of higher or lower quality, in order to improve the quality of the images from the camera.

1459828325-d2af8d65-6f02-4c63-8cdd-3c4b9b9bae9e

In an image forming apparatus, a page data generation unit is configured to generate page data of a job list screen that includes a link to the page data of a detailed information screen on an uncompleted job. An access control automaton generation unit generates an access control automaton from an access control policy; a schema automaton generation unit generates a schema automaton from a schema; and a logic operation unit performs a logic operation related to each of the generated automatons. A determination is made whether the inline parameter would result in a value of a device operation parameter within a predetermined range. The speech signal having a pitch fluctuation can be compressed in high quality and high efficiency by coding or synthesizing the speech wave signal using the pitch wave signal creation method of the invention.

1459828326-c9e9fa05-a0e1-4e2e-9931-8aed4a88d5a3

Compounds, compositions and methods for the treatment of retinal degenerative diseases, such as retinitis pigmentosa, Leber's congenital Amaurosis, Syndromic retinal degenerations, age-related macular degeneration and Usher Syndrome, and hearing loss associated with Usher Syndrome are described herein. A computation unit determines, with the aid of information provided by the information source, an energy reference profile having a trajectory reference profile and a speed reference profile that allows the aircraft to regain a stabilized approach trajectory, if it follows the reference profile. The top and base plates are joined to the connecting material by means of a foaming adhesive which fills the cavities remaining in the composite. The text clustering is performed using seeds based on the conceptual guidelines.

1459828326-cdc20883-2890-44be-8e07-8ed2dded68bd

A tool for driving headed fasteners has an opening in the tool. The method determines a type of the word sequence constraint based on the shape of the gesture and determines a value of the word sequence constraint based on the location of the gesture. The first ad unit is caused to display at the particular user computing device. Based on the calling party number of a call, the network can determine if the call should be terminated as an information service call or a regulated PSTN call. In order to allow in a simple manner an improved web guidance and sliver quality, and to permit the web guide to be adapted to different technical parameters, such as fiber material properties, working speed, a parameter relating to contact between fiber structure and inner wall is alterable.

1459828326-fb21ca86-05dd-4715-af0e-24cbd7dc198f

A method for inspecting electrical circuits, and a system for carrying out the method, generating a representation of boundaries of elements in an image of an electrical circuit which is under inspection, and analyzing at least some locations of at least some boundaries in the representation of boundaries of elements to identify defects in the electrical circuit. The top support and first edge support make-up a first support section. , and forming the via interconnection.

1459828327-665eaabc-4ba2-4cec-b742-a8f4de3a0271

An on-vehicle electronic device control system includes a base-device-layer on which base-inputting-devices and base-driven-devices are disposed and plural control layers on which plural control units are disposed. With such a circuit design, the current through the first and second LED can be phase shifted compared with the current through the third LED circuit, so that the first and second light emitting diode circuits emit light during one time period, while the third light emitting diode circuit emits light during a second period. The extreme temperature



gasket generally includes an inorganic filler, an inorganic fiber, and an organic binder.

1459828327-6e0cbb8c-0dc8-4f19-aaa8-1051ed1a3f1f

An adjustment stop screw or bolt is provided for adjusting the full forward speed position of at least one steering lever on a skid steer loader. In an exemplary embodiment of the invention, the method includes removing, from the array area, an initial pad nitride material formed on the device. When the first set value corresponds to a fast boot mode, the BIOS performs a fast boot process, in which the fast boot process is interrupted when the BIOS receives a system control interrupt. The outer camshaft piece also defines a hollow extending a length.

1459828327-7c9c956d-659a-406b-9f07-b0f79d001b16

A CPU of a personal computer operates as a driver of a color printer main body in accordance with software processing based on a printer driver program installed in a hard disk unit. The first signal has an amplitude range between a second power supply potential, which differs from the first power supply potential, and the ground reference potential. The housing includes a water inlet in fluid communication with the upwardly opening chamber that functions as means for coupling water from a separate source of pressurized water to the upwardly opening chamber. The tentative path uses a first DFE device and a reflection cancellation circuit to generate a correction signal for removing reflection signal from the digital data stream. The plural image processing devices and the control device are composed respectively on different units, whereby the structure of the apparatus can be easily changed, and a decrease in processing speed due to the competition for buses can be reduced without increasing the number of parts necessary for bus control.

1459828327-a570b445-4201-4a0c-b118-f6ce6eccb9c8

A shock-absorbing adapter for connecting a fifth wheel or gooseneck trailer to a towing vehicle including a lower plate, an upper plate, first and second guide means, cushioning means, a first coupling mechanism for releasably connecting the lower plate to the towing vehicle, and a second coupling mechanism for releasably connecting the upper plate to the fifth wheel or gooseneck trailer. The end cap is configured to allow the endoscope to be introduced into a patient body by a short-wire type of operation. The first doped layer includes a first plurality of protrusions extending from a first connecting base portion. An IR-LED distance measuring sensor is mounted within each bin for generating an output which is a function of the level of paper present in the compartment.

1459828327-bcc27b71-6685-4319-961e-b1fee924d450

A flexographic printing machine having at least one inking unit in which the setting of the printing position of the format cylinder and the anilox roller can be achieved by adjusting the format cylinder to the impression roller and the anilox roller to the format cylinder using adjustment equipment. The adapter has a cavity that has four sides and four corners, and a lower portion consisting of four flaps. In regard to a small block in which interframe predictive coding has been performed, an image-quality degradation estimation unit estimates the degree of image-quality degradation that will be caused in this small block in the decoded image. Transistors in the first output signal chain and the second output signal chain are fabricated using corresponding gate oxide characteristics. The counter shaft is pivotally supported in the lower crankcase, which is positioned on the lower side of the cut surface BF. The processor consequently avoids race conditions in the system and allows the parallel execution speedup of programs written for a sequential machine such as a PLC.

1459828328-2476eb3a-e9a0-4869-b30e-54ffd23b98f8

A mobile storage tank includes a wall, a platform secured to the wall, and a structure that provides ascending access to the platform. A method for amplifying

the production of cobalamines, and particularly coenzyme B12, using recombinant DNA techniques, are also described. The slider also includes a separator finger depending from the back between the pair of sidewalls and shaped along its length to first press together a bottom of the male and female profiles and then roll the profiles closed toward a top thereof as the slider moves toward the closed condition.

1459828328-3559fae8-d89e-4787-beb5-1617a593dc65

A programmable logic device architecture providing efficient configurable functionality to allow the \u201ctie-off\u201d of logic region-wide control signals. The termination fixture provides an interface that exposes portions of the drive member to direct movement by an external system that may include a manipulator and a sterile barrier. The receiver includes an optical hybrid that combines a received optical signal with a local oscillator signal, a detector that recovers components of a complex signal, a processor that receives these components, and instructions that cause the processor to process the components of the complex signal recursively under control of a Kalman filter that enforces a constraint to recover data.

1459828329-1ab7192b-40df-495b-a44a-57dd2dff897a

A medical device known as an implantable neurostimulation system is configured for implanting in humans to deliver a therapeutic electrical stimulation to tissue to treat a variety of medical conditions such as pain, movement disorders, pelvic floor disorders, and many other conditions. The power control device is fastened to the upper surface of a transaxle by a screw via a mounting foot provided in the front-rear direction of the vehicle. The upstream receiver can be arranged in a recirculation loop with a steam separation drum, which may be bypassed during the initial heating of the upstream receiver by insolation. When a landmark is encountered and recognized, its true location coordinates are looked up from the database. At least apart of a peripheral edge of a ceramic layer defining the second through hole is visible through the first through hole. The panel sheet 100 corresponding to the language selected via the operation buttons 24a at the sections 111 to 113, 115 to 117 and 119 to 121.

1459828329-7c4c7b52-0306-40b9-9f3b-51724153437f

A method and system is presented for personalizing an electronic program guide that enables a viewer easily and quickly to access to the subset of information that is personally most relevant. A thematic hierarchy generation module receives multiple data sources and generates a thematic hierarchy of the data source, where a data source has one or more topics and a topic has one or more themes. The pool of constrained sequences may be generated utilizing a Knights Tour sequence generating system. At least one of the SCR circuits is configured to selectively provide a short or relatively conductive electrical path between the pad and one of the positive power supply terminal and the ground terminal. The process line reduces unnecessary processing steps by removing known defective individual liquid crystal panels before subsequent processing, with the knowledge about defects depending on stored information. The method for producing an internal olefin comprises a step of isomerizing an \u00b1-olefin having from 16 to 18 carbon atoms by passing through a zeolite catalyst bed, wherein the \u00b1-olefin having from 16 to 18 carbon atoms is circulated through and brought into contact with the zeolite catalyst bed before starting the isomerization reaction.

1459828329-8a05bb8b-7fb1-493c-826f-429db225000f

A method of manufacturing a semiconductor device package includes forming a patterned photoresist film with windows for exposing a plurality of connection bump areas on a conductive substrate, forming metal plating layers on the connection bumps area using the photoresist film, and forming first gold plating layers on the metal plating layers. The power system comprises a power module unit and at least one mounting rail detachably coupled to the power module unit. Then, the deflection

coil is removed from the winding machine and heat is applied to the deflection coil after the deflection coil has been removed from the winding machine to a temperature above a first temperature and below a second temperature. Flow channels are provided extending chordwise between the cooling fluid channel and the suction sidewall lip and include a metering section, an internal diffusion section and a breakout slot.

1459828329-c5c9cc37-4a12-4473-8d59-1e5b417bb01e

Provided are a method and apparatus for decoding a mixed code that is a combination of first and second code images. A metal wiring layer is formed on a semiconductor substrate including a circuit region, and first conductive layers are formed on the metal layer separated by a pixel isolation layer. The base of the first chamber is provided with electric heater and a thermally responsive control is provided associated with the base so as to be responsive to the temperature of the heater or to a section of the base for interrupting the power supply to or reducing the heating output of the heater.

1459828329-c76a3a8b-2be1-401d-b710-2c911b9fa5e7

Embodiments of methods, apparatuses, devices and/or systems for manipulating hierarchical sets of data are disclosed. In one implementation, multiple request generators, grant arbiters, and acceptance arbiters work in conjunction to determine the scheduling of packets. The reference image is generated by identifying a defect or contaminant of the mask in the subject image and modifying the subject image to remove the defect or contaminant from the mask to generate the reference image. The tape can be wrapped around one or more conductors, such as wires that transmit data, to provide electrical or electromagnetic shielding for the conductors. A preferred embodiment uses a hydrogen source to minimize the halogen content of silicon nitride materials deposited by PECVD.

1459828330-036f777e-732f-4adb-9d4d-0553dbcaf248

A turbine rotor blade with a four-pass aft flowing serpentine flow cooling circuit with a first leg located along the leading edge and the fourth leg located along the trailing edge region, and with two exit slots connected to the fourth leg with one exit slot opening on the trailing edge just above the platform and the second exit slot opening just below the platform. The closure includes a stopper, a shield, and a pusher. SO<sub>x</sub> released from the SO<sub>x</sub> trap catalyst in this region can be trapped in the SO<sub>x</sub> trap catalyst at the downstream side once again without flowing out from the downstream end of the SO<sub>x</sub> trap catalyst. To reduce the amount of feedback information, transmit beamforming combines limited feedback and beamformer interpolation.

1459828330-46053a65-fce5-4dd0-a076-a96a9352f7ac

Methods and apparatus for communicating between surface equipment and downhole equipment. The server may be operable to receive a dual channel communication packet from the client. A method of deploying an apparatus using such a composition may include placing the apparatus at a suitable location in a wellbore and activating the composition to deploy the apparatus in the wellbore.

1459828330-4c645f35-0639-42d0-b11b-4486c81a2142

The present invention enables secure, valid card payments in credit transactions to be performed, preventing fraudulent card use even in cases of loss or theft of a card or of information theft. The method also includes calculating future subframes expected to experience coexistence issues based on previous subframes estimated to have experienced coexistence issues. In preferred forms, a series of alternating interdigitated trapezoidal starboard and port headliner modules are disposed adjacent to the cabin headliner. A programming circuit programs all of the plurality of banks except a last of said banks with page data. Subsequently, the primary printer receives raster bits corresponding to the un-rasterized portion from the secondary printer. Also including, fluorescent layers, wherein a light

absorption layer is formed on a side of each bus electrode directing the inside of the cell.

1459828330-b3d1a4e8-40a9-4d03-b682-9fcb83770241

An encoding/recording device encodes a video signal according to MPEG, encodes an audio signal with a predetermined method, and multiplexes the encoded video signal and the audio signal to produce a system stream. First, a radio frequency module of the GPS receiver is used to receive a satellite signal from at least one satellite. The method includes determining whether the sequence started, determining whether the sequence completed, and determining whether a sequence fault occurred.

1459828330-e74de662-1a71-4393-bd87-7bb1bf4bfe11

The invention relates to a process for determining pressing parameters for the pressing of compacts, whereby in one step a test compact is brought to the required density in order to achieve the nominal pressing force, and in order that consequently the machine is in a balanced deflected condition with regard to this nominal pressing force. A steering shaft is divided into two portions in the axial direction. The header structure further includes one or more electrical leads extending through the base portion and into one of the first and second portions of the header structure.

1459828331-1ad78813-9cb1-41fa-9db5-ecce758278e8

A method is provided for limiting noise in a plurality of signals received in a multiple input receiver. The receiving unit receives two pieces of image data to be compared with each other. The insulation porcelain has a groove formed on an outer peripheral wall thereof to define a portion of a reference gas passage communicating between an air inlet formed in the metallic cover and the reference gas chamber.

1459828331-3da26259-306d-489e-ba38-d20b6dd7d804

Embodiments of the invention describe a modulator material heterogeneous-bonded over a resonator structure in a photonic integrated circuit to create a resonance-enhanced modulator. Said software includes an upgrade program that is extracted from the software and placed into a user software protection device, and a protected program retained after the upgrade program is extracted from the software. The structure comprises a composite beam elongated in the direction of the printhead and being at least as long as the printhead. The first collimator is rotated about its central longitudinal axis to adjust a position of the first optical output beam on a surface that intercepts the first optical output beam. In another embodiment, each device comprises a local embedded memory and is provided with a DMA for transferring data between the local memory and the shared memory. This technique also includes determining power applied to the electrical loads, and dynamically controlling the amount of power supplied from the power generating device and an electrical energy storage device in response to the power applied to the loads.

1459828331-810ddbc7-f0c7-406a-a4d8-56185ea771d8

A hybrid gateway includes functionality that allows bandwidth on a network to be dynamically allocated and enforced. In use of this recording material, printed items in a desired size can be formed rapidly and easily. The route distance icon can provide the on-the-route distance.

1459828331-f4b2a9de-eded-46db-878f-a659ae5f579d

A method for separating features in a target layout into different mask layouts for use in a photolithographic process. The invention also relates to pharmaceutical compositions comprising said derivatives, as well as to the use of these spiro2H-1-benzopyran-2,4-piperidine derivatives in therapy, more specifically for the treatment of CNS disorders. A void is formed in a first surface of the fabrication substrate and a first active region of the photodiode having a first conductivity

type is formed in the void.

1459828332-2b0b5b54-6588-4aca-8ab7-95c386cca31a

An apparatus that enables quick disconnect termination or connection for cryogenic transfer lines is presented. The thin film transistor is formed on an insulating substrate. The common computing module includes a control processor, a plurality of processing units, a plurality of local memories from which the processing units process programs, a direct memory access controller and a shared main memory. A method for attenuating the noise that is produced by the exhaust flow of a jet engine is also provided. The system also comprises a reading device connected to said syringe for displaying flow, pressure and flow resistance parameters. Only the diamond film in the vicinity of the cutting edge can be polished first, without polishing the film of the diamond formed centrally of the rake surface and/or the flank surface.

1459828332-557b569a-4225-4e0e-96a0-1e503f2c7210

The present application provides a subscription interface positioned between client devices and third-party digital subscription providers. Calibrate coarsely a frequency of an oscillator according to a width of an end-of-packet of the series of digital data. The receiver receives first and second location information requests comprising respective first and second timing periods at first and second reference times respectively. The first passageway is in fluid communication with the front chamber and second lumen. According to the approaches described herein, adequate cold-start fuel atomization may be provided without compromising driver satisfaction due to excessive pre-ignition delay, while at the same time reducing unnecessary heating of fuel during warm engine off conditions. The torso raising assembly is movable between a lowered position and a raised position.

1459828332-93937faa-4ea4-4adb-b5eb-affc3a0a7db5

A garage door bottom seal retainer comprises a seal cavity, an exterior tension member, and an interior tension member. The technique is suitable in particular for what is referred to as software-defined telecommunications equipment. The float is fitted on a shaft of the fluid level sensor.

1459828332-aba93f37-4bc3-42cb-a2b9-5c29f0e5d1b8

An aerated frozen product comprising less than 8% fat by weight and characterized in that the aerated frozen product comprises fat platelets, and after it has been melted and cooled, comprises fat platelets and spherical fat globules at a platelet to sphere ratio of greater than 0. A greater number of address lines than a minimal number of address lines needed for unique addressing in a deterministic, non-randomly fabricated multiplexer or demultiplexer are used. These any two different images are from among an externally input image, a live image, and a document/multimedia image.

1459828333-1a3c421f-dbe7-4af3-923f-43ad85033538

A method and system for attaching LEDs to circuitry which would protect the LEDs from heat damage and allows for individual LEDs to be removed. The bulbous end is connected via a reduced diameter neck to the base. This set of roadway acoustic sound patterns is created by a physical contact between a roadway surface of the roadway and a tire on the terrestrial vehicle. The residual fraction of hot xylene reflux of the sliding material is in a range from 33 to 75% by weight based on the total weight of the sliding material, and the content of the silicone compound based on the total weight of the sliding material is in a range from 5 to 35% by weight.

1459828333-918b175e-7ed5-4548-a29c-0de23176e579

Methods and apparatus for robotic induction in materials handling facilities with batch singulation inventory areas are disclosed. The cup seal also includes an abutment surface and contact pressure adjustment surface. The game tokens comprise

a plurality of sets of game tokens whereby each of the sets of game tokens is designed for representing one of a plurality of players. One or more embodiments feature a network adapter for exchanging with a computer network information in the form of packets each including a packet header and packet data. This colorant can be prepared by treating an adsorption-treated Brassicaceae plant colorant extract by at least one method selected from among adsorption, ion exchange, acid treatment, and membrane separation to thereby give an aroma component concentration of 100 ppm or less in case where the color value  $E_{10\%1\text{ cm}}$  is 80. The compounds are useful for the treatment of chronic and acute pain.

1459828333-f7aa0858-19fb-44b1-93a1-43c7522ac094

In a method, data is partitioned into partitions, which are divided into levels. The identification may be performed without producing the first result or the second result. In progressing from an innermost layer to an outermost layer, there also exists at least one instance where subsequent positive angles of orientation are separated by or vary by about 15 degrees. Other embodiments are also disclosed. The aromatic hydrocarbon units have substituents of the general formula  $R_1SiR_2R_3R_4$ , wherein  $R_1$  is optional and is a hydrocarbon or ether linking the silicon and the aromatic hydrocarbon, and  $R_2$ ,  $R_3$ , and  $R_4$  are one or more of hydrogen, alkyl, and alkoxy, with the provision that no more than two may be hydrogen or alkyl. Inlet nozzles are connected to the inlet conduit.

1459828334-2540a768-7774-4874-9927-232448084454

An endoscope apparatus for endoscopic treatment is disclosed. The plasma device includes devices with a plasma that is responsive to electromagnetic radiation and/or electrical signals. Each tension element includes a mechanical fuse operative to fail in tension when the first and second side elements supply an excessive tensile load to the tension element. Based on the selected output mode, an image path among a plurality of image processing elements of the apparatus is selected among a plurality of image paths. The exterior anchor may be positioned on an exterior surface of the first sidewall.

1459828334-575a644f-f722-4988-beea-77cbd27b9476

The present disclosure relates to the use of DNA sample data as part of a biometric security system in a transponder transaction. An interlayer insulating layer and an auxiliary layer having interconnection line patterns are sequentially formed on a substrate in which a conductive region is formed. The second predetermined portion of the media content is different from the first predetermined portion of the media content, and the second data-based compression algorithm is different from the first data-based compression algorithm. A first focal lens is arranged to receive the optically interacted radiation and the one or more stray signals and generate a primary focal point from the optically interacted radiation.

1459828334-9d3d9a25-9f60-4632-89b7-8aa147eaaba8

The objectives of the present invention are to reduce the throughput required for a rapid reproduction or other special types of reproduction and to improve also the data access speed at the time of a rapid reproduction. The invention also relates to the use of the compounds of the formula or pharmaceutically acceptable salts thereof for preparing a pharmaceutical composition for the treatment of a medical disorder susceptible to treatment with dopamine receptor ligand, such as schizophrenia. The parity for all of the diagonal parity sets except one is stored on the diagonal parity disk. Communicating in the first node with a third node using messages associated with a third set of operations, the third set of operations providing at least part of the operations provided by the first and second set of operations. Each of the thermal inkjet printheads includes a heater that heats ink by directly contacting the ink and is formed of an alloy of  $Pt_{20}Ru_{14}$  or an alloy of  $Pt_{20}Ir_{14}X$ , where X is at least a material selected from the group consisting of Ta, W, Cr, Al, and O.

1459828334-aa8e8fa1-0b4c-4a46-8ae9-e437957aa188

An electrical interconnect providing an interconnect between contacts on an IC device and contact pads on a printed circuit board. A primary storage control device and first secondary storage control device are connected by a synchronous method, and the primary storage control device and a second secondary storage control device are connected by an asynchronous method. The connection piece preferably has a hollow cylindrical shape and includes a securing mechanism, especially a thread, at one end.

1459828335-109a0845-567f-4717-8783-257c9dd01962

An ink composition comprising: a coloring agent having an oxidation potential of more electropositive than 1. This ensures that data encrypted either with the first encryption parameter or with the second encryption parameter are always shifted, thus making it harder for attackers to eavesdrop on clear text data. These strategies suffer from a number of performance problems including slow execution, large software and execution overheads and deadlocking problems. As a result, if a space between an electron drawing electrode and the electrode for the electron source is narrow, the percentage of anode current increases in the total current, thereby improving the current distribution percentage. In some examples, the method enables an element to be added to the queue even when the queue is in a locked state. An operating cooling efficiency indicator is calculated as a ratio between equipment electrical power consumption and a temperature differential between the equipment and an ambient temperature.

1459828335-402097d8-99d9-4edf-8068-86ecb1aab5b7

A latching mechanism capable of providing clamped retention to a vertical member, and a repositionable part support device and part support assembly employing said latching mechanism. In this embodiment, at least a portion of the conductive layer may be used as a reference voltage plane. In one expression, the magnetorheological-piston core includes at least two separate core pieces, wherein each of the core pieces is a powder-metal core piece, and wherein the coil is positioned to circumferentially surround at least a portion of at least one of the core pieces. The supply system further includes first and second fuel tanks fluidly connected to the first and second outlet ports of the manifolded Y-connector. Penetration depth is optimized by limiting range of distances between paths and detection fibers.

1459828335-758aa456-a111-4542-bc8b-4ead70207ee9

Embodiments of our invention describe the method for producing forbidden pattern free codewords using an encoder-decoder. Because the quench cools the sheet, conventional cooling lines are eliminated from the mold. When the graphics panel is in the upper position, the wares on the bottom shelf are viewable to potential purchasers and when the graphics panel is in the lower position, the wares on the upper shelf are viewable to potential purchasers.

1459828335-78e38822-879b-41fb-8ff7-6ed645c47ea8

A drink making machine includes an ice shaving and dispensing unit which provides a predetermined amount of ice, by weight, through a chute to the pitcher of a blending unit. Other embodiments may be described and claimed. A passive element circuit including an inductance element is connected to an input stage, that is, the stator side, of the rotary transformer in parallel to the rotary transformer.

1459828336-14d11c88-eecc-445f-9239-63f4b76c855d

Systems and methods of monitoring packet delivery are disclosed. In particular, the present invention provides a multifocal contact lens, a multifocal intraocular lens, a method for making a multifocal ophthalmic lens, and a method of correcting presbyopia by reshaping the cornea of an eye. This maximizes the torque developed and transferred to the hubshaft in a manner that does not greatly inhibit total through flow. A section of the flexible member is left as a tail.

1459828336-2239c7be-a12c-4dde-ab03-bf962ef07e26

An active air flap apparatus for a vehicle is configured to include an air flap 20, a thermoelectric device 40, a PCB 50, a heat transfer bar 60, and a variable length member 70. A group of transmission channels to be used for each data stream is initially identified. An ECU determines a purifying performance of the catalytic converter based on one of an amount of supplied NOx deoxidizing agent, which is required to deoxidize and remove absorbed NOx at the NOx catalytic converter, and a parameter that correlates with the amount of the supplied NOx deoxidizing agent. The probe is applied as a layer to a surface, exposed to fluorescence-inducing energy, and emitted fluorescence measured.

1459828336-7e2beb0e-49a1-456a-acf6-9bdca9430674

An Interferometric Modulator is a microelectromechanical device for modulating light using interference. The first connector portion may include a first base, a male contact carried by the first base and extending outwardly therefrom, and a first shell carried by the first base and surrounding the male contact. The method is suitable for the electropolishing of metal surfaces after formation of filled vias for through-silicon via processes employing metals such as copper, tungsten, aluminum, or alloys thereof. After the completion of the data transfer, the hard disk with the failed head and the other hard disk serving as the destination of the data transfer are used as hard disks constituting the same RAID array. The control system may also take into account whether a user has selected the electric-only power mode.

1459828336-d9812258-01dc-4560-84d2-e3d761b579c3

A method and apparatus for programming nonvolatile memory in a microcontroller. The camper has a solar structure carried by a base. The method can further includes executing an algorithm that reads each of the configuration status values that were stored responsive to executing the plurality of rules and processes the configuration status values so as to produce a final configuration status of the computer and storing a record indicating the final configuration status of the computer.

1459828337-2e6b37fc-e4f2-4de7-85b9-bb47fd4d6a99

A gyricon display containing modified particles is disclosed. The stator is composed of at least three structural elements to be installed around the rotor provided with at least one flow regulator. Each expansion slot has an opening for mounting an information-accessing device. Each buckle unit includes at least a base, and a second connecting portion for engaging to or disengaging from the first connecting portion. An embodiment of the solution proposed here extends the \u201cConnecting without cables\u201d concept of Bluetooth to firmware upgrades.

1459828337-67924649-d2cd-41f7-bc06-77818cb2cdc8

An airfoil for a gas turbine includes a pressure sidewall and a suction sidewall, a tip cap, and a tip squealer. This tool not only improves the accuracy of testing, but also nearly eliminates the need for mobility engineers to spend time and money traveling to customer sites. The handle has a latching member to couple with the receiving member.

1459828337-6d940769-0ace-4de7-b022-39b52bd5fca5

A graphical user interface displays a shape. Linear and or angular movement of the print head as it encounters label edges is detected by sensors coupled to the printer frame. The impingement cooling channels may be adapted to match heat localized loads and hot side gas pressures across the turbine blade to maximize the efficiency of the cooling system. A low pass filter is connected to the forward coupled port. The windows of the template have stored image attribute requirements associated therewith that are designed by the artist are correlated to match image attributes of at least one user selected image. The mirror may be formed by



polishing an edge of the die at a 45 degree angle and coating the polished edge with a metal layer.

1459828337-89fb129a-8cdc-44a3-ae26-81c84eef91d7

A physically stable, concentrated isotropic liquid detergent composition comprises from 10 to 70% of an anionic, nonionic, cationic, zwitterionic active detergent material or mixtures thereof, from 0. More particularly, the indicia on the keypad appear to float above or below the surface of the device. The device includes elements for measuring the output effect of the charger, elements for measuring the output voltage of the charger, elements for dividing the signals measured and elements for multiplexing voltagecurrent of the output from the elements for dividing, wherein the multiplexed voltagecurrent is used for modulating the input DC power in order to reduce the output current. A system for removal of CO<sub>2</sub> from a flue gas.

1459828338-17582cfe-7808-46b8-922e-b30a00e04948

An improved turbine engine topology, wherein the improvement comprises a repositioning, with respect to a conventional intercooled regenerative turbine engine topology, of exhaust gas output from a low pressure turbine stage to a regenerator, to an exhaust gas output from a high pressure turbine stage to the regenerator. To form a housing, the leadframe is sheathed, preferably, with a molding compound, with the thermal connecting part being embedded such that it can be thermally connected from the outside. The second dielectric layer includes a higher refractive index relative to the first dielectric layer, such that the first and the second dielectric layer create an optical waveguide.

1459828338-54683787-376c-4fdb-bf3e-045bcf0b3fd0

An apparatus for collecting blood clots, plaque, and other debris in arteries or veins, said apparatus comprising: a filter assembly having a chamber with a paddle assembly and a porous floor disposed therein; and tubes for coupling said filter assembly to an artery and to a vein. The disk chucking apparatus may include: a chuck base having a plurality of holding portions, a plurality of chuck pins which are inserted in the holding portions such that the chuck pins protrude out from the chuck base, and a plurality of elastic members which elastically support the chuck pins, where each of the elastic members elastically supports a pair of adjacent chuck pins concurrently. Plants transformed with such a construct are characterized as having a protein, fragment thereof, or peptide of interest on the surface of a floral cell. The tool can be repositioned within the horizontal leg by withdrawing the primary wireline, removing or upper string tubing sections, and then reinstalling the primary wireline. A state machine compares the values of two keys, one stored within the block, to another value stored in the state machine controller, and allows the block to be used in production if the key values coincide. The socket contact is held in a contact chamber by a latching hook.

1459828338-ba130565-ad41-4a56-bff8-14c359e30e77

A transistor and a method for fabricating the same that involves a forming a device isolation oxide film semiconductor substrate, forming an opening in the device isolation oxide to open the substrate and define an active region, the junction between the oxide and the substrate having a rounded profile, and then forming a complex gate electrode structure in the active region. The method includes determining a radio bearer state of the UE, and switching a current operating frequency of the UE to a preferred frequency corresponding to an MBMS service prioritized by upper layers when the radio bearer state of the UE is in signaling transmission state. In accordance with the present invention, it is possible to provide a high-quality microphone unit whose outer shape is small and which is capable of performing thorough noise cancellation. The first capacitance has one end that communicates with the input of the first amplifier. A system-level output response of the simulated network to a simulated input signal is analyzed, and the printed wiring board is characterized based on a comparison of the system-level

output response to a printed wiring board performance metric threshold.

1459828338-caeac1a6-3dbe-40e3-be37-cf0cddbcd8d8

A system and method for improving the interoperability of communication system components using multiple audio encoding formats within a single talkgroup is provided. Crude oil and wash water are mixed by a pressure drop across a mix valve, thereby forming a crude oilwater phase stream. The first array of pixels in the sensor receives impinging light and generates optical energy values therefrom. The cascaded filter has a new third set of filter parameters that are a function of both the first material and the second material. The pipe system is provided between the cabinet body and the refrigeration-cycle unit, and includes a cold accumulation chamber pipeline communicating the refrigeration-cycle unit with the cold accumulation chamber and a refrigerated cabinet pipeline communicating the refrigeration-cycle unit with the refrigerated cabinet. The connecting rod has a piston end, a crankshaft end, and an interconnecting shank.

1459828339-5ffbfbe1-d4fa-4e18-a924-c085e2014c4a

A system and method for identifying objects using a machine-vision based system are disclosed. In particular, a parameter selection process is provided for automatically computing the decomposition parameters WS and WB to create soft tissue and bone images, respectively. The method can further include directing a change in a displayed characteristic of the icon when the overall operational state of the aircraft engine changes from the one of the started state and the unstarted state to the other of the started state and the unstarted state.

1459828339-6a72488e-9453-484e-8a7f-5372dfe3265f

Disclosed is a method for determining database queries to be sent by an analytical server to a Relational Database Monitoring System by using hierarchical level metadata to describe the various structures within the database. The semiconductor storage apparatus controls a timing at which data is programmed to a block based on at least one of the recent programming time and the recent erase time of this block, and/or controls a timing at which an erase process is carried out with respect to a block based on the recent programming time of this block. The upper stage and the payload structure together define a central axis that is generally coincident with the thrust axis during launch. In addition methods for the preparation of halophthalic anhydride, and recovery of high purity acetic acid from an aqueous acetic acid stream comprising HCl, which is generated during the preparation of the halophthalic acid are also disclosed.

1459828339-ed08ce31-2650-4bc2-a28c-72b083f6e674

A predictive failure model is used to generate a failure prediction associated with a node. In one example embodiment, an electronic magazine may be presented to a user device as a widget without using a browser. Each floating unit comprises a floating pontoon, a stabilizer unit and connecting means for the interconnection of the floating units. The first curved sidewall portion has a length L1 as viewed in horizontal cross-section that is less than a length L2 of the second curved sidewall portion.

1459828340-2ac7cae5-f4d0-4fc8-b212-d1e9bf7f1c0b

A semiconductor integrated circuit for driving an LCD. The housing has apertures aligned with the holes in the lighting module and the perforations in the ear-like extensions of the gasket, as well as a window to expose the light emitting region of the lighting module, with a light permeable screen which sealingly closes said window. The interface receives a read command.

1459828340-d8f2d72d-6bf5-44fe-b0d4-b13dadb040d0

An electrosurgical instrument having a movement sensing device for controlling the electrosurgical output thereof, is disclosed. The shield comprises a plurality of overlapping planar glass flakes which are held in a lamellar matrix of flexible

polymeric material. The power supply voltage detection circuit has elements analogous to the elements in the constant-current circuit that determine this voltage, so start-up operation can occur and end reliably. Broadband operation may be enhanced by at least partially enclosing the sufficiently thin transducer element within an aperture and/or a cap. If the probability of the window containing a right face and a left face are both greater than threshold values, then it is determined that the window contains a full face.

1459828340-fa7d63cb-60f2-4670-abc1-d6b9e9add30a

Apparatus and systems are provided for thermal regulation of a memory integrated circuit. Methods and apparatuses are disclosed that provide thin and fully relaxed SiGe layers. Left and right support panels are pivotally attached, by means of support hinge knuckles, to seat hinge knuckles on the seat left and right ends, respectively. A current operating program for the processor is stored in a non-volatile form in the read only memory. vehicle velocity suitable, determined under steady state front steering angle and velocity conditions, to maximize the contribution of the rear wheels while avoiding side-slip of the vehicle. The geometry engine crops a field image from each frame image based on the size and position of the field bounding box.

1459828341-5f2e8cef-21b3-46f5-a0d4-79daeb0b7a89

A hydraulic system for use in a work vehicle with a powered implement is disclosed. The composition preferably comprises a base consisting of paraffin and, optionally, paraffin and petrolatum having electrically-conductive particles suspended therein, which preferably include graphite diamond, or elemental metals such as silver. In response to the indication, a software application resident on said electronic system is automatically notified of the insertion state.

1459828341-600b43fb-74a0-4d49-8d82-6b5358c62c02

A system that provides information about media content stored in a storage device coupled to an interactive media services client device. The method includes: detecting a limited automatic repeat request header in a frame with a priority tag; stripping the LARQ header and a frame check sequence in the frame with the priority tag; recalculating the FCS for the stripped frame with the priority tag; and adding the recalculated FCS to the stripped frame with the priority tag. Thus, it is possible to carry out the measurement of the concentration of annexin-V in the urine, and it is possible to carry out the diagnosis of an internal organ disorder such as a disseminated intravascular coagulation syndrome, the diagnosis of acute nephritis and the like by a analyzed value of concentration of annexin-V measured in the urine.

1459828341-6c8c3c41-ed3b-4076-8c9f-409fe51a4ea2

The present invention describes the cloning and molecular and cellular characterization of a novel protein with homology to the IL-17 receptor. The dielectric body defines an array of plated through-holes that are constructed to receive a terminal of an electrical adaptor. The terminal parts 19 of the adjacent bus bars 13 are provided with first rotation restricting parts 48 which are adapted to be contacted with both side faces of the semiconductor light emitting element 25 which is disposed between the two bus bars.

1459828341-a7238e06-0300-4367-a493-f75d2e2f1623

A Random Early Detection policer in accordance with the invention does not tail-drop arriving packets as being non-conforming. The arm is activated by rotational movement of the lid relative to the bowl, as an extension member attached to the lid, which is activated by insertion of the plunger, extends downwardly from the lid and engages the ramp surface of the pivoting arm when the lid is rotated. The microprocessor is adapted to determine the monetary value of coins in each of the plurality of stacks of coins. The ticketing services bureau then generates an output data file based on the original ticket order, the edited on-screen ticket

proof and print characteristics of the printer that will execute the ticket order. With this device there is at least one fuse panel that is in electrical communication with a main distributor. A substantially rectangular implosion-proof band made of metal is banded on the outer surface of the skirt portion.

1459828341-c7cd4e0e-6d5d-4b8c-810c-74abf69ae60d

A system is provided for mobile device file management. The F-number determining member can be positioned between a vertex of an object-side lens surface of a lens that is nearest to an object side in the third lens unit and an intersecting point of the object-side lens surface and a peripheral portion of the lens in a direction of an optical axis. Such a paper conveyance control apparatus, being electrically connected to the video controller, has a memory to be shared with the video controller. The incorporation of the zirconium containing aggregate improves the fire resistant performance of the laminates.

1459828342-0c4f24ea-65b1-4459-8987-cb828c8898f2

A portable RAM drive comprising data stored on a non-volatile memory and transferable to a volatile memory when the portable RAM drive is coupled to a computer system. In a most general embodiment, the inventive circuit is adapted for use with a component having a parasitic resistance  $R_3$  and a first resistance  $R_1$  disposed in series with the component and an arrangement for making the resistance a negative resistance. The vehicle has a seat occupancy sensor and a door switch. The apparatus also includes a releasing member for releasing the connections between the push rods and the harness upon actuation of the releasing member by a user. The invention provides for longer catalyst cycle life when processing aromatics under commercial transalkylation conditions. The accounting system includes a computer-assisted process that nets subscription and redemption orders that occurred over a particular time and records a transfer of securities into or out of the fund based on the net of the subscription and redemption orders.

1459828342-6d9a4275-a7bd-4c48-b51e-5d41d0845c8e

An alphanumeric information entry process that includes provision and use of a personal context model that correlates various examples of user context against a unique personal language model for the user. The connecting member is operable to connect to a syringe barrel and a needle. Sub-projection matrixes are arranged widthwise and lengthwise to generate one sub-measurement matrix. Thereafter, messages such as email messages that contain the schedule are generated and sent to corresponding device owners using the IT migration tool. The second polarity terminals of the first and second secondary batteries are connected to each other by a first conductive body. The first and second bottom VCM plate hold-down clamps are configured to prevent damage to the pivot bearing assembly during installation of the top VCM plate over the bottom VCM plate by clamping down on the bottom VCM plate with a force that is at least sufficient to prevent the bottom VCM plate from moving when the top VCM plate is installed over the bottom VCM plate.

1459828342-76fdee17-88ce-4bf7-b218-8fb8e235a0a6

In at least one implementation, a vehicle wiper control system includes an actuator and a controller. The superconducting magnet is connected in parallel with a series combination of a superconducting fault current limiter and a resistor, and with a DC power source. A tally of preferred contestants among all voters is assembled as is a tally among contestants from the subpool, and contestants may be ranked. The lip and the channel have side portions that engage at multiple contact points to form an environmental seal that prevents contaminants, such as wind-driven dust, sand and moisture, from entering the interior cavity when the outer cover is in the closed position, thereby protecting communications equipment within the NID without the use of an elastomeric gel, seal or gasket.

1459828342-81c35ed4-02dc-47a3-abc0-563bc58b174a

The present invention is directed to methods and apparatus for sealing a puncture

or incision formed percutaneously in tissue separating two internal portions of the body of a living being with an anchor, a sealing plug and a filament connecting the anchor and sealing plug. For each predictor, the item is assigned to one of the groups. The lamps have an acoustic resonant frequency range and the output frequency range of the control is arranged to be above the acoustic resonant frequency range. An inventive structure resulting from the method is also described.

1459828343-0da53b33-04aa-4642-9dcf-7f4eaf63b6bf

Polishing slurry for texturing the surface of a magnetic hard disk substrate has abrading particles with diameters in the range of 1-10 nm dispersed in a dispersant such as water and a water-based aqueous solution. The initiator is preferably 4-phenyl)-propionic acid N-hydroxysuccinimide ester or 2-bromo, 2-methyl-propionic acid N-hydroxysuccinimide ester. The outer shield shell includes a second shell body in a tubular shape, and a fixing portion which fixes the inner shield shell. More specifically, the lower operating speeds may lead to less fuel consumption. Also disclosed is method of using the mechanism which comprises the steps of positioning the rail within the channel and adjusting the clamp to compressibly engage the interior surface of the channel against the exterior surface of the rail until the rail is secured against the interior surface to prevent movement of the rail within the channel.

1459828343-23c9b734-bf95-447b-b692-b419e851eec4

A chitosan composition which forms a hydrogel at near physiological pH and 37°C. The device further comprises a reach-through structure connecting the first and second sub-collectors and an N-well formed in a portion of the second epitaxial layer and in contact with the second sub-collector and the reach-through structure. 1, and in each duration of the pulses, a clock signal for 64 tone levels is given. After pressing, the component is sintered to form the porous filter. This serves to prevent passengers and crew members from disabling the system. These reflectors may be configured to reflect the corresponding principal rays along a second set of chords.

1459828343-298c9e5b-063a-441f-8ca6-364d8b8aa445

The semiconductor device according to one of the embodiments of the present invention includes a metal block having first and second main surfaces and defining a recess on the first main surface. The clamping arrangement comprises a bolt in-molded in a generally central part of the inner door and or external nut. The pool cleaner additionally incorporates modular components including a simplified mast unit and related water distribution manifold for delivery of water under pressure to a water turbine drive unit for rotatably driving cleaner wheels to travel over submerged pool surfaces, with a portion of the pressurized water inducing a vacuum action for collecting debris within a porous filter bag. Each layer of the graphic file contains a control object to an element of the user interface. An arrangement of the photo-conversion elements is independent of the X-ray paths.

1459828343-64ae4682-bc56-43c3-acec-bcccd6284f81

A safety can for storing flammable liquid is disclosed. The method provided by the present invention is capable of improving performance of semiconductor devices and alleviating manufacturing difficulty at the mean time. A corrective filter is then applied to enhance the primary reflection signal content of the data and to eliminate unwanted noise events. A signal generator generates a series of positive electrical pulses to be applied to the living body through the applicators.

1459828344-3361d946-86de-432d-93bb-b3aed58a338e

Golf ball pick up devices are disclosed which are simple in design and construction while permitting exceptional performance during usage. The selector selects each member constituting a learning data set from a data set source. A given object may be stored once, even if it has a recurrent time property. Thus, this connection

system preserves the advantages of a standard laser-fiber connection system while increasing the safety of such systems, where it is necessary. The system further includes a data processor that is operable to price and match a contract from the contract data and the registering data.

1459828344-428f7639-e425-4ed1-8347-f9d9b93f6e5b

Described herein are compositions and methods for prognosis and treatment of prostate cancer patients. The rhenium nanoparticle mixture can be painted onto a surface to be coated and dried at low temperatures to form a gas-tight elemental rhenium coating. The control unit adjusts a quantity of the reagent to be metered into the exhaust stream.

1459828344-78dc1787-21c8-4321-b1e0-4dc745554377

A splint includes a first substantially flexible member having an inner surface and an outer surface. In an illustrative embodiment, a call processing system coupled to a telecommunications network receives a call from a caller intended for a first party, wherein the call is associated with call signaling information. The combined administration of a superantigen and a chemotherapeutic agent provides enhanced therapeutic effects in a treated animal. The acoustic transmitter and receiver are moved at the same rate at which the drill axially progress through the workpiece, so that they are aligned with the bottom of the bore. An inversely diffused signal using a correct orthogonal code is selected and demodulated to obtain a first receiving data row.

1459828345-df3d2aa1-f545-4018-9e63-baccf5de4724

An interactive greeting card having a multi-panel greeting card body, a sound module and a molded track contained between two or more panels of the multi-panel greeting card body, and a moveable object which is attached to the molded track through an opening in one or more of the greeting card panels. A first core has a first instruction set. Particles of the abrasive are thereby efficiently recovered from a waste fluid discharged from a CMP process in semiconductor manufacturing factories and are reused. , and a turnover temperature of the frequency-temperature characteristic curve in the second detection mode is  $T_c$  C.

1459828346-134c8bbb-1f23-422a-9b05-5343ac39eda4

A method for removing polymer as an etching residue is described. A water activatable adhesive that, when activated, can adhere to a wearer's skin is also deposited on at least part of the absorbent article is also described. The light reflected by the second mirror is reflected by a third mirror in a direction opposite to a direction in which the light is reflected by the quick return mirror, and is further reflected by a fourth mirror toward an eyepiece located on a back side of the body unit.

1459828346-1e91a95a-6cfa-4582-94d4-2c061d1ac8ad

A method of operating a drive train for a hybrid electric vehicle, and a drive train, is disclosed. Since foveal fields of view are very narrow of the order of one degree and little information is transmitted to the computer outside this range there is almost no cross-talk between foveae. A base station may monitor the location of a mobile device in proximity of the user. The content can be transferred to the recipient if the recipient memory device has the specified properties.

1459828346-2667448c-a5fb-465d-8210-1f724d5c8845

An approach is provided for bit labeling of a signal constellation. Some embodiments provide methods for use in encoding content. The system includes a billing accumulator and a settlement entity. The socket is adapted to receive the plurality of pins. As such, the expanded color space may compensate for one or more color shifts in the image data caused by the ambient light. The aggregate flow block further includes statistics for the selected network tunnel.

1459828347-32df8520-5106-4092-8743-671f079db68a

Techniques for selecting rates for data transmission on eigenmodes of a MIMO channel are described. The via may have a depth of at least about 50 \u03bcm from a top surface of the nitride layer and an opening of less than about 10 \u03bcm at the top surface of the nitride layer. User criteria can be provided to limit the selection of candidate volumes for mirroring.

1459828348-0d126658-7aeb-4417-96df-c53c4b29e3ba

A workflow server system is provided which uses an XML namespace designed to execute various workflow server services. The solar power supply arrangement includes a solar collecting device supported by the main supporting stem, wherein the solar collecting device has a collecting surface arranged to expose to sunlight for extensively collecting solar energy. The phase-locked loop circuit adjusts rapidly the frequency and the phase of the output signal of the voltage controlled oscillator to correspond to that of the reference clock signal. The bag encloses the space saver pillow and an amount of air. The operator interface is located at the rear of the unit and faces in an opposing direction from a main player display so as to be viewable by an operator located at a rear of the unit.

1459828348-2ac91f7c-0a50-4ea6-b4af-be79b35a662a

A method of selecting and presenting content based on inferred user preferences is provided. In various embodiments, an implant for interfacing with a bone structure includes a web structure, including a space truss, configured to interface with human bone tissue. The method includes determining a first error estimate based on decoded symbols corresponding to the coded symbols, determining a second error estimate based on the uncoded symbols, adaptively selecting the first error estimate or the second error estimate based on a convergence criterion, and determining a step size based on the selected error estimate. Such a turbomachine: a radial turbine with an optional centrifugal compressor can be produced using two-microelectronic dimensional machining techniques of the microelectronic type. The transverse surface has at least one port comprising an annular flow passage, an intermediate flow passage and an outer flow passage extending outward from and in fluid communication with the inner surface of the internal valving chamber.

1459828348-98f4bd56-3b9a-44fe-9682-e69d64e22d48

A system receives a mask pattern and a first image of at least a portion of a photo-mask corresponding to the mask pattern. An interface area between the casing of the projectile and the fuze housing lower part is formed with a shape and/or strength modification which prevents the fuze housing lower part from being pushed into the casing on impact with a target that is to be penetrated. A primary side of the transformer 7 has a first capacitor 11, a circuit portion 13 including a rectifying element, and a switching element 14. To facilitate kernel-mode shimming and shim reuse, context information needs to be retrieved and maintained so that shims can identify particular driver calls and preserve driver specific linkage information.

1459828349-71aa6942-ef26-4bf1-8d37-4237862da468

Disclosed are a lighting method for a high-pressure discharge lamp, a lighting apparatus for a high-pressure discharge lamp, and a high-pressure discharge lamp apparatus each suppresses abnormal blackening of a discharge tube that may occur at an initial stage of operation from a discharge start. The firing circuit can generate, write and store one-time random session variables to the digital code plug. In one embodiment, at least one pacing electrode is constructed as, or incorporated onto, a stent at a distal end portion of a stent catheter. The decision engine accesses the content directory to determine the rules and attributes that govern the decision made by the decision engine.

1459828349-72ce83e7-36a0-4024-95da-4228581e3556

A thermosetting plastic composition comprising thermosetting plastic resin with comminuted recycled glass powder as a filler. The table member can be selectively positionable into a desired table plane and can comprise at least one ECG pad and/or at least one grid of electronic heating elements disposed onto a top surface of the table pad. A packaged resource adapter includes Java classes and interfaces that are required for the implementation of both connector contracts and functionality of the resource adapter; utility Java classes for the resource adapter; native libraries required by the resource adapter; and any help files and documentation and descriptive meta information that ties all of the above elements together. Formation of such a composition greatly enhances stability.

1459828349-a2b51961-9403-4600-a922-e1ef1c3c1567

A method for transmitting uplink data according to a dynamic resource request is disclosed. The cushion includes a rectangular bottom plate, two short side plates, a partition plate, a concave structure and a box structure. Subsequently, a third semiconductor layer is formed over the second semiconductor layer, and semiconductor-containing seeds are formed over the third semiconductor layer. A sealing elastic layer 452 of the gasket 45 is in close contact with the end surfaces 362 and 414, and a sealing elastic layer 453 is in close contact with the coupling surface 193. In the manufacturing method, a resolution of an optical system used to apply the energy beam is preferably 4  $\mu$ m or less.

1459828350-77ef042e-4271-4966-b249-876943e237b3

A mobile device operable with keys 14 having characters 16 engraved onto the surface of the keys. The push-button comprises a fastening sleeve portion having a press portion at a first end thereof and a fastening member at a second end thereof for connecting the push-button to a fastening hole in a fastening plate. A movement calculation block calculates a forward moving speed of the moving body and angular velocities thereof in both a pitch direction and a pan direction.

1459828350-91424825-4546-4ec0-8eda-4cf9a2f7ee3a

The present invention relates to imidazole derivatives of formula I wherein R1, R2, R3 and R4 are described hereinabove. The corrugated cardboard plate includes a plurality of corrugated cardboards laminated together and each formed by bonding liner sheets to surfaces of a corrugated sheet. A lock assembly is connected to the housing and is engageable with the tray when the tray is in the closed position. The method includes filtering, by the host gaming server, the messages for each of the account logins to create filtered messages.

1459828350-95d8b509-f285-4f25-9aa1-b04ac11edce0

The system includes a transmitter for generating a signal and a cyclic prefix, wherein the transmitter suppresses a plurality of sub-symbols of the signal to produce a partial response signal. Each of the non-oiled metal rollers includes a coating that is oleophobic that has low adhesion toward the solid ink image but sufficient lateral friction as to not slide against the ink or paper web. Essentially, the acoustical signal will be decomposed into the Intrinsic Mode Function Components. The at least two recesses selectively receive and retain one or more panel elements. The combined degassing and flotation tank is particularly suited for use in oil production at sea for removal of oil and gases from water streams before the water is returned to the sea.

1459828351-9cbb0523-053f-4496-bce7-71e9f5d5c3a2

An optical lens for adjusting viewing angle of and diffusing light emitted from a light emitting diode includes a light incident surface and a light emitting surface. The cloth body includes a cloth fiber layer, a heat insulation layer, and an electrothermal fiber layer. A control bail can have a pin extending therefrom that extends into the housing. The outer perimeter panels are each attached on one edge thereof to the center panel and interlock with each other during assembly to prevent accidental opening of the apparatus. The file plate comprises a base sheet,



a cushion sheet attached to one surface of the base sheet, and a file sheet attached to the cushion sheet, the file sheet practically functioning as a nail file. Network-based systems are also disclosed.

1459828351-b997bb14-dc43-43f6-a158-3db1407a4645

A wireless data processing device 2 stores partially completed versions of a file needed to replace a current version of a file used by that target device 2. The scroll key has two portions which lie on a line oblique to the horizontal. The introduction into the bore hole is carried out with a cyclically fluctuating pressure.

1459828351-c2ea4d91-b977-4dde-aaac-15e2ad8c3247

When a lower layer address pair of a transferred lower layer frame is counted a predetermined number of times or more, a packet transfer apparatus sends the lower layer address pair to a frame transfer apparatus. The first and second magnets cross a traveling direction of the ribbon-shaped ion beam. The cutting system includes a cutting blade, typically a rotary cutter, and a sacrificial plate or round bar contacting the cutting blade. The inner capsule contains a neutron source. The invention also relates to processes for preparing crystalline barium salt of -omeprazole and pharmaceutical compositions that include the crystalline barium salt of -omeprazole so prepared. The metal-stacked layer is removed to expose a lower surface opposite to an upper surface of the insulating material layer and a bottom surface of the patterned conductor layer.

1459828352-2349f196-2cd2-4864-8caa-24034cff24c2

A method for encoding computer-generated holograms in pixelated light modulators, the encoding area of which comprises a pixel matrix whose pixels are provided with a pixel form and a pixel transparency, wherein the encoding area contains a hologram made up of sub-holograms, to each of which is assigned an object point of the object to be reconstructed by the hologram. Each person has a skill set that is suitable for responding to a certain type of e-mails. The transport mechanism includes a motor which can be driven in one direction when picking an endmost sheet of print media from a stack of print media and driven in another direction when transporting the picked print media during printing. The first lenticular lens is disposed in front of the light source and respectively directs the light from the light source to travel in a plurality of directions. Particularly, an implantation process is performed twice to form two channel stop ion implantation regions in the course of forming the device isolation layer so that a cross-talk phenomenon between neighboring unit pixels is reduced and a leakage current is improved. A first switch is connected to the controller, and the first switch is for entering a setup mode and for selecting at least one of a plurality of setting configurations.

1459828352-34f34354-1744-4c42-9185-4d2238e4e1c9

A lightweight feed chain for a high speed nutcracking apparatus and which is composed of a plurality of individual nut transport elements mounted in succession. This can be achieved by allowing a first subscriber to use the credit or subscription of a second subscriber. The liposomes, being similar in composition to microbial membranes or cells, are readily incorporated into the existing biofilm. The image obtainer and the distance detector are arranged such that the reference axes are coaxially aligned. The best mode pump or pumps used is one or more vacuum pumps.

1459828352-74851710-dcc4-47be-9f90-7c7661151f9d

Generating error data associated with decoding data is disclosed, including: processing an input sequence of samples associated with data stored on media using a detector and a decoder during a global iteration; and generating one or more error values based at least in part on one or more decision bits output by the detector or the decoder and the input sequence of samples. An email message is sent from a sender to a recipient. The latch assembly comprises a base plate, a jaw

fixed at a first elevation, and a vertically displaceable jaw.

1459828353-42c54d6c-ccc6-4c7f-97c3-160a7669ac4c

A process for the preparation of an oligonucleotide is provided. A particular method is described of clamping a wafer, during the process that creates asymmetric stress in the wafer, to an electrostatic chuck having a concave portion in its clamping surface characterized in that the wafer is initially clamped around its periphery in a generally flat orientation and then is bowed into the concavity as the asymmetric stress is created in the wafer. A guide portion is provided by forming a down-grade slope inclined from a leading end of a shoulder opening side of the flange between the flange and the side wall.

1459828353-50baa30f-1a19-4423-978c-caf4d9f94ac3

A method and system for generating interrupts in an embedded disk controller is provided. A pair of opening and closing lever portions is disposed to face each other along the direction of a fore-to-aft or lateral axis, with intermediate portions which are pivotal about a fulcrum support shaft portion parallel to a left-right or longitudinal axis. The diagnostic device preferably can be locally attached to the fluidic device. The cover includes a third display connected to the CPU.

1459828353-a2e227b4-7189-44b8-b3df-b2825e038f6a

Disclosed is an interface device to couple a musical instrument to a computing device to allow a user to play a musical instrument in conjunction with a multimedia presentation. In an anode 3, a dielectric material 4 is applied on the surface of a discharging portion 3a in order to inhibit the deterioration of the electrode. With the present invention, a personal ad published in a newspaper includes graphical icons which denote if an ad has additional text or multimedia files available on the Internet. The body is substantially similar to a type-n connector and provides for easy coupling of multiple coaxial cables within a single connector housing. The method can also include contacting the refining mixture with a second metal oxide catalyst at a temperature of greater than 100 degrees Celsius to form a refined fatty acid alkyl ester composition. Localization of a defect can be confirmed using an x-ray emission detector.

1459828353-fa02044a-60be-468b-b0d5-1056b9db4d0b

The present invention provides a method of sterilization with an electrolytic water, including: electrolyzing a raw water with an electrolytic unit including: a cathode; and an anode at least having a part containing a conductive diamond to prepare an electrolytic water; and ejecting the electrolytic water to a substance to be sterilized, and an electrolytic water ejecting apparatus. The method may further comprise the mobile TV receiver decoding the series of video frames. The user's inputs defining the printing and finishing parameters are stored in a file such as, for example, an XML file. The feedback paths work in concert to turn the switches on and off together to prevent excessive voltage from developing across one or a subset of the switching elements. With the high static drilling fluid pressure released and with the high compression forces required to operate the drill bit the flexiblerigid drilling assembly transition into its rigid configuration and provide stability for a drill bit in drilling a straight horizontal drain hole. The lower device portion includes a projection display device disposed on a surface thereof for projecting an image onto the concave reflecting mirror when the lid is opened.

1459828354-4b8c8cca-682b-4a9f-bf3d-019d92efbeb8

Optical apparatus including a cladding-pumped optical fiber that includes a core that includes an active material, a multimode inner cladding disposed about the core, and a second cladding disposed about the multimode inner cladding. When a key is initially pressed, a controller searches, in a storage unit, for characters corresponding to the keys pressed, and sequentially displays the characters in a

current cursor position according to a predetermined time that the key is pressed. A plurality of magnetic poles and a plurality of phases in each pair of poles are formed when currents flow through the windings. A device isolating film formed between the first stack region and the second stack region for isolating the first stack region from the second stack region. The seal is spaced away from the circumferential weld that joins the end plug to the cylinder to reduce the hoop stress in the tube adjacent the weld, thereby reducing the tensile stress at the weld joint. The cleaning solution also includes an amino acid complexing agent and an inhibitor.

1459828354-52f3c4a6-d61c-4483-b670-93477509518b

A method and an apparatus accurately discriminates between speech and voice-band data in a communication network by calculating self similarity ratio values, which indicate periodicity characteristics of an input signal segment, and/or autocorrelation coefficients, which indicate spectral characteristics of an input signal segment, to generate a speechVBD discrimination result. In one embodiment, upon accessing the memory system for a piece of data used by a first process, a latency manager determines the access time to acquire the piece of data in the memory system. In this case, preferably, the gate insulating film of the transfer MOS transistor has a thickness which is not greater than that of the gate insulating film of the capacitor MOS transistor. In response to the filtering, if the at least one received datum represents a valid command, the method includes converting the at least one received datum to identify the at least one instruction.

1459828354-d967d3ff-538b-4241-a5e4-bf72d81240a8

A vehicle locating system includes a first transmitter within the vehicle, the first transmitter is configured to transmit a location signal; and a key fob including: a receiver, a direction indicator, and wherein the direction indicator is configured to point towards the first transmitter in response to receipt of the location signal by the receiver. In a first aspect of the invention, a program operation method provides varying program biases which are applied to different groups of memory cells. Modulation event tokens are managed, and protocol processing of the data with the peer is based in part on a result of the modulation event tokens managing such that protocol processed data is caused to be transmitted to the peer via the network nominally with desired data transmission rate characteristics. The multicarrier signal is built on a non-orthogonal time-frequency lattice with a density two. The thickness of the porous metal structure may also be modified to establish a thickness profile that optimizes mechanical and biological requirements of the implants performance. The insulating layer is removed at an edge of the memory area.

1459828355-0eff17a1-2359-4475-8170-8e5b31cf45cd

This invention discloses the use in the production of a polyolefin of a slurry loop reactor wherein all internal parts in contact with the slurry are polished first by a mechanical process to a level of at most 70 RMS roughness value and are subsequently polished by a chemical or electrochemical process, to a final level of at most 40 RMS roughness value. A reflow furnace is moved along a transport direction of a tape substrate and is fixed at a position matching the product pitch of a circuit substrate. At least one aftwardly facing load face is at the aft end of the nozzle segment at the outer band segment. , biologically active multi-chain polypeptides such as immunoglobulin Fab fragments.

1459828355-24efdadf-e96b-4aa6-86d6-144eacedf841

A low-priced contact type color image sensor formed without the need to provide color filters on a linear image sensor. In this way, optical proximity communication between the devices is possible. The electrodes are arranged to measure electric field in a direction along the direction of the cable. The controller performs image processing on the images and the real feature point, and

compares the real feature point with position data of predetermined feature points, and generates a bird's-eye view image.

1459828355-6ef257fb-efed-4de2-91c9-ac5cbef73341

A computer system includes a controller coupled to a plurality of memory modules each of which includes a memory hub and a plurality of memory devices divided into a plurality of ranks. The power generator includes a plurality of receiving elements having different directionalities with regard to the at least one of the time-varying electric field and the time-varying magnetic field. The laser level also includes an electronic distance measurement circuit disposed within the housing for measuring distance. After a moving image processing is completed, the still image is processed by an image correcting circuit. A control unit stores data about the absorption current signal derived from the small regions Q in locations of a memory which are addressed corresponding to the positions of the small regions. Further, the method comprises comparing the average to an efficiency threshold and generating a notification based on the comparison.

1459828355-c8a675b1-acdd-488f-aacd-a756d9f0695a

The invention relates to a forehead rest for respiratory masks. The route providing method generally enables a user to pre-select one or more destinations and trigger events, so that navigational routes leading to the pre-selected destinations can be subsequently generated and presented to the user when the designated trigger events occur. The frame also includes a first fractional segment that has a start time that is the same as the frame start time and an end time that is before the frame end time. The piston pump has a plurality of pistons disposed in the plurality of cylinders.

1459828356-097a7a33-8af4-4fca-9744-fbb9e33b5ee6

A server distributes a user edition application in response to a layout operation request sent from a client system. Embedded resonant cavities form an integral part of the referencing system. The jitter in packets received from a packet network is calculated based upon the arrival time of a packet, the length of the packet and the arrival time of a subsequent packet. Minimizing relative entropy may be a basis upon which to define a mapping of predefined probabilities to the new set of probabilities.

1459828356-1a56b7e7-6e91-445f-a98b-e741337cec9e

Compositions comprising hydrogenated block copolymers can be successfully used in a variety of applications including films, profiles, sheets, pultruded articles, fibers, coated articles, injection molded articles and blow or rotational molded articles. The reflective surface is capable of providing a non-reversed, substantially undistorted direct reflection. The complementary pair of transistors can be applied to either voltage driving or current driving pixel driver circuits. The second value indicates that the wide operand is not stored in the wide register.

1459828356-1e6ddf20-7327-4b7c-8d7e-7dee211e34cc

A variable ratio brake pedal assembly includes a support bracket having a mounting face and two spaced apart side arms extending from opposing edges of the mounting face. The single dual-piston fulfills the role of two conventional pistons in its linear back and forth motion along the combustion chamber by using both its front and back surfaces as an element of a combustion chamber within the cylinder. A rear differential is engaged with rear axles and the transmission through a rear differential gear set.

1459828356-a594238e-583e-40ea-a77c-366b582c2b6d

The fiber-optic sensor head for a current or magnetic field sensor comprises an optical fiber which contains a magnetooptically active sensor fiber and at least one polarization-maintaining supply fiber, which are optically connected, with the

sensor fiber having its fiber protective sheath removed. An optical amplifier amplifies the received input signal and delivers the amplified signal to an optical splitter adapted to split the amplified signal into two identical optical signals. A plurality of claws capable of engaging with the peripheral edge of the lower side of a small size disk are provided on the outer periphery of the small diameter support region. Direct current from the back-up power source is supplied to the inverter through a DCDC converter when power from the utility grid is unavailable to the load. An actual difference value between the second value and the first value is determined. A second reinforcement member may be adhered to the pouch casing and used with or without the first reinforcement member.

1459828356-b3ce5839-2146-430f-a660-7e8b5c146532

An electrical connector housing includes a first shell carrying connector mounts, fuse mounts and relay mounts. A subscriber may upload a digital image of himself and have it compared to digital images of other member subscribers using software to interpret points of comparison on each digital image. The computer system identifies a service description attribute that annotates an object of the annotated object oriented representation. The spring fixes the pressure plate on the transistor, so that a uniform pressure is applied to the transistor via the pressure plate, and, at the side facing away from the pressure plate, the latter accordingly provides a good thermal conduction to a cooling element. A rope enters and is reeved on the turntable and wheel, to constitute a tightening device permitting a one-way gliding of the rope.

1459828357-092baf49-a8e7-416a-a328-c7f1b80d4cee

An apparatus for operation with a nuclear camera of a nuclear medicine gantry and a patient handling system is provided and includes a cart assembly; and a collimator drawer assembly supported on the cart assembly. The inner shield includes a general C shaped substantially unvarying and uniform front end, and two legs extending rearward from the front end. The cracking resistance additive corresponds to a compound that is a liquid at both the low temperature performance grade for the asphalt and at mixing and/or storage temperature for the asphalt. Pivoting of the first race with respect to the second race can occur by the balls shifting their circumferential tracking path within the groove of the first race. The stretched film exhibits not only excellent transparency and gas-barring property but also excellent flexibility and shock resistance. The receiver comprises a control adapted to process a group of currently received signal samples to determine a corresponding current set of unquantized wanted data symbols and an interfering waveform representative of a sum of other unwanted data symbols by subtracting an amount of a previously decoded set of quantized wanted symbols and a previously determined interfering waveform.

1459828357-14e7f0e9-20d4-44fb-a063-eed3c5b8cdbe

A system and method for performing discovery of digital information in a subject area is provided. The method improves MIM capacitor performance by preventing plasma-induced damage to a dielectric layer during deposition of a top electrode on the dielectric layer, as well as by reducing or preventing the formation of an interfacial layer between the dielectric layer and the electrode or electrodes, in fabrication of the MIM capacitor. The lateral bipolar transistor operates as a charge injector. Additional accessory items such as knife blades or other tools may be foldably secured to the handle. The PSD may be in the form of an Applications Specific Integrated Circuit or Personal Computer Memory Card International Association Card. Also taught is a method for using the cover.

1459828357-88bf78b5-0108-47d0-b40e-34b13f5f4a6c

In a light emitting indicator drive circuit which supplies a current to display elements different in display areas, a constant-current is supplied from a P-channel MOS-FET to a display element and a pulse width control circuit controls a on/off ratio. In at least one of such apparatuses, the select transistor can include

a body region including a monocrystalline semiconductor material. A controller controls the output of the heating member and the second fusing unit based on the temperature of the recording medium.

1459828357-966530a6-63f1-4065-9307-e137d86bdb25

A multiply accumulator performs a multiplication-and-addition operation for a first multiplier with N bits, a second multiplier with N bits, and an addend with M bits, wherein M is larger than 2N. An ad channel includes ads and ratings that indicate a likelihood of interest of a user for an ad. One or more predictable instructions in the original files may be identified. A second transmitting section transmits inquiry information to the external terminal apparatus through the communication unit, the inquiry information inquiring whether or not to proceed with a second evaluation of the music piece. The thermal manager monitors a temperature of the central processing unit and dynamically controls a throttling of the central processing unit and the at least one fan according to a thermal management algorithm.

1459828358-04289b64-8fcd-447a-86bd-732bf8991dfb

A method and apparatus comprising a platform, a battery system, a power generation system, a number of charging stations, and a controller. The detection is based on the carrier perturbation method detected by a set of double gate comparator circuits that further generates an integrated signal driven to a digital analog converter. A magnet system accepts the examination region of the patient and generates a 3D gradient field for remotely-controls movement and orientation of the endo-robot in the patient's body by interaction with the linear magnet. At least one of the blank tapes is selected for copying the log data and the user data from the primary cache to the secondary cache based on priorities. In a further improvement, the male dovetail may be part of an intermediate member, which allows relative rotation of the equipment-specific member through a limited range.

1459828358-2dd6ab92-3516-4fa4-85ac-6cd5758bd7f3

Compounds described herein are suitable for use in three-dimensional optical recording materials, etc. The transparent elastomeric compositions can be covulcanized with rubbers such as polybutadiene, polyisoprene, styrene-butadiene rubber, styrene-isoprene-butadiene rubber, isoprene-butadiene rubber, ethylene-propylene diene rubber or natural rubber. The seating assembly further includes a single, continuous seat back attached to each of the seat support members and spanning the entire pew seating area, such that the plurality of seat members are associated with the single, continuous seat back. A unique battery charging device is employed to maintain the two banks batteries in constant substantially full charge.

1459828358-bdc8c6f9-6b01-4e4d-8052-c503e1ba6e21

A multifunctional shutting device for a lubrication filter includes a safety device with triple valve shutting. In one embodiment, the piece of material is a bowed shaped glass sheet that is supported by a conformable nosing device which has been configured to have a bowed shape that substantially matches the bowed shape of the glass sheet. The method includes creating link information for a first logical field from the plurality of logical fields. The PCB is fixed to the backplate by means of at least one magnetic element, and comprises at least one magnetic hole and the at least one magnetic element fixedly disposed in the at least one magnetic hole. External equipment is provided for using the signal outputted as an input signal and for executing a functional operation according to a type of the input signal.

1459828358-c999971b-68e9-4123-bbb1-e03c62363531

A microprocessor is for detecting an interrupt request during execution of a program, saving contextual data elements of the program being executed, sending an interrupt acknowledge signal, and jumping to an interrupt subroutine if the

interrupt request is still present after saving the contextual data. For example, two buffers can be used. Spontaneous coupling of the carbohydrate and the protein components under very mild conditions provided glycoconjugates containing up to 37 carbohydrate hapten units per carrier protein molecule. Although the rear end of the substrate is exposed outside of the transceiver, the shield gasket and the ground pattern on the substrate shield the contact portion between the substrate and the upper housing, and between the substrate and the cover. When one of two differential side gears is prevented from turning, the differential pinions turn independently of each other to permit a difference in speeds of the differential side gears, thereby enabling the power input sprocket gear to engage in normal power transmission. In one embodiment, the present invention describes a method for measuring blood glucose in a subject.

1459828359-2590b267-1bd7-4587-829a-c199c047ea0d

A first piezoelectric layer is laminated on a first common electrode and comprised of a first piezoelectric material having a first residual stress. The plurality of base stations may include interior base stations providing communications service for radioterminals in an interior portion of the terrestrial network coverage area and peripheral base stations providing communications service for radioterminals at a peripheral portion of the terrestrial network coverage area. Generally a one piece Z shaped metal bracket with a substantially vertical web between opposed top and bottom flanges in a parallel plane. The catalytic reactor receives the water and the carbon dioxide from the membrane separator, contains a reaction of the water and the carbon dioxide that produces hydrocarbon fuel and is facilitated by the nano catalyst, and uses the thermal energy from the heat exchanger to stimulate the reaction.

1459828359-40e7488d-ce0c-49e6-b381-dd56b1264c27

A method of masking cooling holes of a turbine component, in particular a turbine blade or vane, for a coating process is provided. It involves an augmented transcript that includes timing metadata that associates words and phrases within the transcript with corresponding temporal locations within the time-based media where the text is spoken, and editing the augmented transcript without the need for playback of the time-based media. In accordance with the color and the density of the image pattern, an accumulation time of the optical sensor is set.

1459828359-b69d3bd3-cf6f-43dd-a382-789cb34fdf8c

A container with a lid comprises a container body, a lid supported for turning on the container body and a rubber plate provided between the container body and the lid. The filter is constructed by determining the peak resonance in the structure frequency response above a preselected magnitude and computing a digital notch filter to attenuate that peak resonance. The controller includes computer program code adapted to receive a first result generated by inspecting a production substrate with a stand-alone inspection tool, and to receive a second result generated by inspecting the production substrate with the integrated inspection tool. In addition, the methods, apparatuses, and systems can reduce non-specific interaction with a surface of the microfluidic channel by providing a protective flow between the surface and a delivery flow. The driving circuit includes a selector configured for generating a selected test data signal, the selected test data signal being selected from the first test data signal when the driving circuit is operating in the external test mode. This polymer layer is provided with an adhesion prelayer of organic or organoinorganic nature.

1459828359-cf45305a-9bae-49aa-a31e-caeeb481c6b8

A method includes forming a dielectric layer over a substrate, forming an interconnect structure over the dielectric layer, and bonding a die to the interconnect structure. The peptides preferably are conjugated to or administered with a compound which facilitates delivery across the blood-brain barrier. of the light-emitting particle is identified.

1459828360-22e2be71-0597-4036-add1-8665c1fbd6ec

A laparoscopic surgical technique is provided for preparing a site for implantation of a fusion device or implant. Multiple printhead units are provided for generating image information bearing laser beams. The steady-state spatial performance for different sheet property modes is first predicted, thereafter, the dynamic performance is predicted on the basis of the steady-state actuator profiles.

1459828360-292dbc7c-f545-4b05-a473-bcc637eb2f7c

Stannous oxide particles having a methane sulfonic acid dissolution rate of 3. The system and method comprise receiving data pertaining to touchpoints and conversions of an advertising campaign across multiple channels. Each holder is provided with positioning grooves to decide the position of the recording sheet roll in the axial direction.

1459828360-a377095c-b471-4288-93e9-db9b5f95321f

The handgrip is inclined to one side of the bow's lengthwise axis to the right for a right-handed archer and to the left for a left-handed archer. An aircraft anti-icing system including such a device and the use thereof. Therefore, an interval between the two elastic pieces, of the elastic holder is increased when the square bar rotates, so that a firm and steady touch of a click can be provided. The cap includes a cap annular body and a cap closed end.

1459828360-d029eea3-077b-479f-89f0-25ff113475fb

Disclosed is an ultra-low temperature, dual-compressor, recirculating gas chilling system that includes a closed-loop mixed-refrigerant primary refrigeration system in combination with a closed-loop gas secondary refrigeration loop. Said method utilizes said receiver architecture to modify said receiver's receive path to simplify optimizations. The transport plate is surrounded by a housing which defines an inner upper side on which a heating and cooling device is provided.

1459828360-d476c40d-a0c0-4280-94df-601b621ba00e

The present disclosure relates to a polycarbonate resin composition, which comprises: based on thermoplastic resin 100 parts by weight comprising polycarbonate resin 60 to 80 wt %; and polycarbonate-polysiloxane copolymer resin 20 to 40 wt %, pearl metal particle 1 to 4 parts by weight; and colorant 0. Accordingly, the trader can be assured of receiving non-duplicated prices that are fed at a rate that is cohesive with that trader's connection speed. The composite particles in the wash mixture foster microbial degradation of the organic material within the wash mixture. A third internal conductor has a lead portion and a main electrode portion. An ultracapacitor coupled to the high voltage DC bus. The organic electroluminescence device exhibiting a long lifetime and high current efficiency as well as emitting blue light with high color purity, and also the aromatic amine derivative for realizing the organic EL device are provided.

1459828361-3b72e4f5-32a7-4927-b996-3a1d1f580c0a

A valve has a body, an outer shell and a bottom board. A first filter layer is disposed around the support layer. Potential alignments for the first and second tags of each read to a reference sequence is determined, wherein the potential alignments satisfies a minimum threshold mismatch constraint.

1459828361-5ef3fd8f-94f1-4304-82c6-f5b1140693e1

A rear-projection screen 3, including at least a lenticular lens sheet 32 and a Fresnel lens sheet 31, is configured so that the lenticular lens sheet 32 contains, in a base material thereof made of a resin, light diffusing microparticles made of a resin having a refractive index different from a refractive index of the base material, and the light diffusing microparticles satisfy 0. It comprises the steps of first treating such soils and ground water with an effective amount an aqueous solution containing a peroxide and a water soluble chelating agent for a time



sufficient to have the water soluble chelating agent chelate at least one of the divalent metals of the divalent metal compounds present in the soil and ground water. Read, write and erase functions for each cell make use of only two polysilicon layers which simplifies manufacture and each memory cell has at least two locations for storing a charge representing at least one bit.

1459828361-63c22a57-d7fa-4087-9ffe-bc24e5321dc7

Briefly, in accordance with one embodiment of the invention, an integrated circuit has a voltage regulator that is used to provide a power supply potential to a memory circuit while a logic circuit is decoupled from a power supply potential. Multiview videos are acquired of a scene with corresponding cameras arranged at poses, such that there is view overlap between any pair of cameras. Data is read by exciting the storage areas with a second directed light beam on the medium. A collar is positioned around the first passageway near an intake opening. Removal or destruction of an RFID tag or removal of a component in which an RFID tag is molded will cause the computer to deactivate the vehicle operating system, preventing operation of the vehicle.

1459828361-8bed04cf-0051-4c09-80e9-6103fa1ae68c

Disclosed herein are emulsion aggregation toner particles having less than about 15 atomic percent oxygen in relation to a total atomic percent of 100 for all elements on the surface thereof. Processing for increasing the rotational speed of the combustion fan is intermittently executed during weak combustion. In the case of in-operation level monitoring, the refrigerant overheat at the evaporator is registered and, in the event of excessive overheat, it is concluded that there is underfilling. The conditional delivery rule specifies a condition for the inclusion of a report template from the set of report templates to be merged with a static document from the set of static documents.

1459828362-0a8599d1-209e-43a1-82ea-f8519b22b623

A hollow coaxial cable adapted for conduction of radio frequency energy, particularly microwave energy, has a proximal end and a distal end and comprises coaxial inner and outer conductors extending substantially the entire length of the cable from the proximal end to a distal end portion of the cable with a dielectric medium disposed between the inner and outer conductors. A factor  $M$ , where  $M \leq 1$ , is defined for each sub-carrier on the basis of the values for the DC offset and for the carrier-frequency offset, and the reliability information for the sub-carriers is multiplied by these factors  $M$ . MRL has perpendicular magnetic anisotropy while MOL and sensing layer have a  $M_{st}$  value within  $\pm 150\%$  of each other. The first proxy mobile station receives forward channel signals intended for the first mobile station and transfers them to the proxy BTS for re-transmission to the first mobile station. The attachment interface provides for an electrically conductive and a bending stress opposing mechanical connection between the interconnect structure and the terminal.

1459828362-43bf599a-e78c-44d2-a0d3-1aada96d217b

To reduce EMI and current consumption in internal wiring after display data have been input to a data driver. The invention uses two or three membrane separation steps, optionally in conjunction with cooling/condensation under pressure, to yield a lighter, sweeter product natural gas stream, and/or a carbon dioxide stream of reinjection quality and/or a natural gas liquids stream. A collecting trough is positioned in fluid flow communication with the edges of the surface to which the fluid flows to catch and collect the fluid as it flows from the surface. The area sprayed can be surprisingly large compared with single-axis oscillators, or the area may be limited to a single row or a narrow rectangular area, by adjustment of the barrel and outlet movement and/or the water pressure. A method for producing an interlayer for routing and a system having a printed circuit board and an electronic component using the interlayer for routing are also provided.

1459828362-a1db098f-6ed4-4329-a7a2-dc8c18c11c27

An electronic radio system multifunction slice for a electronic radio system. More specifically, the control logic and method for implementing a plurality of memory cartridges which may be hot-plugged into a memory sub-system. Two actuating members are rotatably supported by the axle and arranged one on each side of the operating lever. 3, is expressed in testicular tissue and peripheral blood lymphocytes. Radiation treatment can then be delivered to the cardiac target taking into account the movement of the cardiac target. Because of the overlap of the bayonet sleeve and the main body acting in conjunction with the biasing mechanism, the bayonet sleeve is maintained in a stable, straight configuration, and signal loss or degradation is minimized.

1459828362-a3e83134-e861-4a0a-9649-d7dc4766f2ca

A decision flowchart of a triage protocol is provided for a medical condition of a patient. The controller also includes a table, in which standard power and a start-up power supply status are associated with each other for each of the trays, a table that manages total power required by the trays and present power consumed by the trays, and a table that defines maximum available power relative to the total power. Because music, especially electronically generated music, has a substantial level of repetitiveness within a single audio clip, the basic Lempel-Ziv compression technique can be generalized to support representing a single window of an audio signal using a linear combination of filtered past windows.

1459828362-c5b90e5f-22e5-469b-ba4d-2cd92b5474db

A magnet configuration comprising a pair of Halbach arrays magnetically and structurally connected together are positioned with respect to each other so that a first component of their fields substantially cancels at a first plane between them, and a second component of their fields substantially adds at this first plane. In this configuration, even when adhesion between the diaphragm plate 9 and the support plate 17B is insecure, and when a piezoelectric element 12 deforms a diaphragm 7 toward a pressure chamber 3, that is, in a direction away from the support plate 17B, the support plate 17A prevents the diaphragm plate 9 from peeling off the support plate 17B. The bypass stage has a first node and a second node.

1459828363-17c2f845-476a-4d7d-9bc7-ece88a5a3a28

While performing data transfer for reading data from a source disk or disks and writing the read data to disks of a disk array, data reading is repeated until accumulated read data can be split into several sub-data with a data size of each sub-data not smaller than a write maximum. The first storage device stores a first plurality of web pages and receives a first signal from the remote device indicating selection of one of the first plurality of web pages. The system and its related method may improve engine operation in conjunction with detecting an alcohol concentration of a fuel. The supporting stand has a movement recess formed on the supporting stand, a movement space formed in the movement recess, and a moving assembly mounted in the movement recess.

1459828363-23055c32-cd27-4289-9da2-ded882c2f373

An apparatus for performing data caching comprises at least one cache memory including multiple cache lines arranged into multiple segments, each segment having a subset of the cache lines associated therewith. , to user devices in a mobile communications network. To create the automaton, an optimal solution searching part of the analysis processing part generates, responsive to an input word entered into the automaton, states necessary for transition according to the concatenation rules corresponding to the input word without generating any state that can be transited by pursuing a null transition succeeding the generated states. The ferrule holder includes an alignment key exposed to mate with a cam activation tool to lock rotation of the ferrule holder relative to other connector components. The main ignition is then performed to cause main burning. The refrigerator is optimally

operated in ice-making and ice-separating modes based on the amount of water supplied for making ice cubes, and a control method thereof.

1459828363-4bed28ab-72c7-4526-bfb4-13c4b4e87d25

An electronic circuits module includes a cover and a base. The disc storage portion has a disc window and a bottom and stores a disc, having first and second sides, therein so that the disc is rotatable in the disc storage portion and that the first side of the disc is exposed. As work orders are pulled from each of the queues, each work order is sent to a thread pool matching the priority, where the work order is executed. Crosslinked polymer carrier fluids are identified that are not damaged by contaminants present in the fibers or by degradation products released by premature degradation of the fibers.

1459828363-6ea0826f-9a33-4e89-9c29-5f560c3c350a

A torque wrench for use in driving fasteners is provided. The multiple layer flakes can have a symmetrical stacked coating structure on opposing sides of a reflective core layer, or can be formed with encapsulating coatings around the reflective core layer. In another embodiment, gain and threshold are adjusted in a coordinated manner wherein gain is adjusted for low signal levels and threshold is adjusted for high signal levels.

1459828363-d57f56a8-ee5c-4ba4-9a00-734df881beac

A novel soybean variety, designated XB20D10 is provided. The puzzle game can utilize a framework including a portion of the puzzle image such that the user can determine where to place the puzzle pieces without having to see a version of the final image, which can save display real estate as well as provide suspense and additional challenge for the user. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into PHB00 through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. The shared data can be selectively downloaded for use by the other device as long as the devices are in proximity.

1459828364-0eca1dd9-3064-4b1d-af91-5b71f7596821

A light emitting device including a light emitting chip and a magnetic material is provided. The invention is more particularly applicable to Plasma Display Panels to improve the picture quality. A second supporting member is mounted detachably to a second axial end of the supply reel, and rotatably supports the second axial end of the supply reel. The dramatic improvement in amplitude of the vibration at the tip of the nozzle is without precedence in the prior art. The financial transaction network enables customers to continually interchange account values relating to any financial product, or financial service within the network.

1459828364-ab112feb-db03-4c56-ae13-94a125127648

The invention provides a 03 type piezoelectricelectrostrictive ceramic composition excellent in the electric field-induced strain at the time of high electric field application. At least a part of the crown 6, at least a part of the sole 8, or at least a part of the side 10 is formed by a porous part Ps including a porous metal. The method includes several etching steps performed on the layers of the material substrate that are different in thickness. In particular, as multiple processors compete for the same cache line, a significant amount of processor time is lost determining if another processor's cache line lock has been released and attempting to reserve that cache line while it is still owned by the other processor. The computing device is register, over the local area network, with a server using the user specific data extracted from the scanned QR code. An example method includes activating a firearm-mounted camera system, receiving a switch input from a user selecting a camera, generating an image of a portion of an environment with the selected camera, and displaying the image on a display panel to alert the user to conditions in the portion of the environment.

1459828364-d8d38693-abd6-47b0-a7a1-20968530b5a4

In one aspect of the invention, an attack tool is disclosed which comprises a wear-resistant base suitable for attachment to a driving mechanism. The kick plate is further adapted or operatively configured to be re-orientated in a stowed position where an upper surface of the kick plate operates in conjunction with an upper surface of the carriage to function as a table like support. The reflector is configured for shadow-free exposure of a second, opposing major surface of the workpiece to a flash heating energy. The components further may have a flexible frame, which allows the water treatment media to dynamically adjust to swelling of the filtration media and other forces that may occur during use. The apparatus then manages the maximum amount of data to be transmitted over the management time period for thereby leveling the amounts of data transmitted.

1459828364-ecf803f2-7f8d-402e-a3af-3afa3fb2d77f

Device-to-device contention management systems and methods provide managed offloading of cellular network traffic through a contention-based network. The projection is complementarily disposed in the groove to press the adhesive for forming a first waterproof structure. Signal areas are summed for each individual analyte to quantitate the total analyte amount. Data is read in response to a result from the address written in the register being placed in the control and status registers portion of the host bridge.

1459828365-065d206a-c676-4d30-af27-6d0b8eef98f2

A frame for bracing a gate includes a first and second upright brace having respective outboard edges positioned flush to opposite vertical edges of the gate. An exemplary embodiment receives the supplemental weather information from a remote source, determines a location of the supplemental weather information relative to the craft, receives weather information from an on-board radar system, and integrates the supplemental weather information with the weather information received from the on-board radar system. Initially the broadcast multimedia is transmitted at high data rates in order for a buffer associated with mobile device to be built to a very long buffer length. Blur correction is performed on the corresponding image frame using at least one auxiliary image frame in at least one other buffer location. The second transmission unit is received within the measurement time window. In one embodiment, the SRAM device includes: an SRAM array coupled to row peripheral circuitry by a word line and coupled to column peripheral circuitry by bit lines and an array low voltage control circuitry that provides an enhanced low operating voltage VESS to the SRAM array during at least a portion of an active mode thereof.

1459828365-49e30f52-90f7-4db3-b6d2-13f502ee2b58

The wet steam exiting a low pressure steam turbine does not rapidly attain thermodynamic equilibrium because insufficient condensation nuclei are present in the phase transition zone inside the turbine. The method includes driving the vehicle forward substantially straight above a threshold speed, sensing a yaw rate of the vehicle, and sensing a measured hitch angle of the trailer. This makes it possible to dispense with a complex turning device assigned to the wafer.

1459828365-4b221d48-ddf2-4adf-bca7-2f1c1f8a2cb1

A method and apparatus for segmenting data into TCP data segments using a first network communication component, and transmitting TCP data segments over a second network using a second network communication component. Also disclosed are interchangeable mounting brackets for mounting screens of varying sizes, or for mounting screens in various configurations, and hingeable and rotatable support members for supporting the screens so the screens are swingable to face in opposite directions. The second gripping members have walls with holes for the passage of screws during fitting thereof to the mounting bodies. This is converted into a joint probability of possible intensities for the missing pixels in the low resolution dataset as a function of the intensities of the corresponding pixels in

the high-resolution dataset to provide a very rough estimate of the intensities of the missing pixels in the low resolution dataset. The virtual target is a possible location for completion of the item action with the first item.

1459828365-a867d772-10d6-4284-9743-e4f7fda07a9f

Embodiments of the present invention address deficiencies of the art in respect to trusted platform module unification in a trusted computing environment and provide a novel and non-obvious method, system and computer program product for trusted platform module data harmonization. The base has a plurality of raised pads defining coplanar supporting surfaces. The gray scale control registers can be set using a data bus for transferring the display data from a liquid crystal controller, and the gray scale control operation is performed by the liquid crystal controller in accordance with the image data. The locking mechanism can be deactivated, placing the device into the normal mode of operation, when a specified condition is satisfied.

1459828365-f68c92d7-3bcd-4539-82dc-e607e42c8b18

Methods and systems for a disabled user compliant video player for an end-to-end streaming web video solution affording accessibility for disabled users, including blind users and those with partial or poor vision, colorblind users, deaf users and those limited to only keyboard voice input. According to the invention, the source network site is arranged to select which connection is used at the source end and which connection is used at the destination end, and base the selections at least partly on the basis of a round trip time value and a packet success rate value. The sign-indicating signal indicates a first sign when a control signal is greater than a predetermined value and indicates a second sign when the control signal is less than the predetermined value. Multiple regression analysis is used to identify those characteristics that affect the relation between prices and profits.

1459828366-2ea5629d-6968-4097-9406-22ff5fd2cb2c

A check rail arrangement for a switch or an intersection, the arrangement including a grooved rail provided with a grooved rail head, a groove and a lip, and a check rail which is supported at least on the lip and is arranged by a fixing mechanism in such a way that it can be displaced in relation to the grooved rail. According to a preferred embodiment, the composition comprises a mixture of ethanol and food-grade mineral oil where the ethanol is present in an amount sufficient impart antiseptic properties. The brake shoe is arranged to apply a braking force to the spool.

1459828366-3d8d4cc9-6d32-4dc7-ad90-bbfd6334e144

The present invention provides a sense circuit for DRAM memory cell to cover the events that a sense time becomes remarkably longer when a power source voltage is lowered, a sense time under the low voltage condition becomes shorter when temperature rises and a sense time changes to a large extent for fluctuation of processes. On this rotary shaft, a distal end lower face support member, an upper face slash member, and a sheet alignment paddle member are coaxially mounted. A clutch is positioned between the combustion engine and the third rotational member and a further clutch is positioned between the combustion engine and the first rotational member.

1459828366-93da8d01-b969-47ea-a04e-04dc02d6c98c

A thermoplastic resin composition having 100 parts by weight of a resin mixture of from 20 to 98% by weight of a polycarbonate resin and from 2 to 80% by weight of a styrenic resin; from 0. The device includes a footboard which is formed so that a foot is seated and supported thereon, and has a pair of facing locking brackets and a foot support part for supporting a foot. The support element includes a member which has an inverted T-shaped cross-section, which defines the second and fourth surfaces. The interconnect includes interconnect contacts configured for bonding to, and then separation from component contacts on the components. A first ion

implantation mask pattern is formed over the first gate electrode while a second ion implantation mask pattern is formed over the second gate electrode. As the AC cycle progresses, the appropriate compensation signal is added to the output of a conventional current controller.

1459828366-ad80e7b7-f120-4df4-8456-34fde5a00a04

A docking device is used for docking a portable computer. When the web page user initiates a help request, a client agent may automatically provide a service provider with information, about the particular web page that is causing the problem, sufficient to enable the service provider to access the web page. Compositions are also disclosed which include mixtures of fly ash, particularly Class C fly ash alone or in mixtures with Class F fly ash, alkali metal salts of citric acid, foaming agents, a calcium sulfate such as calcium sulfate dihydrate or hemihydrate and an optional portland cement.

1459828366-b0a8d81a-83d4-4ae8-a3e1-3a3f3b31624c

An alkyldiamine having excellent polymerization reactivity, a polyimide comprising it as a constituting element, and a liquid crystal alignment film excellent in uniformity of liquid crystal alignment, are presented. The summer combines each of the tap weight updates with one of the tap weight update offset values to produce modified tap weight updates which, in turn, are provided to the equalizer to adjust the tap weights. If a user inadvertently attempts to start the operating system before the recovery operating is complete, the operating system will not boot until the recovery process is complete and the required file is written to the appropriate directory on the hard drive. A plurality of coaxial cables having respective internal and external conductors connect the input and output terminals to the relay contact terminals. The server contains a random image size generator that generates at least two additional images of the marketplace item for display in a seller marketplace item web page to advertise the marketplace item. The image pickup apparatus includes an image pickup lens 11, a microlens array section 12 where light passing through the image pickup lens 11 enters, and an image pickup device 13 sensing light emitted from the microlens array section 12, and the focal length of each of microlenses constituting the microlens array section 12 is variable in response to an applied voltage.

1459828367-0e468bb7-4fc1-4d82-8d26-9cb8ec0fd607

A system for perfusion management that monitors, maintains, diagnoses, or treats perfusion deficiencies. Integrated on the RxPIC chip, starting at the input end which is coupled to receive multiplexed optical data signals from an optical transport network is an optical amplifier, an optical demultiplexer, and a plurality of on-chip photodiodes each to receive a demultiplexed data signal from the AWG DEMUX for optical-to-electrical signal conversion. The release may be operated when the gate is in either the open or closed positions.

1459828367-11195e03-2303-4574-8b95-39b9e4f5caca

A wiring member is provided that can suppress an influence due to deviation of a position of connection as much as possible so as to maintain a good wiring state. The game is individually progressed by each cellular phone. The second region may be doped with implanted phosphorus and the third region may be doped with implanted boron.

1459828367-14df084e-75b0-4ba1-94a3-0a9c9fd03276

In some embodiments of the present invention, a vending machine display apparatus and method includes a controller, a display electrically coupled to the controller and adapted to be coupled to the vending machine in a location externally visible on the vending machine, and a power line coupled to the display and adapted to supply power to the display. The FSU includes a first vacuum stage, where vacuum pressure is created by an ejector and a second vacuum stage where vacuum pressure is created by the ejector and a vacuum pump. Accordingly, the problems of

conventional methods, such as sinking of CNTs caused by screen printing, residual CNTs remaining within a gate when a lift-off method is used and short circuiting between gate and cathode due to the residual CNTs, can be solved. Each of the light emitting units are connected to respective driving thin film transistors, have relatively longer lengths in a first direction, and have the same width in a second direction substantially perpendicular to the first direction. The two devices then use the networking information to establish a computer network connection over a public computer network that couples the first and the second LANs for point-to-point communication.

1459828367-4fbc40b4-7e4d-49b0-a82d-3df1dd7bd104

Provided is a conjugated poly compound comprising an arylene unit having adjacent substituents, said substituents being oriented such as to affect the electronic structure of the compound sufficiently to cause a blue-shift in the photoluminescence and/or electroluminescence of the compound. The front frame is secured to the back cover to form an accommodating space. The sensor switching region preferably includes a plurality of floating contacts positioned adjacent and lengthwise extending outwardly from said switch detecting circuit region for defining a plurality of released beams so that each of said plurality of released beams displaces in a predetermined direction responsive to acceleration. The first and second portions of the attachment system cooperate to permit selective removal and reattachment of the cover wrap on the cylinder. Also described is a vehicle having such a brake system.

1459828367-e4a3be68-7cea-47e3-8482-022cd4ba3edb

An imaging apparatus includes a body mount to which an interchangeable lens is attachable; an imaging device; and a circuit board. The wire may include an elongate flexible core formed of a conductor material and a cladding layer covering an outer surface of the core. By pressing a pressing switch of the modulized switch circuit, a light emitting element electrically connected to the modulized switch circuit can be controlled to provide or shut illumination thereof.

1459828368-f0fa4d5c-aa5c-4ee9-82fb-ed48ca496025

A method for improving muscle control, muscle tone, and sensory integration of an individual by applying polyacrylamide gel to the skin overlying the target muscles. According to said method, an aqueous preparation of the polymer which contains at least 30% by weight polymer, optionally in admixture with other washing and/or cleaning surfactant ingredients, is granulated and at the same time dried batchwise or continuously, preferably continuously, in a circular fluidized bed. A substrate is laminated to the thermosensitive layer on the back surface of the film for providing additional support independently of physical and chemical properties required for directly supporting thermosensitive imaging material. Pressure events occurring in a single section of the wellbore bounded by any two sensors can be isolated and analyzed. The deposition may be performed on either treated or untreated substrate. A distinct sequence of steps between the computer in the machine and the specialist's computer minimizes the chance of time-wasting errors in establishing communication.

1459828369-29b162c2-fc8f-4bc6-9554-9323c2586dc8

Various embodiments of the present invention are directed to a fleet management computer system configured for assessing vehicle backing. According to various embodiments, the fleet management computer system is configured to assess operational data associated with one or more vehicles and identify vehicle backing events occurring during a particular time period. The deburring means comprises a prism having rounded longitudinal edges. In the specific implementation, the first circuit is a cellular subsystem and the second circuit is a Global Positioning System subsystem.

1459828369-4658c428-7873-4bbd-94a8-c8f3dc076b44

A computer testing platform for supporting computer hardware components in a highly visible and readily accessible manner for diagnostic testing and repair includes a housing made from clear acrylic plastic and a plurality of bays for storing the components. These summary frames are embedded in the broadcast and appear in a small window on the screen at some point in the future as the video is broadcast. Each hypertext transfer protocol request generated by the browser includes an indicator of the configured preferences. The sanding disk may also have a plurality of arcuate slots which are adapted to align with radial holes in the pad of the rotary sander. The hard or rigid shell serves to contain the elastic or resilient core and may include copper. Then, during the subsequent annealing processes, the faster moving PFET impurities will be restrained from diffusing too far into the channel region under the gate conductor.

1459828369-4e82533d-3ba4-4b35-995b-8d73ab94dec4

An error-correction coding method that includes outer coding of performing a coding process for an outer code; and inner coding of performing a coding process for an inner code that has an error correction capability adjusted based on an error correction capability of the outer code. The image display device includes a first polarity converting unit to convert luminous flux from the light source to S polarized light, a first polarized beam splitter, and second polarized beam splitter. The receiver performs channel estimation and determines an estimated channel response matrix. With this, a gas-liquid separation distance of the refrigerant increases. The second signal is processed at least in part on the basis of the harmonic feature of the voice component to remove at least in part the echo component such as to derive an echo reduced signal.

1459828369-ca05107a-f54e-4c0e-abd6-b47fc6157672

The invention provides, in various embodiments, systems and methods relating to controlling ion behavior in an ion-based analysis system. The laminated balun transformer includes a magnetic substrate, a laminated body, and external electrodes. A first end and a second end of each trimming electrode are connected to the spiral coil pattern portion, and a lead out electrode, respectively, so that the trimming electrode bridges between the lead out electrode and the coil. Upon the occurrence of a triggering event in the system, the system predicts the motion and position of the person. If the user does not delete the cookie, then a later request from the Web browser includes the cookie and the encryption key.

1459828369-f8b38c7b-b6ef-461d-bc5f-7ae094c02df6

Devices and methods for laparoscopically repairing a hernia are described. In power feeding regions, the semiconductor layer and the insulating layer are removed. Then, the glass substrate is machined while being irradiated with a pulsed laser for a plurality of times, thereby improving the machining shape of the glass substrate. The lamination takes place by laminating a partially cured sheet to at least one other sheet of dielectric material and one of the conductive sheets.

1459828369-fe6b93d8-d51b-47fa-9fe8-2edcb9b2f33c

A device for measurement of the spectral reflectance of a surface where the reflectance factor of light with a certain wavelength can be measured in a wide wavelength range, including the UV range, and in which a reference reflectance factor can be easily obtained. The position, attitude or both of the head with respect to a reference frame may also be monitored for translating and/or transforming the monitored visual axis into other reference frames. The second lens element has negative refractive power. The controller synchronizes its control signal with the mains signal.

1459828370-0d59e23b-fdfe-49d6-ba74-fec41371a679

Methods and apparatus for controlling the registration of one elongated continuous structure with attachments or formed features as it is fed to a sealing station, where it is joined to another elongated continuous structure with formed features.



Mobile data processing systems interact with each other as peers in communications and interoperability. The sensor detects movement of the paddle.

1459828370-3b67ba20-b398-4644-9fcc-9e1736aa538d

Users call ONE telephone number from their computer communication link-up. The switch is coupled to the inductive element to generate switching cycles. The cutout portions of the drum shell can also be filled with other materials to further modify the acoustical properties of the drum and lighting can be provided in the interior of the drum allowing light to be passed through the cutout portions of the shell.

1459828370-b0e80a71-4503-42b4-94ba-082c1f38469a

The present invention relates to a video communication system and a video communication method along with a computer readable recording medium which records the video communication program. The hub has a connection section formed therearound and the connection section has a first side and an opposite second side. The entire metal foil is in contact with the adhesive layer, and the metal film layer is in contact with the electrode pad.

1459828370-f923dac7-398e-4133-be8a-86d3c29e7a3f

A molding machine according to the present invention includes a plurality of drive mechanisms driven by servo motors and a controller for controlling the respective drive mechanisms. Each client generates a report signal indicative of a current latency tolerance associated with a performance state. These values are entered into a table in memory. The decoder circuitry includes a parity check value estimate memory. A waste ink absorber with rough density to which an ink droplet ejected by the pre-ejection directly collides, solves the above-mentioned problem. A \u201cthird\u201d step of the method is identifying descendents of any data identified, e.

1459828371-71453ca3-f87d-4323-b5dc-f8e5345c80be

A bender wrench for removing fasteners from hard to reach places. Whether a failure has occurred on the side of the first device during the submission of the print information is detected. A method for controlling a gas flow rate in an axial flow gas turbine engine is also provided. The method and system further comprises capturing and storing the system media access-controller address of the connect computer in the additional logic of each of the plurality of wall plates and storing a physical address of the wall plate in the logic of each of the plurality of wall plates. The analog signals are sampled such that no two analog signals are sampled during a single fixed period.

1459828371-a800c86b-ee5d-4bc1-9a4c-e85119dfdbd6

A lens barrel is provided with which manufacturing costs can be reduced. The second tray is movable between a first posture and a second posture. The airfuel mixture is combusted over a combustion catalyst positioned in physical contact with a heat spreader, which itself is positioned in physical contact with a heat acceptor surface. The switching logic selectively connects the USB peripheral devices to different selectable ones of the USB hosts.

1459828371-ee044742-7409-4a5f-b29e-51bb34727e9f

An ultrasonic wave transmitterreceiver is provided in which the transmissionreception range thereof in at least one direction is relatively narrow, and which has stable reverberation characteristics. The coupling unit includes a shifter having an input and an output and a control input, the input being coupled with the output ports of the memory, the output being coupled with the instruction fetch unit, and the control input being coupled with the instruction stream request control unit. As each circuit path is tested, tested circuit nodes along the circuit path are marked as \u201cexercised. In one embodiment, the frame has first and second cross-arms and an elongated member spacing the cross-arms from each

other.

1459828372-4307b918-8ad3-4a53-97ce-e66e100ac109

A hybrid drive type vehicle having a permanent magnet type synchronous motor can provide high torque characteristics in low revolution speed range of the engine and high power generation characteristics at high revolution speed range of the engine. The system also includes a lift system in the vault, the lift system including a screw drive and a track system. In some instances, the query result data is generated based on the pre-existing risk assessment data. This device is built with passive elements, i. When precoding matrixes are required for the initial transmission, precoding matrixes having the minimum similarity with each other in the spatial direction are selected according to the retransmission rank, and then orderly used in multiple retransmissions. The cover has a first end region and a second end region with at least one elastic section positioned between the first and second end regions.

1459828372-b117cf3d-f286-4fa6-971d-70621bb704d1

Some embodiments of the invention provide techniques whereby a printer driver may be modified and supplemented over time. At least three sensors of a device can be used to determine locations of a beacon. When other PCs in the subnet want to share the multimedia broadcasting program with the first PC, they sending sharing requests to the first PC, and the first PC forwards the sharing requests to the wireless data terminal. In one embodiment, sensor wires and portions of the panel frame have similar coefficients of thermal expansion to substantially eliminate environmental expansion effects that may result in false alarms.

1459828373-037464ab-8ffc-4411-a45b-3989110f1641

An apparatus for obtaining tool face angles on a rotating drill collar in substantially real time is disclosed. 5 to 20 threads/cm and having a linear density of at least 420 dtex, and a second set of threads having 0. Each correlator typically receives and despreads input samples with a respective despreading sequence to provide despread samples.

1459828373-7742cb11-d1a7-48c8-982b-d42cd3b725cf

A flash recovery timer and warning device is a hand-held electronic device using a bright flash to create a temporary glare-type vision blur to the eye to be tested and a target and timer to determine the amount of time required for the eye to recover after the flash. Input images are received by a plurality of image capturing units respectively. The composition preferably has an -value greater than or equal to 4. Additionally, noise tolerance may be increased in the fast tracking and the slow tracking by using tracking envelopes. The direction vector determination section rotates the direction vector such that an angle formed between the direction vector and the tangent vector is maintained, and the rotated direction vector will be a new curved surface.

1459828373-ccedf3af-d9ad-4dbe-a91e-4092256300e1

An image data processing apparatus of the present invention includes: a base clock output circuit for outputting a base clock; a plurality of image processors; and a plurality of external PLL circuits provided for each one of the plurality of image processors. The lens frame is supported freely movably back and forth by an internal driving ring turned and driven when automatic focusing. A wireless data server receives a data message addressed to the mobile station. An ID giving section may provide ID information to one of the containing member and the recording medium.

1459828373-f4f01bb7-c813-42a0-9e11-c15fb5248fae

Methods of reclaiming plastic from infectious medical waste and manufacturing medical devices from reclaimed plastic are described. In the ringtone system, for a call from a calling party, the calling party is prompted to identify the type of

the call. In a space region of the N-channel transistor region 103 other than the N-channel functional transistor forming region 105, a power source capacitor forming region 106 is formed at a portion of the P-channel transistor region 102 opposing the P-channel functional transistor forming region 104. chamber air temperature and a light intensity of 0. Database records correlating location information with restrictions are accessed.

1459828374-3b2aa660-1660-4bf8-a872-05136526b523

A memory module having series-connected printed circuit boards is provided. The CTI server includes an analysis unit, an icon creating unit, and an icon display control unit. The metal ribbon integrally includes nail sections which protrude outwardly from said tack strip.

1459828374-8cbd436a-11c7-4b03-9c79-83d3d0e3c3b4

A metal casket that is readily assembled at a location remote from the location of manufacture. The invention furthermore pertains to a board formed by a plurality of strands of wood that are compressed and bonded together with an adhesive, wherein the board further comprises a flame retardant chemical composition, said composition comprising a phosphate compound. The module has a projector for generating light images of the dynamic process images.

1459828375-56b5f771-0607-474e-bef4-c9f5efc5293a

A method of interconnecting terminals so as to obtain an excellent electrical connection between terminals such as opposing electrodes and a mounting method for semiconductor devices using this connecting method are provided. Such a zirconium-base alloy for nuclear reactors comprises 0. Each coil is characterized by coil parameters including an axis orientation, a cross-sectional area, a number of turns, and a location. By quantifying the number of damaged RFID tags, a determination can be made as to the progress status of the catalytic process. The room model is used to calculate a model of an audio channel from the loudspeakers to a listener.

1459828375-cad0cc4f-10b2-49ea-bbf9-eedc4bde7816

A battery replacing apparatus includes a battery mount portion, vehicle hoist members, and a lifting-lowering means for lifting and lowering the battery mount portion. The microspots may then be simultaneously irradiated and the resulting ions detected by mass spectrometry, such as time of flight mass spectrometry. The method also includes modulating the P-SCH sequence and mapping the modulated P-SCH sequence to subcarriers within a predefined subcarrier set. The second section also has outwardly extending arm members, slotted at their ends and held in position by a spring which creates a compressive force within the second section. The entire device goes into a bag, e.

1459828376-9ea1fba8-f0fc-4d22-9b98-6f0cb3d5bf87

This invention provides a method for contactless fingerprint detection and verification comprising illuminating a fingerprint and directing a reflected light through an imaging system using liquid crystal panels and birefringent elements to polarize the light. A screed head is mounted to the frame portion and is balanced such that the screed head is at least partially supportable on an uncured concrete surface. This arrangement improves transistor characteristics and reliability of gate oxide films of the peripheral circuit MOS transistors.

1459828377-b85cb9f0-5f24-4b72-8a89-b8e2eb471911

A fuel cap 10 maintains high sealing even when subjected to external force; is easy to operate; and requires minimal space for accommodation. The timing controller encodes first gray scale data of a present frame, decodes encoded second gray scale data of a previous frame, compares the first gray scale data with the second gray scale data, and generates compensated gray scale data based on a result of comparing the first gray scale data with the second gray scale data. Oxide films

are formed on main discharge surfaces of at least the protrusive supporting portions of the pair of main discharge electrode members opposite to each other, by performing an oxidation treatment, respectively. This disguises the current profile of cache hit and miss events, which enhances the security against statistical attack techniques based on the evaluation of the current profile. A second control device is connected to the source of the fluid pressure for regulating the supply of such predetermined pressure to the operating mechanism thereby causing an automatic application of such brake by the hand brake assembly. The stacked bulk acoustic resonator further includes an inner raised region formed in an inner portion on a surface of at least one of the first, second and third electrodes, and an outer raised region formed along an outer perimeter on the surface of the at least one of the first, second or third electrodes.

1459828378-77b75c6f-ed19-4e14-abc0-e6361a977b8f

An engine oil heater suited to use with an engine having an oil fill port in fluid communication with an oil reservoir that is adapted to contain a quantity of oil. A first pivotal support brace includes a distal end and a proximal end attached to the first support pedestal. In order to solve this problem, a belt gripping roller can be brought into pressure contact with the pressure belt in the event of a jam, so as to prevent the pressure belt from being moved accidentally in the width direction while the jam is being cleared. A camouflaged panel is secured to the mounting bracket and, in turn, to bow by the first support arms and hooks. The frame structure is fabricated so as to define a duct about the propeller and the duct provides a flow of air to both a main flow passage and an auxiliary flow passage which are separated by a dividing wall or splitter plate.

1459828378-97feaecf-6482-40d2-b5d8-b3b8baecb1b3

A system and method of acquiring and processing full elastic waveform data from a vertical-force source comprises providing seismic waves into the earth from the vertical-force source, sensing reflections of the seismic waves at multi-component geophones placed along the surface of the earth, and processing the reflections of the seismic waves to generate full elastic waveform data. Chambers nest within one another to form a stack of chambers for transport or storage. In the packet queue, at the time where the final ATM cell forming a packet is stored in the virtual connection queue, an identifier of the virtual connection is stored. A predetermined value will be transferred to and held at an output Q of a second circuit element triggered by the output Q of the first circuit element, and the predetermined value will be cleared from the output Q of the second circuit element a predetermined time period after being triggered. The connector joins the ends of successive cords utilizing the outwardly projecting shoulder provided on the female socket of one cord in cooperation with a latch member on the male end of the connecting cord to lock the two cords together.

1459828378-c68f8d9c-538d-45d4-b05a-551f1e5a97a5

An active control device is disclosed comprising an array of actively controlled oscillating air jets disposed on an aircraft structure. In one implementation, the location of a client device may be obscured using a first random offset and a second random offset. Capacitance, impedance, and phase change data associated with the sample are generated at two frequencies. The edible film may be decoratively prepared into predetermined decorations prior to distribution, which may include being pre-printed, pre-cut, colored, or being of pre-selected opacity and sheen. A pressure assembly forces steam into the exterior pressurized housing while the transfer device is adapted to maintain a selected pressurized environment.

1459828379-136aa8d7-cca6-474c-a7c0-49d8247b850c

The present disclosure includes apparatuses and methods for sensing data stored in memory. The precursor solution can comprise 1-20% excess lithium with respect to a stoichiometric composition of the ceramic powder. Damage to the exhaust muffler is avoided by actively and/or passively cooling the connection pipe. The system

eliminates the need for an exterior lock assembly and its attendant inside lock button or rod.

1459828379-338293b7-0c85-4d84-8450-51b06f7b2612

The present invention is directed to a system, method, and apparatus for orienting images. With this structure, because the spread of a depletion layer from a drain side is restrained by the pinning regions 105, a short-channel effect can be restrained effectively. The removal of the crystal of an alkali metal sulfate in the step is performed by a solid-liquid separation in a state that the crystal of alkali metal sulfate is precipitated by concentrating and heating the solution that is obtained by adding sulfuric acid in the step and succinic acid is dissolved in the solution.

1459828379-734b63bb-e93a-4532-85f5-596119611879

A vehicle uses electric power from a mounted power storage device to drive a motor generator by a PCU to generate traction driving force. The assembly includes a substantially flat, flexible tape having first and second ends, wherein at least a portion of the tape is adapted to be permanently implanted into a female patient's body as a loop beneath the urethra. An armature is connected to a control valve in the module. Consequently, energy for tempering the water in the water jacket and/or in the water bath can be saved. Adaptive embodiments allow the generation of designs applicable to a particular medical purpose. The checking device has a movement element that can be moved along a boundary which separates the convertible top stowage volume from the luggage stowage volume and which can be remotely controlled.

1459828379-e43d3ff9-d642-4a7c-b047-f75fe9ff7318

The present invention relates to systems and methods to generate stored procedure calling code. A shock sensor is attached to the flange portion. 1 \u03bcmminute or less with regard to a hydrosilicofluoric acid aqueous solution that is maintained at a temperature of 45\xb0 C.

1459828380-44495981-f37b-43d4-9dcd-1d659d48c165

A method of forming an electrode on a semiconductor wafer by plating is disclosed that is able to reliably prevent leakage of a plating solution during the plating process. Thus, a printing apparatus includes: a first correction unit, for correcting a print position at accuracy equal to the resolution of the printing apparatus; and a second correction unit, for correcting the print position at accuracy higher than the resolution and in the range of an area that corresponds to one pixel of the resolution. While showing lower toxicity, they also effectively inhibit the cerebral neuronal cell death caused by ROS and/or zinc ion, and show neuroprotective effects against ischemic neuronal degeneration. The same processing functions, operations and values can be readily applied to data within each level without regard to the level spacing or output levels. Via this arrangement, the adapter can be assembled with a plug and can be assembled with other adapters of different specifications and types, thereby providing more functionality. A layer of silicone is then applied to the leather surface, the silicone penetrating into the material to a predetermined depth, and the resultant assembly is then operated on in a manner to form raised portions and wells in the top and bottom surface of the assembly.

1459828381-86494c37-13f9-4846-a04c-46042850880a

A semiconductor package has an insulative layer having at least one channel formed on a first surface thereof. The base substrate has a plurality of first regions met to be punched out, and second regions between those first regions. A plate defines a feature sized for operably supporting the workpiece. The protective material such as photoresist or metal layer is filled into the depression portions above the fuses for temporary protection of the fuses during bumping. But on each step CGM determines the area of simultaneous objective functions improvement and a direction

for the next step in this area.

1459828381-b18e9a8c-27d8-4649-b575-a75ec847d898

An instrument for removal of an object, e. Upon receiving entry a purported PIN, a purported shared secret is dynamically synthesized on the device by the OTP application based on the purported PIN of the user and a purported OTP value is generated based on the purported shared secret. A circumferential conductive metal line is provided in the plane of each element at an outer perimeter thereof. The control unit calculate a recent weight estimate and determines whether the recent weight estimate is different from the baseline weight by more than a weight threshold. The protrusions provide cushioning by bending when a foot presses down upon them. If a setting has been made not to output any background object, a page having no foreground object is handled as a blank page, thereby suppressing transmission.

1459828381-f6bd98d8-bf02-4306-80d0-f193008ad6c3

A clamping element for attaching a gripper onto a clamping tongue as well as a gripper with this kind of clamping element is provided. The 3D kernel allows for designs that do not require Wavelength Dependent Waveplates for managing light polarizations within the 3D kernel. In this manner, the high-voltage diode is inexpensive to manufacture. A second electrically conductive pathway is provided leading from the lamp receiving portion to a second of the electrical contacts. The irrigation system also includes a linkage for coupling the span of overhead irrigation equipment with the ground-based platform.

1459828382-07a97c27-5ea6-4790-8492-9577259afbf9

A method is disclosed for creating itineraries for a party of visitors to a facility, the facility having multiple attractions. The lighting device is powered by a battery provided with solar charging. The exterior panel has an eighteen inch long, and a thirty inch long leg. An elastic reaction element is arranged in a control housing recess and against which the output member bears. The flashing may be attached to the interior of the window with hooks and loops which run horizontally across the window and prevent water that splashes under the window from entering into the passenger area.

1459828382-5d8f4272-a804-4800-81bd-2be900db88ce

An implantable electrical connector system, which may be used as part of an electrical lead, a connector block on an implantable pulse generator, or the connector of a lead extension. The LO generator can be used over a wide operating frequency range. The plug connector is attached to a first end of the cable, thereby connectorizing at least one optical waveguide. The conferencing appliance can integrate the differing modalities from the at least two devices by executing at least one of turn taking, conference identification, participant identification, ordering of interjections, modulation of meaning, expectation of shared awareness, floor domination and combination thereof.

1459828382-c210d4d6-3357-4ea1-9640-fcda863e9e73

The present invention relates to a processing method for processing a substrate, and comprises a step of coating a coating solution on a surface of the substrate while relatively moving a coating solution discharge nozzle and the substrate and discharging the coating solution from the nozzle onto the substrate. In some implementations, a customer may replace the asset with another asset in the pool, where the replacement asset imposes a reduced obligation on the debtor. Memory stacks can be formed by adding additional layers\respective layers separated by additional partitioning components, wherein multiple stacks can be formed in parallel to provide a high-density memory device. The fingerprint scanning module includes a touch sensor for sensing different touches that represent different command signals. The retainer has a plurality of radial teeth angularly oriented to engage a pipe and prevent its removal from the coupling.

1459828383-3f2eeb73-dc31-4c90-92aa-dacfd0be0993

Resonators 4 and 5 are able to oscillate horizontally and vertically to substrate 1. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more types of data packets, with at least one residing in the host device and being coupled to the client through the communications path. The road segments collectively represent one or more possible travel routes from a start point to an end point. A pattern inspection method using the image correction technique is also disclosed. The deforming area adjoining the piston stroke area is provided in the form of part that exists as a single piece with the housing. Moreover, intervention of a second understeer control, in which the control amount is lower than in the first understeer control, is carried out when the actual yaw rate does not make a predetermined change with respect to a change of a steering wheel angle, thus improving the sense of stability and the controllability felt by the driver.

1459828383-81defde2-e1a8-432f-9691-affe126cffd6

A bracket-antenna assembly for transmitting and receiving electromagnetic waves as well as supporting a liquid crystal display of an electronic device is disclosed. The method comprises: performing a linear transformation on a measured signal comprising a source component and a noise component; determining a modulus of the linear transformed signal; estimating a noise-free part of the linear transformed signal; and reconstructing the source component of the measured signal using the noise-free part of the linear transformed signal. The sheet mounting part includes first and second members arranged next to each other. The second layered part includes at least the internal electrodes, each being divided in half in a third direction orthogonal to the first direction and the second direction.

1459828383-b1ed6217-0356-41bc-b994-7faa4e204dc6

Disclosed is a zoom lens system which uses a diffractive optical element such that high optical performance can be obtained over the overall power variation range. The control system uses the computed motor model to produce a closed-loop control design that achieves a particular resolution. Moreover, the system may modify the video image so that a product of the intensity setting and a transmittance associated with the modified video image approximately equals a product of a previous intensity setting and a transmittance associated with the video image. It is preferable that in a first mode with the first and second pair of speakers in an unstacked configuration, the signals do not pass through the arrangement of electronic components prior to output. A further feature of the invention allows a variable resolution image to be converted to a fixed resolution image.

1459828384-0ee0cfa6-ef53-4786-9919-edf7135fb353

Included in the present invention are methods of inhibiting sperm capacitation, inhibiting the phosphorylation of a protein at tyrosine residues, inhibiting an acrosomal reaction, and inhibiting fertilization of an egg by sperm with the administration of a CRISP polypeptide. It is desirable to mark a stringer for the uniform equal spacing of the location for the treadrisers and to establish the pivot positions for mounting the supports on the stringer. A first N-channel transistor is connected between an N-channel transistor constituting the prebuffer circuit and the ground potential supply node. It is not always wanted, advantageous or even possible to employ the SyncML coding/decoding feature, since it is subjected to several disadvantages. The relief zone may be radially outward from the sealing portion.

1459828384-5c0e1669-4fda-4cc5-a977-a90d036f2e7e

The present invention has as its objective to provide a display panel with silver electrodes without yellowing, and a method of production such a display panel. A lift member is moveably coupled to the head member. The mirror bracket includes a

mirror receptacle formed as a single piece with the bridge portion opposite the tunnel. Thereby, guaranteeing delivery of requests in spite of lack of resources availability. At least the interfacing surface of the layer made of mechanically stronger materials is provided with protruding elements that remain inseparably adhering to the interfacing surface of the other layer.

1459828384-c708e2ae-a24d-4110-8fbe-f92f0404bf5e

A method and apparatus in a data processing system for updating a buffer containing display information used to display pixels from a first layer and a second layer on a display in the data processing system. The fault correlation software includes rules that monitor a number of indicators that, if occurring together over a window of time, are known to cause or reflect the occurrence of a fault. Techniques include modifying a buffer size for access to trick plays and/or constructing a manifest file with limited content based on ad breaks.

1459828385-67c5534e-6e15-4c32-a688-3f5be6f6931d

Apparatus and method are provided for treatment of a bifurcation of a body lumen. A barrier anodic oxide is formed between the gate electrode and the porous anodic oxide and on the gate electrode using a relatively high voltage. In one embodiment, the wale is of unitary construction and the plurality of connecting walls includes top and bottom walls which form a single chamber between the back and front walls. The STC code mappings are chosen in accordance with one or more principles. At least one of the parts includes two ribs in a chevron configuration and at least one other part includes two grooves in a chevron configuration, the ribs and the grooves being complementary in shape and of corresponding dimensions. A detection method that is based on correlation of multiplexed noise sequences with a noise sequence embedded in the audio is also described.

1459828385-8d4f4006-a97a-4904-a5f7-e257352aaff0

A paging apparatus and method in a mobile communication system providing an MBMS. Specifically, VccVDL is regulated to be higher when the delay through the VDL is relatively small edge of the VDL) and is reduced when the delay is relatively high edge of the VDL). 65 mass % of a free type triterpene alcohol and 0. The method further has the steps of cooling the stretched first end and fitting a skin on the first end. An elastic band attached to the body extends at least partially about the opening to reduce a size of said opening and is attached to the body by stitching.

1459828385-ab498a18-d8b6-4e6b-b793-53f0ff72b3e1

Described herein are embodiments of microgrid systems which may be used as stand-alone systems or may be connected to a larger, integrated power supply system. The method involves cryogenic cooling of the cutting tool during a cutting operation, which cooling results in enhanced wear resistance and fracture resistance of the cutting tool. A stabilizing structure forms walls perpendicular to the smooth playing surface to provide a playing structure. This information could be used to turn on the appropriate switches that best match a set point for a light level in the area.

1459828385-adab8379-a9fa-4294-860f-211e88e01284

Described herein are intermediate compounds and derivatives thereof that can be synthesized during the preparation of 2,4,5-trifluorophenylacetic acid and derivatives thereof. Specifically, the invention relates to an enteral feeding device comprising expandable means which prevents or significantly reduces aspirations from the alimentary tract to the respiratory system. The second portion includes a second panel having a plurality of third embedding elements and a plurality of fourth embedding elements embedded with each other, and the second portion includes a plurality of first embedding elements and a plurality of second embedding elements, such that the first panel can be pushed to form a gap for replacing the second panel.



1459828386-ea2988a0-2923-4a91-9015-87dcbea01446

The present invention relates to a modular door having at least one door panel, premanufactured stiles and at least two rails, and is held together using rods optionally having at least one stabilizer; a modular door kit containing said components; and a method of assembling a modular door having said components without requiring adhesives or any extra fasteners. A stream of waste material and vitrifiable material are mixed and melted in the vessel for vitrification. A projectile release mechanism controls the timing, locations, and numbers of projectiles released per rotation of the at least one rotating member. A method of preparing the material is also disclosed.

1459828386-ff48a552-2477-4b2a-94f3-e4b7152e9c59

A semiconductor integrated circuit has a memory which can enter active state or standby state, and the memory has voltage generation circuits for bit lines and source lines with which memory cells are connected. A stator includes first and second magnetic pole portion assemblies disposed on both sides of the permanent magnet array in the perpendicular direction and each including magnetic pole portions facing the magnetic pole surfaces, and a single phase winding that excites the magnetic pole portions forming the first and second magnetic pole portion assemblies. A substitute cartridge is determined based on the transmitted information, and liquid ejection data for the substitute cartridge is generated. A scraper blade may push the row of product into the forming cylinder through the window thereby compacting the scrapings into a shaped solid body.

1459828387-086af67e-76fa-42ba-bdb2-e03357c1f329

An alternator and starter tester system is provided that includes a protective hood or cover, a controller connecting an LCD touch-screen, an alternator main harness connector, a starter harness self-test connector, a barcode connector, USB host and USB function connectors, an Ethernet connector, and a compact flash connector. An embodiment of the instrument includes handle portions that are pivotable relative to each other and biased apart, and arm portions pivotable relative to each other and to the handle portions. The electrical components are arranged symmetrically and concentrically about an axis. Fabrication processes and systems and light management, such as beam steering, epoxy scaffolds, spectral adjustments, mode matching, thermal expansion control, alignment technology, etc.

1459828387-a3e37cc3-e681-4c72-bd08-3428f74c7c3d

A semiconductor arrangement includes a well region and a first region disposed within the well region. If a crash is detected by the crash detection portion, a data recording/retaining process relevant to the crash is performed by the recording process portion. It uses service-oriented and event-driven concepts and methods to design and implement a new grid-based image communication and management system to solve the problems encountered in distributing archived image information, coordinating work and managing in a virtually centralized way of different PACS or archiving systems under varied operating environments. The method further comprises applying at least one shift to at least one initial design feature and deriving therefrom an altered design so as to compensate for shadowing effects when irradiating the substrate using a lithographic mask corresponding to the altered design in the predetermined irradiation configuration.

1459828387-aa58da18-b825-4df9-ba6a-7ddbc54bbf82

Disclosed is a poly BCF carpet modified cross-section yarn having an modification ratio and a arm angle within a specific range and a Y-shaped cross-section, and a method for preparing it. The structure has or develops a capillary effect at which the quotient from capillary work and adhesion work is larger 1. The mirroring engine compares data in the write request with corresponding data stored in memory. 01 \u03bcm to 200 \u03bcm, and an aspect that the biodegradable resin is polylactic acid. The settlement entity is interfaced with the billing accumulator, and

includes settlement logic for converting each stored dispatch call data record to a billing record for each of at least two of the dispatch networks. The method writes an object information block to the information storage medium, where that object information block comprises the first sequence number, the first blockid, and the second blockid.

1459828387-b3c6037a-ad04-4800-bc02-d8e8b2510ace

Proxy functionality is described for receiving a request for markup content from a receiving device, retrieving the markup content, converting the markup content to code-bearing content, and transferring the code-bearing content to the receiving device. The host mail server provides pages which can be rendered by a browser to present an email service to a user. In another embodiment, upon failure to read a symbol in one of the first and second images, these digital images are analyzed in real-time, and based on the results of this real-time image analysis, the energy level of the illumination is adjusted during subsequent image frames. The static eccentricity sensor is adapted to measure static eccentricity associated with the rotary body.

1459828387-d0f9e634-5ea6-4d8d-8e36-34ef2410811a

A glass composition consisting essentially of, based on mole percent, 46-56% B2O3, 0. The network includes a cell and a plurality of other cells. The supporting unit is connected to the barbecue grill assembly. The outer barrel has a central bore and the inner barrel is removably seated within the housing central bore.

1459828388-2f1a071d-d334-482f-9cb1-2e8112f4f6a3

The present invention relates to 2-amino-2-alkyl-4 hexenoic and hexynoic acid derivatives and their use in therapy, in particular their use as nitric oxide synthase inhibitors. The packet generator is operable to generate a packet for transmission to a destination device. A sheet path of a first unit is linked to that of a second unit by a linking device and a control mechanism is included that sends to the device and discharges a sheet stopped carrying from the path of the first unit to that of the second unit.

1459828388-8ade81d9-4a96-4ead-9d3e-0bbf1b65530b

The invention pertains to a new route to prepare  $\alpha$ -functionalized carboxylic acid esters in a one-pot reaction, by reacting an olefinic acid ester in the presence of a catalyst system, comprising a Rh-complex, together with an aryl boron or a diamine as nucleophilic compounds, and under oxygen-free conditions and elevated temperatures. The first peer-to-peer station is a nearest available peer-to-peer station on the network to the first mobile platform. The enclosure includes a plurality of projections, preferably in the form of spaced apart, vertically extending pins, extending from one or more interior walls of the enclosure. The artificial neural network may further be trained and include a plurality of weights and biases is also shown.

1459828388-e3f2e59d-b3eb-44ff-a9a6-a4af17793302

Embodiments of the invention may include a scanning device to scan three dimensional objects. It identified interference as an essential factor that couples multiple access and routing decisions through the trade-off between MAC throughput and path length. A second body within the housing comprises an anodic corrosion inhibitor. The use of MBE to grow buffer layers allows a range of substrates to be used for CMT growth. A one-handed actuation device is connected to the proximal end of the body and is operatively connected to the connector through the body. Steps of the sequence can include ceasing operation of augers of compactor apparatus located in the cotton receiver are turned off, and moving the compactor apparatus downwardly within a cotton receiver of the machine and against cotton accumulated in the lower region of the receiver, one or more times, for further and better compacting the cotton.

1459828388-ea30c694-a64c-43f0-9af7-09c8a933768b

According to an aspect, a device includes a touch screen display and a controller. A part of each of the main pole permanent magnets on a side on which the magnetic field is generated is replaced by a soft magnetic member, and a relation between a length A of the soft magnetic member on the side of the generated field along a moving direction and a length B of each main pole permanent magnet on a side of a back yoke along the moving direction is  $A \leq B$ . Thereafter, transmission input torque values are measured on a sample powertrain operating at a plurality of different combinations of the measurable characteristics.

1459828389-34431596-27d7-44e2-a747-7e158d031182

An axial flow fan has a hub with a plurality of hub struts extending radially from the hub for mounting a blade on the end of each hub strut. The methods involve treating the subchondral bone, while preserving, as much as possible, the joint's articular and cartilage surface. The element dimension calculating unit calculates production error data of the pattern according to measurement data and the mask design data to transmit the error data to the order-sender via the communication line. Preferably, the reticle masking device is a liquid crystal display. The restructuring composition comprises safe and effective amounts of carrageenans, borage seed oil, squalane, ceramide 3, ceramide 6, red algae extract, dipalmitoyl hydroxyproline and oleuropein, while maintaining their optimum stability.  $xH_2O$ , wherein M is at least one metal ion; n is 3 or 4; A is an organic or inorganic ion; p is 1, 2 or 3; and x is equal to or greater than 0; with the proviso that when n is 3, then a, b and c each comprise a rational number as follows:  $0 \leq a \leq 1$ .

1459828389-5334a9fc-1f01-46d5-bb22-d7a0a667d854

A computer implemented method is provided for computing a two-way optical flow between a reference frame and one or more associated frames in an optical flow module. In a four-mask process, the conventional storage capacitor of the TFT array substrate includes the capacitor electrodes and the insulation layer and semiconductor layer as a dielectric layer. Workpiece graspers grasp a workpiece. These methods may be employed individually or in combinations in an external or implantable ESS therapy delivery device. Determining of the aggregate value may comprise identifying within a range of network addresses represented by the aggregate value respective addresses for which the routing device does not have reachability information.

1459828390-a746b254-d804-45b3-b03a-20c89f8589ad

A method of fabricating an electronic chip on a wafer in which a first mask at a predetermined lower resolution is developed on the wafer and then etched under a first set of conditions for a predetermined period to achieve a mask that is below the resolution limit of current lithography. A method of patterning a layer to be patterned includes providing the above described hard mask layer stack on the layer to be patterned and patterning the silicon hard mask layer in accordance with a pattern to be formed in the layer that has to be patterned. By appropriate choice of components, the non-linear transfer function can be used to accurately approximate any monotonic function such as a square root transfer function. Methods associated with use of the electrokinetic pump and fluid delivery system are also covered. The device may further have a plurality of authentication methods based on the activities on the device. The apparatus and methods embodied in the present invention are particularly useful for high-throughput and low-cost single-molecular analysis.

1459828390-c9cebf63-0aa2-4979-bd0b-b736ea28a766

An ion beam implanter includes an ion beam source for generating an ion beam moving along a beam line and a vacuum or implantation chamber wherein a workpiece is positioned to intersect the ion beam for ion implantation of a surface of the workpiece by the ion beam. In one example, the securing substance is a conductive epoxy. This invention also relates to methods for producing a maize plant

containing in its genetic material one or more transgenes and to the transgenic maize plants produced by that method. The electronic user interface may include inputs to select water temperature, water flow rates, water flow patterns, and/or task based presets.

1459828390-f9c2a7f0-1df5-4abd-a39b-fb0b1a43dab9

Assemblies that can be disposed in a subterranean bore and that can facilitate branch wellbore creation are described. A right bite pad assembly is slidably connected to and completely encloses the right aft end portion of the buccal strap. Conversion is able to be between any of z-scanning indices, raster-scanning indices and representations.

1459828391-163b23e0-7bff-4117-92bb-b273d372c933

A balanced brake control system is provided for use in aircraft. This temperature control may vary at different spatial regions of a showerhead assembly. The capacitor system includes one or more capacitors. Further, it is also possible to obtain the ultrasonic transducer which shows a narrow range of characteristic variations, and is stable due to the high homogeneity of the dry gel. The slave latch may be coupled to the master latch. A disclosed example method involves first and second display portions by a demarcation line, to display first and second content in those display portions, based on receiving an input corresponding to a display coordinate.

1459828391-2344058f-010a-4170-a939-4d8d31e4737f

There is provided a printer management method in a computer system of the present invention, which controls a plurality of printers connected to a network, including acquiring information related to an elapsed time from the time when each printer made a transition to the power save mode, and selecting a printer based on the acquired information related to the elapsed time. The method comprises detecting a plurality of pressure inputs using a plurality of sensors, determining an angle of pressure applied to a stylus device from the plurality of pressure inputs, and transmitting the angle of pressure to an interactive device. The user enters information concerning the presentation broadcast while within the presentation design application program, which is then automatically inserted into a meeting request message automatically sent to a list of prospective attendees of the presentation broadcast that the user has identified. The encrypted IP packet is encapsulated with the IP address of the VPN server and sent to the VPN server. The geometry of the voxels is adapted to the shape of the ultrasound focus.

1459828391-43606bd7-d9f1-4b4d-aa4e-8777a1086f90

Methods and apparatus, including computer program products, implementing and using techniques for computing motion vectors in a digital video sequence are disclosed. The storage capacitor element includes a storage capacitor line, an insulating film formed on the storage capacitor line, and two or more storage capacitor electrodes opposed to the storage capacitor line with the insulating film interposed therebetween. The at least one ingress controller has a time-clock.

1459828391-b0d51e9a-335b-4212-a94e-868a9c3d5af6

A handheld electronic device includes a housing, a display screen and a keypad assembly. The current supplied is controlled to supply all of the LED with a current of a low level to illuminate an object in a shooting mode with light for illumination. The sliding plate is slidably assembled with the base plate and located upon the base plate. Select sections of the rectangular box frame are covered with rigid plating to strengthen the torsional rigidity of the trailer chassis. The present invention also includes at least one pivoting means formed in the elongated main member so that the first end of the elongated main member may be pivotably moved relative to the second end of the elongated main member. More specifically, embodiments of the present invention relate to a pump and signal combiner capable of conveying several kilowatts of pump laser power for kilowatt

class rare-earth doped fiber amplifiers without suffering thermal damage.

1459828392-46aab59b-de3b-4cd4-b0f3-356d6edc07af

A method of forming a cementitious plug in a well is disclosed. One example of the system uses a flexible planar sheet that has a lower surface having a low-tack adhesive and includes a semicircular edge that is used to mask trim next to the bull-nose corner. The security layer material mixture is laminated between two piezoceramic layers, thereby forming a green stack. The element is kept vertical by tension from the self-boosting self-latching mechanism until a forward force such as a boat, jet ski, or car push on the element and the element collapses to a horizontal position. The measuring force during surface configuration measurement can be adjusted by adjusting an alternating signal to be applied to the touch sensor or by reducing the noise added to the detection signal without making modifications to a shape or structure of the touch sensor.

1459828392-837a6da2-bff0-43bc-b70f-da3880104f3e

A heat spreader and a method for manufacturing the heat spreader are disclosed. In some examples, the system encrypts a secondary copy of data after the secondary copy is created. In case the target hydrocarbon is naphthalene, it is possible to prepare naphthalene which has a purity of 99. Preferably the ore treated according to the present invention is ilmenite ore. An indicator is associated with the lever to indicate to the vehicle assembly operator whether or not the sunroof panel needs vertical adjustment relative to the roof panel to obtain an acceptable degree of flushness.

1459828392-a5555f51-1122-41ab-ab00-fce4d3ccdb51

A girt assembly for releasably connecting an evacuation slide to an aircraft includes superimposed flexible panels that are continuous at a pair of spaced connection points for connection with the aircraft. Sequencing uses operational data obtained from airlines and then provides a methodology for sharing this data with the air traffic control agency. The return electrode is disposed on the bottom side of the backing layer and is adapted to connect to a current generator. Then the adhesive agent is applied into the holes to fix the liquid-crystal display to the upper and lower brackets. A drive element is associated with and engaging the tension element for causing the tension element to control the tension applied by the elongated member against a patient's body organ or duct.

1459828393-14db6b04-339d-4f07-b5f4-37808aae6725

A driver assistance device to be disposed in a vehicle includes a traffic signal information acquiring section, an intersection distance acquiring section, a target speed calculating section, and an outputting section. A group identifier is retrieved from the received packet. The metathesis catalyst can be a ruthenium carbene complex catalyst. If a user desires to remove the d\xe9cor product, the d\xe9cor product is formulated to be removed by a number of methods including, for example, vacuuming, wet extraction, chemical application, and the like. A fourth valve has a first input connected to the second input of the first pilot valve and an output connected to a third source of pressure lower than pressure in the equalizing reservoir prior to a penalty signal. Further, the processor receives a non-final search result from the corresponding search table.

1459828393-35d9c5ba-6ac5-40e9-ad91-3ae5880e9514

An intervertebral implant having an endplate that can be slidably expanded following its placement in the intervertebral space. The network resources for the call are reserved based on a reservation request. The invention further provides purified leucine zipper and coiled-coil proteins in which the leucine residues have been replaced with 5,5,5-trifluoroleucines, and the modified proteins so produced demonstrate increased thermal and chemical stability compared to their corresponding wild-type natural proteins. Furthermore, a thickness of the insulating layer is locally matched to the voltage difference determined there. A

cover member of the collar includes a wall which defines an aperture sized for receiving the neck of the cathode housing.

1459828393-f2ec1d27-8a52-41b6-a865-5342d7ebc5ac

The present invention provides methods and compositions relating to fusion proteins comprising multimeric soluble TWEAK receptor fragments and an oligomerization domain. The disk drive includes media such as one or more disks, a slider and a head residing on the slider. When the CPU enters a suspend mode and the first controller detects a temperature of the electronic system to be lower than a threshold value through the temperature sensor, the second controller notify the application program to trigger the CPU to enter a hibernation mode, and operation data is moved from the first storage device to the second storage device. A projected area of each of the second light-transmissive apertures is equal to or smaller than that of a corresponding first light-transmissive aperture. When the register allocator does not map the virtual predicates to the same physical register, the predicate copy pseudo-opcode is replaced by an instruction that will perform a predicate copy.

1459828394-5f59d995-c0f2-493f-8fa9-303f14efa156

A quantum key distribution system is provided that makes use of a quantum signal of polarized photons and comprises a QKD device and complimentary QKD apparatus. Heretofore, a bearer service carrying packet switched service traffic in support of an application session is analyzed for identification of different types of services by the application session. When the steering link is in the neutral position, the caster wheel can pivot about the caster axis through a 360 degree pivot range. In response, the server computes a one-time password that is transmitted to the visitor's device. The processing element is also configured to initiate a confirmation sequence to confirm proper receipt of the configuration data at the mobile terminal, and to receive information indicating whether the configuration data was properly received at the mobile terminal.

1459828394-9bc8ca41-4b3c-4b15-9c8c-230581f4ae69

An apparatus and method for modulating a phase of optical beam independent of polarization. The apparatus for automatically opening and shutting the drain valve in the washstand, wherein a drain-pipe is connected to the bottom of a washstand, and the top of the drain-pipe, i. The pitch display includes a fixed pitch reference scale and a pitch indicator. The end plate includes an end plate body and a plurality of selectively removable cable caps for accessing individual cables passing through openings defined by the end plate. A method of use within the column is also disclosed. At least some of the caps upon forming touch at least one adjacent cap to form a conjoined cap at the distal ends of multiple posts.

1459828394-a426ac9c-6f9e-4777-ac24-b99bb87261c6

An insulation baffle for a mobile platform. A main case covers a plurality of operators so as to allow the operators to be operated. The closure hook is connected to the actuating element by a freewheeling coupling.

1459828394-fbb0df73-a811-41f5-a99c-06128362e22c

One inventive aspect relates to a low back type loop type coil part which may facilitate confirmation of quality of soldering. The rules contain a header describing an initial data structure and a final data structure, thereby defining each of the defined SQL scripts as a section of the updating process. The syringe has a vent that allows air to escape from the receptacle as blood flows therein.

1459828395-54642425-0385-4461-ac93-b32204c91179

A bearing having a high thrust rigidity, an excellent vibration resistance, and a simple structure, as well as a spindle motor using such a bearing are provided. The piezoelectric device is configured for exerting a radial inward or outward force to the deformable lens so as to deform the deformable lens, thereby changing a focal

length thereof. The leakage dams are closely adjacent the vane tips and discourage exhaust gas from leaking in a generally radial direction past the vane tips as the piston just begins to open from its fully closed position. An output is generated indicating whether the data violates any of the rules, thereby providing information regarding the validity of the data being captured. The second entity can communicate the completed task directly to the second datastore, which in turn may populate the first datastore inventory with the completed task. A proximity sensor detects whether an object is supported on the air cells, and a control unit connected to the pump and the proximity sensor controls operation of the pump based on a signal from the proximity sensor.

1459828395-57c9cd33-066c-4d64-95fb-c64a2fe695f9

A highly reliable optical communications equipment is offered, which can control light more accurately than heretofore and which is equipped with a latching function. Each projecting portion is constituted of a stepped portion formed by extending from the shoulder mouth side end portion of each flange to the shoulder mouth side, and a downward slope formed from the stepped portion up to a top face of the lower plate. These antitoxins are produced in avian species using soluble recombinant C. The device of the invention comprises electronic circuitry which is operative to perform the method of the invention. When subjected to pressure changes, the tubular member adapts and expands or retracts from a neutral position. Also, in causing the authentication apparatus 300 to register the discernment information of the user, the discernment information is caused to be input, this discernment information is collated with the discernment information registered in a key information management center 200, and in a case where it coincided, the authentication apparatus 300 is caused to register the discernment information.

1459828395-da340ce3-ccd8-4ccb-8490-df200368d613

A plastic container with a rim and a lid, the rim and lid each having channels which, upon installation, produce a liquid-tight fit by means of three complementary pairs of projections from the walls of the channels. The shelf assembly includes a pair of brackets, a fixed shelf mounted to the pair of brackets, and a movable shelf. The footwell region is bounded laterally and at the top by a panel arrangement of lightweight construction which, together with the floor and the end wall, forms a supporting box for the front-end structure. The comparator compares the voltage of the first input terminal with the voltage of the second input terminal and outputs a comparison result. The golf club head comprises one or more adjustable features such as weight bars, weight screws, weight cartridges, and adjustable sole members, and preferably includes structural features such as pegs, teeth, and polymeric dampeners that serve to preload the one or more adjustable features on the golf club head and prevent or reduce unwanted vibrations when the golf club head is in use.

1459828396-0943be55-2fb5-441b-97e0-3caf413edea7

A driving method of a plasma display panel is provided in which effective resolution and luminance in a display of fields that constitute a frame are improved. The mounting portion and the pressing portion include a lower die contact portion and an upper die contact portion each formed into a shape along the bent shape of the bent material to come in contact with the bent material. Then, a dielectric layer is produced, and the metal track stack for the second electrode is then applied to the dielectric layer. Finally, gain equalization of the optical transmission line is performed so as to obtain a gain remaining substantially unchanged with wavelength ). The heat pipe coupling with a heat source transfers heat generated by the heat source to the heat dissipation fins.

1459828396-41c26b23-fdb9-4101-b692-107247eaff34

A coffee brewing basket for use with a pre-measured coffee filter packet is shown having a first compartment for retaining the coffee filter packet and a second compartment situated below the first compartment for providing an initial wetting

of the coffee filter packet. It includes a negative pressure system to supply a negative pressure which acts on the liquid in the liquid reservoir while no liquid is being dispensed. Write enable circuitry is responsive to an access request specifying an n-bit address to issue a write control signal to the storage element addressed by the access request in the event that the access request is a write access request. A phase detector compares the timing of a signal generated by the phase interpolator to the timing of a reference clock signal applied to the delay line to determine the selected delay stage and a phase interpolation value. By using different packaging methods, the flexible dilute explosive device can be made to have a fixed explosive density, or a field tailored explosive density using a variable volume housing.

1459828396-6367a82b-bd30-4406-87af-515d2ff2b47d

A method of increasing the useful life of heating elements that consist essentially of molybdenum silicide and alloys thereof, wherein the heating elements operate at high temperatures in heat treatment processes and generally rest against the floor and/or the ceiling of a furnace. The disclosed systems and methods may include receiving, at a delivery processor, origin data corresponding to an origin delivery office that receives an item to be sent, the origin data comprising origin location information, a scan date reflecting a date the item is scanned at the origin delivery office, and a scan time reflecting a time the item is scanned at the origin delivery office. The precursor can include a polymer or plastic loaded with a laser-marking additive in an amount of or greater than about 1 wt. A second direct contact condenser can be included in the lower section of an absorber that removes acid gas from a feed gas. The possibility of logical connection via a physical path connecting the first free port and second free port is controlled.

1459828397-60fbc10c-56a4-41c8-b7a9-0297ac5b4805

A method and data structure for creating and accessing folders stored in well known locations. The structure includes a heat-dissipating body and a heat pipe. The ceramic carbon composite material can be produced by forming a green body from ceramic-coated powder in which the surfaces of carbon particles of or containing graphite are coated with individual ceramic layers and sintering the green body. Further, the archived data can be destroyed according to destruction indications.

1459828397-872a7704-44be-45f5-9a75-3d375c3425aa

A device and a method control the operation of an electronic wheel unit that is allocated to a vehicle wheel. When executing an object, a retrieval request, which includes the object name of the object, is sent to a computer for providing the naming service. At least one magnet is affixed to the instrument to facilitate the mounting thereof on a ferrous workpiece. The sealing cap is provided for a sealing region to cover the light emitting section such that ends of the sealing cap does not reach the ends of the transparent substrate or the wiring line terminal section of the transparent substrate. The gas introducing pipe is configured and arranged to introduce purge gas into the space inside the air induction pipe at a position between the throttle valve and the partitioning part.

1459828397-b7ea4688-07d1-4b4d-8b0c-e61f773881b7

A hybrid construction machine includes a control valve provided in a flow passage that connects an actuator to a regenerative hydraulic motor, an opening of which is controlled by a pilot pressure led to a pilot chamber thereof; and a solenoid pilot control valve that leads a pressure on an upstream side of the control valve to the pilot chamber. In the character string input apparatus, a character string to be input as a portion following a character string input by a user is predicted based on the character string input by the user, and the character string input by the user is completed using the predicted character string as a portion complementary thereto. Each one of the logic sections is fed a corresponding one of a plurality of request signals for the common resource. If the selected elevator car belongs to the FREE group, the car is allocated to the EXP operating group while taking



account of certain parameters.

1459828397-c308799b-3490-4944-9e67-4d051a063e5b

A border gateway protocol management system dynamically determines an optimum or preferred data route from wireline networks into a satellite communication system. The device is first processed in a known manner, up to and including the deposition and anneal of the bit line metal, using a higher dielectric constant material that can withstand the higher temperature process steps as the insulator between the bit lines. An active tag has a memory for storing data representing a vending event, for example the date and time of the event. The external resistor limits current flowing through the first power transistor, thereby limiting temperature rise of the first power transistor.

1459828398-c67e8291-84af-48dd-9d07-77eed8f1d090

Embodiments of the present invention are directed to current driver circuits and methods for driving a load. In addition, the invention provides a virtual representation of a GDF receptor or a functional peptide portion thereof. Preferably the calibration target pattern is pre-distorted and includes at least two sinusoids that create a pattern of distorted wavefronts that when imaged by the camera system will appear substantially linearized. Various forms of devices for grasping are possible as alternatives, including a string, a tab and a tab with one or more finger-receiving holes. Offset compensation may also be implemented using an autozeroing comparator section without a preceding amplifier section.

1459828398-eda89b32-d4b9-420b-83db-3eb78e1596ab

Embodiments of the present invention generally relate to a golf putter and methods of using the same. The memory element provides arbitrary levels of redundancy, allowing the tolerance of multiple single event upsets due to particle hits. The method also includes identifying an expiration time corresponding to the given inventory item and, in response to the expiration time being shorter than the breakeven holding time, calculating a second quantity of the inventory item, where a difference between the second and first quantities represents an additional quantity of the inventory item to be removed from the inventory. The circuit board has a through hole. The first section is located below a mother board and the second section sits on a top surface of the motherboard when the centrifugal blower is mounted to the mother board.

1459828399-02f75447-0744-4006-a0b2-7aadfd5aa9d8

Speed limiter system to detect over speed and generate a signal to cut the power and if necessary operate brakes. The power manager is connected to control the operating power flowing to various pieces of computer network equipment at a single site. The vehicle utilizes the cryptographic key obtained from the certification authority in cryptographic communication with the prospective component, and determines whether the prospective component is the authentic component based on whether the cryptographic key is successfully utilized in the cryptographic communication. A locating portion protrudes at an inside of the clipping board and abuts against an end of a rear surface of the prop body. An aircraft can be equipped with such a device.

1459828399-3ccc5ab1-6231-4d77-8ec3-fa6eb0153933

A thermal-type fluid flow sensor technology for measuring more precisely the temperature of the heater for an improved sensibility of detecting flow measurements. The information processor of the control system executes a POST operation and a starting operation, and instructs execution of a POST operation to the information processor of the standby system after completion of the starting operation. The measuring unit is equipped with a monitoring device for triggering an alarm device when a predetermined limit value is exceeded or the loop current is interrupted. The method is relatively simple and inexpensive and provides reversible hydride compounds which are free of the usual contamination introduced

by prior art wet chemical methods. The supporting means includes arms that extend from the electric motor unit. Preferably, the third operating voltage is generated such that the first operating voltage is increased to a fourth operating voltage by a voltage-up converter, and then the fourth operating voltage is dropped to the third operating voltage by a voltage down-converter.

1459828399-655c8e92-5503-451e-bad3-dcc7aaebdaea

A target for practicing aiming sport or game projectiles, such as balls, hockey pucks, arrows, etc. Novel technologies to realize improvements in low power consumption, low noise, and analog output path which occupies minimal die area while maintaining certain data rates are disclosed. The telephone initiates the synchronization by placing a data call to the server and logging on to the server. Additionally, the hydrostatic system has both hydrostatic motors having the same rotary speed but moving in the opposite direction.

1459828399-bb829156-bc95-4a9b-91b4-e674aaf72cfd

A steerable multi-linked device. In this invention, an image is segmented into a predetermined number of blocks, and attributes are discriminated in units of blocks. A multitude of spatially resolved spectra of transmitted, reflected, emitted or scattered near infrared wavelength radiation light from the illuminated area of the sample is collected and a collimated beam is produced therefrom.

1459828400-3163148a-108d-4430-8d27-6ec173fa8b16

The present invention relates to a fixing apparatus which radiates rays to a detection object and which detects the rays returned from the detection object to obtain a temperature signal. A first portion of the metal layer is formed in a first deposition chamber, the first thickness being approximately half the target thickness. The first processing module is used for generating a lightness histogram with reference to the input image and determining a maximum lightness and an average lightness according to the lightness histogram.

1459828400-3a760811-77a5-49e6-85aa-214c50048bd8

A method for providing data integrity of a database system. An airbag cushion which is deployed by deploying pressure of an inflator is mounted between an inner side panel so as to stably deploy toward a cabin through a portion where a head lining and a pillar trim are matched. The result is that the passenger in the middle seat can look directly along lines of sight S at the passengers in the outer seats of the next row and vice versa, which they would prefer not to be able to do. Various methods for improving fault isolation and fault reduction are also provided. The image on the screen is optically transmitted in the form of a plurality of blocks to the image display plane and a block deflecting system associated with the display plane receives the plurality of optically transmitted blocks and displays them in the proper order on the image display plane. When an error occurs, each layer of software can add details to the error stack.

1459828400-770e04c5-0477-4ca2-9323-ef87f43eaabb

A rotary, positive displacement pump for fluids, having a pair of diametrically opposed vanes secured to a rotor in equally spaced, similarly contoured pockets, for movement between an extended position with a portion of the vane extending outwardly beyond the cylindrical surface of the rotor and a retracted position wherein the vane is seated entirely within its corresponding pocket. Modulation transfer function differences between the screen film system and the digital receiver are compensated and noise content at frequencies approaching the Nyquist frequency for the digital receiver is suppressed. The states are prioritized in a manner to achieve good performance. A feed stream introduced into the housing is in direct contact with the structures such that a gas selectively permeates through the body and into the channels.

1459828400-a12441ab-399d-48f6-a3a1-d33a75e4d291

The present invention provides a solid golf ball which gives a superior shot feeling to the golfer and exhibits stabilized repulsion performance when it is hit at any head speed. A plurality of keys are located above the intersections and exert force on the conductors and FSR elements during key presses. The vehicle control system further includes a monitoring control device having a control circuit that is different from the by-wire control circuit and that monitors the by-wire system on the basis of monitoring information received from the by-wire system. An adjustment mechanism is also provided for releasably adjusting the distance between the magnets and the elongate strip. In this regard, a representative method includes: receiving information from multiple test systems regarding a first airflow parameter of a gas turbine engine component; and using the information to establish a desired performance parameter that is to be exhibited by a repaired component.

1459828400-bc31086f-b2a8-4f08-beab-abcb7bf9ee9c

An interconnect structure on a substrate is provided. The first and second members define a first and a second chamber for holding the fluid. The stopper includes an inclined portion for supporting the body portion, and a second protrusion extending a support portion thereof.

1459828401-394c961e-e925-4d67-9186-d95582258e7a

A waterfall manufacturing process and apparatus are described for a data storage device. The molecular device comprises a junction formed by a pair of crossed electrodes where a first electrode is crossed by a second electrode at a non-zero angle and at least one connector species including at least one switchable moiety and connecting the pair of crossed electrode in the junction. A front housing of the connector includes a bore for receiving a rear housing, an anti-rotation seat configured to engage the hub, and a cavity coupled to the anti-rotation seat. A seal ring is formed along the edge of each active area. Such a Feedback Control Mechanism is capable of maintaining a condition of non-congestion, a sufficient and necessary condition to meet end-to-end QoS requirements in a Next Generation Network. The first and second parallel portions allow for retention of a picture in a gap formed by the opposing portions.

1459828401-8729490b-2204-499d-b9a1-efd88fbfffc69

Provided herein are novel methysergide derivatives and compositions thereof. The upper portion includes intake ports extending from a top surface thereof. A second glass substrate is anodically bonded to the other side of the SOI substrate, and debonding of the existing anodic bond prevented by eliminating any potential drop across the existing bonded surface.

1459828401-8d20744d-8862-4d41-accb-7687a6ed7369

A portable electronic device includes a base module with a housing defining upper and lower sliding grooves at each of two opposite side walls of the housing, and a system module mounted slidably on the base module through a pair of sliding units. In embodiments, a data packet is received that is part of a communications stream and a dynamically modifiable quality of service indicator is embedded into the data packet wherein, in various embodiments, the DMQOSI indicates a prescribed quality of service that is associated with the data packet and is modifiable prior to completing a communication of the communications stream. The method may further include sending an update flag signal from the call center to the telematics unit.

1459828402-7eef398a-9b92-44b2-a22b-e996aef22895

A sound emission and collection device has a plurality of speakers and a plurality of microphones. The coating system is radiation-cured to at least a reduced tack state before the coated surface contacts the second conveyor. A valve closing timing of the intake valve or a valve closing timing of the exhaust valve that cooperates with the intake valve may be used as parameters to be corrected. And, the second etching is a dry etching for removing the residual silicon nitride

slices formed during the first etching. The DC bus can be adapted to be electrically coupled to a plurality of inverters.

1459828402-936923ba-2a1f-4ed5-8444-dcf18754fe04

An electronic component mounting method by which a surface-mount component and an IC can be efficiently and reliably mounted on a single substrate is provided. The crossbar switch further includes n decoders connected to the n input rows. That way, inconsistency problems called binary incompatibilities are avoided. A check valve is interposed in the motor-side charge fluid passage so as to allow the fluid to flow from the motor-side charge port to one motor-side operation fluid passage while preventing reverse flow. The automated cannula array changeover capability permits automated wellplate reformatting procedures, which can be performed quickly and accurately. And then the output power is supplied from smoothing capacitor 62 to heating coil 59, thereby reducing the pot vibration noise, which is caused by pulsating current of input voltage.

1459828403-4ee444b7-4ba0-444e-bd84-eaf5755a9dbd

A wireless LAN setting system mounted on an image forming apparatus that performs network connection through a wireless LAN and used for performing wireless communication with plural terminals, the wireless LAN setting system including a mode for checking, before setting is performed, existing setting contents presently set. The new plant has a compact habit with stiff, upright, heavily-branched stems showing strong greyed-purple tinting and persistent calyxes of similar greyed-purple tinting, a strong vigorous growth rate and gray-green foliage. The buffer layer may be cleaned by incident light to preserve or improve its hydrophobicity.

1459828403-8ef5d27c-55bf-4f5c-9d1a-196c91d31185

A mechanism for hemming the beltline of a vehicle door panel is combined with a mechanism for hemming the outside perimeter of the door panel, and the two mechanisms are driven by a common drive. A recording opening is formed in the camera housing facing toward a recording direction. The plurality of openings include a first through-hole and a second through-hole, each through-hole passing through the plurality of sacrificial layers and plurality of insulating layers, and the first through-hole and the second through-hole overlap each other in the first direction. Using the tool and the installation head to apply the predetermined axial tensile and compressive forces, captive panel fasteners can be reliably installed using a single tool stroke.

1459828403-a281af0b-ecb9-4003-82d2-d94b9acf59d5

The present invention provides an electronic key system for a vehicle which is a type of starting the engine with pressing a button switch and can be operated at familiar mechanical movements thus easing the user or driver of an unfamiliar conception as well as improved in the operability and the protection against theft. Particular flexibility in use and extended areas of use are achieved in that the robot platform is modular and the communication device operates in accordance with a uniform standard. Further, in the micro-reactor, the receiving member having a mixing channel having an outer periphery in the same form as an outermost periphery of the outer layer channel is provided detachably to the plate.

1459828404-73752675-9b73-4186-997e-2198694d30f4

There is disclosed methods and apparatuses for multi-view video encoding, decoding and display. The control valve has five control edges, with two separate line paths formed to feed the fluid forced out of the small stroke space back with a back-feed control edge and a pressure-release control edge is formed to release pressure from the small stroke space to the tank. Optionally, multiple play participants, each provided with a suitable \u201cwand\u201d and/or other actuation/tracking device, may play and interact together, either within or outside one or more compatible play environments, to achieve desired goals, master certain magical spells and/or produce desired seemingly magical effects within the play environment.

1459828405-17030a6b-ca43-4d3a-8563-ec9ff72621d8

The disclosure is related to systems and methods of management of memory. A reservoir contains a supply of dye that is thermally transferred from the reservoir to the dye donor element by diffusion of dye into the dye donor element. A bus arbiter is provided for arbitrating between requests to access the bus by a first bus master and one or more other bus masters.

1459828405-36829a40-d60a-4fd9-a05a-8e7feddba0d2

The present invention is directed to a crossbow operable for shooting missiles. The test element has a substrate and a microfluidic channel structure, which is enclosed by the substrate and a cover layer. The protrusion is disposed in an area between a center hole and a clamping area where the optical data recording medium is held when reading and/or writing data in the signal recording layer. Thus the principle of an energy see-saw is implemented. Techniques for properly locating the cannula with respect to the target tissue, for protecting non-target tissue, for regulating heat generated by x-ray emitters, and for combining therapies are disclosed. Several variations in contoured faces, including tongue and groove contours, for the mating surfaces provide for a smooth and clean looking skirtfascia board on a finished stairway.

1459828406-2c3f2bbc-6f06-4369-9d73-aa57271a2399

A composite material useful for the manufacture of a circuit has a support layer, a metal foil layer having opposing first and second sides and a thickness of 15 microns or less and a release layer effective to facilitate separation of the metal foil layer from the support layer, the release layer disposed between and contacting both the support layer and the metal foil layer. Even if the phase-locked loop is used to generate the low frequency local-oscillation signal only, a frequency offset and a phase noise taking place in remaining high frequency local-oscillation signals are compensated for or canceled out. Criteria may include a total amount wagered, a total number of handle pulls completed, or a total amount of time spent at a gaming device. , a side surface, which are oriented with respect to each other to define an acute angle. A vent gas pressure regulator is fluidly connected between the vent gas supply line and the mixed gas outlet line.

1459828406-c45030a2-2886-4df0-8255-1d46241e83de

A particular method includes detecting an interaction event using an event capture object of a rendered display of a graphics file. The cosmetic composition includes an aqueous phase, an oil phase comprising a water-in-oil emulsifier, and an oil stabilizing component. The first reflecting device is an ion accelerator which functions as both an accelerating device to provide the initial acceleration to the ions, and a reflecting device to reflect the ions in the subsequent mass analysis.

1459828407-6fb7c69b-a132-41ff-8bfb-bb8fdfd093a6

A furniture module having a support surface and at least three legs extending therefrom. A radiation source supplies EUV radiation having a certain dispersion angle. A protecting member is arranged in the bottom portion and insert molded using a material having an anti-wear resistance characteristic that is superior to that of the resin. Barriers formed on the posts prevent contact of the flexible circuit with the circuit board until the contact fields are properly aligned. A fast scan angle compensation is used by the mobile system of the aircraft to implement another control loop to further adjust the transmit power.

1459828407-b41fd536-191a-4b6c-839d-820a0ef30c68

The invention relates to an application adapted to run on a client apparatus connectable with a server across a network. A filament including a filament bulb and a reflector of a substantially hemispheric shape is arranged in a lower part of the housing. An authentication request for access to the electronic information is sent from the first computing device to a second computing device.

1459828407-d279af9e-5169-44bc-bb2c-69f45392a173

An apparatus includes an extractor, a first subtractor, a second subtractor, a third subtractor, an offset generator and an adder. They are made of a first constituent with high crystallinity and at least one second constituent, compatible with the first constituent, and of crystallinity that is lower than that of the first constituent. At least one of the housing portions supports an electronic tag. Similarly, the upper step surface is adapted to receive a second light-panel so that the second light-panel lies flush against the upper step surface.

1459828408-01cc26f2-eeec-46a4-92d5-0d3fbb958e4b

A process for producing valve metal oxides, such as tantalum pentoxide or niobium pentoxide with a narrow particle size distribution within a desired particle size range, is provided. The base substrate has a filtration efficiency of about 35% to less than 50%, measured in accordance with EN 1822 test procedure A nanofiber layer is deposited on one side of the base substrate. Based on the information provided through the interface, various financial and engineering rules are employed to identify an optimal system configuration and to provide cost and revenue information with regards for that system. A method of applying the sheath to the prongs uses a pair of jaws to drive the sheath onto the prongs. The controller is configured to activate at least one resettable restraint device when one or more of the data signals exceed a first threshold, indicating that the vehicle is in a position or undergoing movement that indicates a potential for vehicle rollover, and to de-activate the at least one resettable restraint device when one or more of the data signals fall below the first threshold. The controller processes the output of the addressable module responsive to the address signal to make a failure diagnosis.

1459828408-319edfc5-6d11-4200-93b2-3b065a48b683

A method for initializing a computing system comprising a plurality of devices which communicate on a communication link comprising a plurality of independent point-to-point links is provided, each of the point-to-point links interconnecting a respective pair of the plurality of devices. The promotional apparatus includes a base and a display panel that is movably secured to the base for rotational movement about an axis between a substantially vertical display position and a substantially vertical non-display position. In a first section, fuel, oxidizer, and possibly water are supplied to the high pressure combustor at a combustion section of a vertical vessel. The filter bends out of the way of a plumber's auger. Each support mechanism is coupled between the support belts and provides stability to the user's body. Thus, it is possible to realize a compact and high-image quality small zoom lens that is suitable for three-CCDs.

1459828408-5bfa7ebb-2ff1-4ee2-927e-9b97aea60002

An electric motor apparatus comprising: a rotor; and a stator formed of at least two stator components, each of the at least two stator components having a substantially hollow cylindrical form. In accordance with the described method, the specimen is moved relative to an imaging system comprising a microscope and camera in a predetermined path while the plurality of magnified images are captured. The nanofiller comprising a surfactant wherein the surfactant has the structure of N+ wherein R1 is benzyl derived unit, which may or may not be substituted, wherein R2 is selected from C1 to C26 alkyls, C2 to C26 alkenes, and C3 to C26 aryls, and wherein R3 and R4 are the same or different and are independently selected from C9 to C26 alkyls, C9 to C26 alkenes, and C9 to C26 aryls. Responsive to  $u_{212}V_{gs}$  conditions on a gate of the protected transistor device, the series coupled isolation diode element prevents a forward biasing of the drain-source junction of the ESD transistor prior to a breakdown condition of the isolation diode element. The colored speckles are comprised of a salt or salt-containing carrier and a coloring agent and are characterized as being substantially uniformly colored throughout the cross-sectional volume of the speckle. In addition to the disclosed

general algorithm for arbitrary coherent noise, a specialized algorithm for random noise is disclosed.

1459828408-94b106ef-a244-431a-b64a-0471ad9b6965

Disclosed is a novel method for synthesizing pyrazolobenzodiazepines of formula I using intermediates of formula Pyrazolobenzodiazepines of formula I are useful in the treatment and control of solid tumors. A calibration function is determined from a relationship between values of an input quantity and values of an operating parameter of the source by applying different values of the input quantity to the source. The plurality of RF) transmit sections is operably coupled to convert the plurality of transmit baseband signal streams and the at least one cyclic-shift delayed transmit baseband signal stream into a plurality of RF signals.

1459828408-ad209579-f6f6-4149-bd45-2f13773c7f8d

A coated article is provided which may be heat treated in certain instances. A region specifying component specifies one or more playing regions for generating predetermined sounds in an image represented by the moving image data that have been acquired by the acquiring component. The p+ implanted regions may be formed before and/or after formation of the collection gates.

1459828409-90962664-0532-4452-a16d-03065b2e74ff

A connector that is configured to be installed on a printed circuit board and electrically connected to an external terminal is provided. A select data track of a storage medium is scanned for a defect. The glass of the present invention can have a soda-lime-silica glass base portion, with major colorants that provide the blue color. This new Raman spectrometer may be used to detect less than 40 ng of ammonium nitrate deposited on the silicon surface with the signal-to-noise ratio better than 50 during 0.

1459828410-b497969b-b5ee-42d0-8e39-a17b473b266e

A data processing system using a client-server configuration includes a method and apparatus for simultaneously generating multiple copies of data sets in multiple storage pools. The method for node recovery according to the present invention makes use of an old version of a fragment in a failed node. Retransmission of the second data block may not be performed until uplink scheduling control information on the second data block is received. Additionally, the install flash program is used to install media stored on a removable storage device onto the internal hard drive. The method further includes transmitting, at an access point, the compressed beacon.

1459828410-cd070f67-b1b4-4cd8-911a-096a7b79f6c7

A playback apparatus includes a storage unit and a processor. The upper piston part has a circumferential ring belt provided with ring grooves, the inner wall of which delimits the circumferential outer cooling channel. Each of said first and second terminal groups comprises at least a base portion and an opening portion thereon. At least two anterior traction slings are provided that extend across an intermediate portion of the bracing rods. The task metadata may be a part of the collaborative task and identifying the collaborative task as a part of a process.

1459828410-da1633c6-2864-4342-9abe-eef68401843c

An assembly for coupling an external optical component to a portable electronic device is disclosed. proprietary inbred maize varieties. This effectively avoids a need for more tedious registration of authorized remote control transmitters in systems where the control device 11 interfaces with a movable barrier operator 12. Methods for producing a maize plant containing in its genetic material one or more traits introgressed into X95A928 through backcross conversion and/or transformation, and to the maize seed, plant and plant part produced thereby. One embodiment of the invention relates to forming an assembly using different sized blocks in either a flexible or rigid substrate. An injection-molded part is injection-molded to an

outer surface of the tube component in an area of the support body.

1459828411-25ca2248-d6cd-481c-9748-7483f95877a3

Aspects of the present invention relate to an apparatus for converting a container into a smart bottle. In accordance with the invention provision is made for the tube hopper to be arranged in the drilling direction above the drill drive and to be connected to the drilling tube. It is then determined whether this cell site assignment results in secondary criteria being exceeded. A prompt measure to a trouble in production is made possible based on the information such as the position of the article. The invention includes cementitious mixtures and hardened concretes resulting from the method and fly ash treated with sacrificial agent, or air entrainment agents sacrificial agent combinations, and processes for selecting suitable sacrificial agents. The traffic shaper also provides very high resolution in terms of bit rate specification.

1459828411-d4c3ea40-73c5-4d3e-bc35-89b6ddcb92b0

Compounds of Formula I are useful for inhibiting serine protease enzymes, such as TFfactor VIIa, factor Xa, thrombin and kallikrein and have improved pharmacokinetic properties. During execution of a graphical program generation program, the GPG program receives program information specifying functionality of the graphical program to be generated. The trans-compression types and capabilities of the first and second gateway devices are determined and used to generate a set of negotiation parameters. The volumetric ratio is between 1:100 and 1:150 for methanol to phosphoric acid, and between 1:100 and 1:150 for ethanol to phosphoric acid. Adjusting the pressure controls the asphericity of curvature.

1459828412-30b798ed-3e91-405c-b6c9-e4cb0361dbf8

The optical image stabilizer includes a first movable part including a first lens having one of positive and negative optical powers, a second movable part including a second lens having the other of the optical powers, and an actuator driving the first and second movable parts in the directions opposite to each other with respect to a supporting member. The retainer includes an interface coupled to the flap and configured to provide an interference with the base and a member coupled to the interface and configured to engage an edge of the base to eliminate the interference when the flap is moved to a closed position. The division of quad regions may be dependent on a maximum number of listings per quad region and a minimum size for any one quad region. Connector contacts are disposed in the connector assembly housing and electrically couple to the electronic subassembly. A color-fill system may be applied over the top fill layer, and one or more layers of a color mix may be applied over the color-fill system. by means of linear regression, from the correction factors of the similar product data records.

1459828412-aeeea759-8099-4c8d-917c-ffed43c06b3d

This invention relates to the reversible protection of hydroxy-silane functional groups by acid cleavable protecting groups. To do this, the signal analyzer observes a pattern of zero crossing slope values of the three line-to-line voltages of the three-phase power system and observes a pattern of zero crossing slope values of the current in the three power lines. Documents or document summaries relevant to the given factoid category is next collected from the text repositories. The device is symmetric so that it may be pulled in either direction.

1459828412-c6110b33-2bd4-43ba-89dc-ceb5c0af792c

A system and method for detecting and reducing mosquito noise are disclosed. Also disclosed is a composition comprising desulfurized, cracked-gasoline wherein the desulfurized cracked-gasoline comprises less than about 1 ppmw thiol compounds and less than about 1 ppmw tetrahydrothiophene compounds. The existing entry after having had its size attribute modified references a consolidated page comprising the existing page and the new page. The compressible layer contacts the booster rocket along most of the length of the booster rocket to distribute applied



pressure, nearly eliminating bending loads.

1459828412-d930f94e-aaed-4bbb-96b1-9a750db3079b

In general techniques are described for allocating global identifiers to forwarding units of a network device. The rocket engine nozzle assembly may then be sealed. In accordance with the invention the current-supply means are so disposed, and the ratchets are so constructed, that current flow from the current-supply means to the electrode components is possible only in the closed position. A master resource object located on the master node grants locks to shadow resource objects located on the nodes on which are located the processes that desire to access the resource. Three angle-adjusting bolts respectively insert through the screw holes to abut against the rounded indentations.

1459828413-05dde7a3-9957-4d90-b736-ce9daab8810e

A photovoltaic device having a crystalline semiconductor and an amorphous semiconductor thin film so that junction characteristics can be upgraded. The invention further provides a preparation method of the red fluorescent material, and an electric light source prepared from the red fluorescent material and a preparation method of the electric light source. Another aspect includes performing a scrub read of an address in the plurality of memory channels.

1459828413-f1b79554-8480-4510-bc95-5a4dd506a18c

A slew rate regulation circuit varies a slew rate of a waveform of a voltage outputted to a DC motor through a N-channel MOSFET. The pharmaceutical composition can be packaged in various tablet forms, including standard tablets and multiple pellet tablets. Through the processes of collecting call detail records and their correlation in representative embodiments, various call \u201clegs\u201d associated with the same call can be identified, and a more accurate \u201ccompound\u201d call record can be made that incorporates call routing information obtained from the individual call legs. The generated and updated CRM data is transmitted to the user's terminal via the communication network such that the CRM data is stored in the user's terminal. A detection means to signal the end of an ongoing CMP cycle. 6 to 12 times the height of the upper blanket zone.

1459828414-06386f49-dd1b-4acd-96b3-a519b420e4fc

There is provided a storing case adapted to be disposed on top of an amplifier, an amplifier head, or an amplifier stack. The first totem pole driver stage includes at least one PMOS pull-up transistor and at least one NMOS pull-down transistor therein that are responsive to a first pull-up signal and a first pull-down signal, respectively. A printhead and ink supply module is contained within the body and includes an elongate printhead integrated circuit which extends transverse to the path. According to another aspect, an IC includes a register corresponding to each partition to support transition fault testing. At the top of the QWIP-LED wafer an optical coupler such as a diffraction grating for coupling at least a portion of incident MFIR light into modes having an electric field component perpendicular to quantum wells of the QWIP is provided.

1459828414-2d20c00c-80c7-44d0-8937-78965530910d

A method of adjusting or locally modifying the direction of magnetization of a ferromagnetic layer in a magnetoresistive layer system using a heat stamp is described, the ferromagnetic layer being stabilized over an antiferromagnetic layer. Disclosed embodiments include a central zone hosting an inventory system. The supports also releasably receive flanges on electrical components for direct mounting of the components.

1459828414-483a0cdf-10b4-4122-9d8d-3b2c23388c22

A nonvolatile semiconductor memory device in which a memory cell life can be prolonged while making it possible to perform writing in units of bits. This invention thus relates to the seeds of soybean variety XB29M08, to the plants of

soybean XB29M08 to plant parts of soybean variety XB29M08 and to methods for producing a soybean plant produced by crossing plants of the soybean variety XB29M08 with another soybean plant, using XB29M08 as either the male or the female parent. During the period where the fuel concentration of purge gas is expected to sharply decrease, the concentration updating base value is increased.

1459828414-d033b123-161f-4816-b558-28bf98068ba0

A method and apparatus for controlling electrospray deposition comprises using electrical variable waveforms from the ESD process as a feedback parameter. The hollow partitions and transverse walls define baking pits within the bays for stacking carbonaceous articles therein. The optical detector is configured to detect the pulse output via an optical port of the electricity meter. An acidic antioxidant for prevention of oxidation of the active, sensitive encapsulant, and a plasticizer which solubilizes the acidic antioxidant are included in the matrix material which encapsulates film-coated oil droplets containing the readily oxidizable component. Information for the selected subpackage, which may include a summary and metadata, is used to determine whether the subpackage satisfies an information need. More specifically, the applicator includes antiseptic solution in amount sufficient to be applied to a desired surface and to have an antimicrobial effect on the desired surface and a porous element.

1459828415-2a85f034-3fe8-4ae7-a685-58e34f94bfba

A grease supply confirming device confirming the supply of a grease into a bearing, according to the present invention includes a detecting member an elastic supporting member and a movable body. More specifically, the present invention relates to an absorbent composition comprising a liquid absorbing material, at least one alkaline earth metal peroxide, and an acidic material. The outer valve has an outer valve body pressed by the male connector and opened in a case where the male connector is inserted into the insertion opening. The presented invention further includes a method of treating or preventing an HIV-1 infection in a mammal in need thereof using the compositions described therein. By thinning the spacer before the epitaxial layer is formed, the present invention could stop the epitaxial layer to grow against the sidewall of the spacer, thereby preventing problem such as Ion degradation. To this end, media separating means is arranged between the nozzlesnozzle rows for applying cooling medium to the rolls and the nozzlesnozzle rows for applying base oil to the rolling stock.

1459828415-50d25e5a-f2bf-4249-8831-a45a03090fc2

A stereoscopic camera module includes two lens modules, a light guide assembly, an image sensor, and a processor. An external bus is shared between external and emulation memories. Voxels contained within the medical image are classified using a spatial constrained fuzzy clustering algorithm. The transformer has a bi-directional magnetic circuit. Finally, a set of characteristics is identified for the set of interest points. Also provided are methods and systems for inactivating Aze in food and byproducts, as well as other methods for the diagnosis, prevention, and treatment of disorders associated with Aze.

1459828415-57b8f047-3b17-4d59-9680-5e332175b597

The present invention provides a compound, system, and method for retrofitting and converting standard bicycle rims and tires having tubes to be tubeless. In an embodiment, the apparatus and method comprises a wiring closet which has power supplying capabilities for providing power to a plurality of conducting pairs. Holes are then subsequently punched between the previously punched holes at intervals A without removing the die punches used to form the previous holes. , N-acetylcysteine, or a leukotriene blocker. The oil pump generates an oil pressure by rotation of the selected one of the engine and the turbine.

1459828415-f832fbe7-25b5-4c1d-8082-dcf0c9bd463e

Methods and systems for contacting a crude feed with one or more catalysts produces

a total product that include a crude product are described. The clutch guide is provided with a support section which supports one axial-direction end section of the coil spring from a side opposite to the clutch cover in an axial direction of the clutch guide. Alarms are transmitted to telephones and beepers. The spring contact is disposed in a mating aperture formed in the substrate. Such methods are capable of removing contamination from the Fischer-Tropsch product stream such that plugging of the catalyst beds of a subsequent hydroprocessing step is substantially reduced. The magnetic material layers are layers of a magnetic material having multiple metal grains constituted by a Fe<sub>2</sub>Si-M soft magnetic alloy and oxide film formed on the surface of the metal grains.

1459828416-57f30220-2bd5-4661-93bb-10c78e8013c9

A glass handling system and method are described herein where an enhanced robot is used to engage and hold a glass sheet in a manner that minimizes the motion of the glass sheet as it is moved from one point to another point in a glass manufacturing facility. The first user equipment may have first capabilities different from second capabilities of the second user equipment. A drive belt engages the drive pulleys for driving either pulley from the other. A third VLAN status message that associates a second VLAN identifier with the first node is then processed, wherein the third VLAN status message was generated in response to a second bind request message that associated the second VLAN identifier with the first node, and whereby the VLAN status of the first node is updated.

1459828416-75af98a1-ae8b-4f88-be92-fe61d3bdd01a

Anti-theft protection system for a motor vehicle, and a method for operating an anti-theft protection system. Over the sub-base layer is an incompletely impermeable layer the impermeability of which is compromised by openings in the form of slits or by spacing between adjacent strips forming the layer. A spring presses the tip seal against the tank shell. In a second embodiment, a continuous groove-like torus cavity is located in the radially innermost surface of the bead in the proximity of the bead toe. Data is thereby programmed into the selected memory cell.

1459828416-aaae6e65-f8f4-498c-92bf-8fa2a29217ea

A photoelectric sensor includes a light-emitting element and a light-receiving element and detects a mark on an object. Each key switch is operable to couple a scan line to a sense line. At least one of said portable computers comprises a wired protocol module enabling the portable computer to communicate using a wired protocol; a wireless adapter for converting the wired protocol to a wireless protocol; and an antenna coupled to the wireless adapter.

1459828416-fff6a8a7-cc4f-448f-b854-2103ab7804eb

A baking oven for producing baked molded products. This abstract is not to be considered limiting, since other embodiments may deviate from the features described in this abstract. The method may also include provisioning packet switched-based network interfaces on each of the pair of network elements. A substantially flexible lumen is coupled to the cassette. A dynamic average of the bandwidth usage of each priority category is maintained. The bearing piece has a first contact area co-operating with the cam profile to give the hinge at least one stable position, and provides a lock for the hinge when a position of excessive opening is reached.

1459828417-161cc5c1-15ca-4511-892d-6d1ca56944f2

The invention is a device and a method for eliminating vibrations of a mechanical structure with at least one electromechanical converter material that is actively connected to the mechanical structure and connected to an electrical circuit with at least one electrical impedance. The base has a through hole, and the electric circuit is arranged in the base. As such, an energy consumption problem in a sensor network may be reduced, and a data transmission delay problem or a data traffic

problem may be solved by reducing the amount of data to be transmitted. The port is concealed under a label, cover, or in a location that limits access by the device owner, such as the battery well.

1459828417-4e0cc8c3-f542-45a4-8c67-b6aa54312080

A molded insert for attachment to material of a cover intended for outdoor use to cover an article has a front face, a back face, and a plurality of openings through its thickness. The method has three main stages. The function is not computationally complex, and thus accurate estimates of end-to-end delay may be obtained more quickly and therefore be made more useful in real-time network administration. The movement of the cone is locked to prevent reversal of its motion when the packer is set. The expiry time of the message may periodically be compared to the current time to determine whether the message has expired.

1459828417-6a00d6c9-77f3-4398-8b99-a5e5460c30fe

A method by which a halogen atom of a halogen compound can be efficiently replaced with an electrophilic group. The device includes a first compartment suitable for containing a first product, and a second compartment suitable for containing a second product. If the distance is below the predefined distance threshold, the proximity detection module determines, using a capacitance sensor of the user device, a capacitance value associated with the object.

1459828417-7a2e7d42-cff9-4dd8-9f6b-c50f9c7a3476

A method for inspecting packets is disclosed. Using the reference image, the computer vision system detects discrepancies between objects of interest in an input image and the expected object from the reference images. 1 m2g or more and/or an average diameter of 20  $\mu\text{m}$  or less, at a temperature ranging from 25 $^{\circ}\text{C}$  to 120 $^{\circ}\text{C}$ . Another method includes attaching flanges to a set of permanent structure members that form a permanent geodesic dome structure. The resist composition forms a coating having a thickness uniformity, free of defects, and wettable with an aqueous base developer when applied onto a substrate, and has a good storage stability in that particles do not increase during storage in solution form.

1459828417-d5381a19-119a-4f55-ab2f-d6390d5c08a8

A system and method of managing applications and event notifications using a cursor-based. The bat has a handle of a heavy, strong wood such as hickory, to resist breakage, and a barrel of a lighter wood such as sapele, to facilitate a controlled and comfortable swing. A selection possibility is then offered for reducing the phase coding steps and enlarging the field of view and, if selected, the phase coding step width is automatically reduced. The group of memory cells is erased, following soft-programming, resulting in a reduced threshold voltage distribution associated with the group of memory cells. This permits a number of appropriately configured RAM devices to be combined to produce a deep and wide RAM circuit without requiring the use of additional logic blocks, such as buffers, inverters, and multiplexors that reduce the speed of the circuit. The backplate and the substrate are placed within the cavity of the second mold portion and the support pedestals are in contact with the first side of the substrate.

1459828418-4e4ffcd1-e89f-4abc-9e76-31340545a187

Disclosed herein are an adhesive sheet comprising a cured acrylic polymer, hollow polymeric microspheres dispersed and ruptured in the cured acrylic polymer, and hollow parts formed by rupturing the hollow polymeric microspheres dispersed in the cured acrylic polymer, and a preparation method thereof. The electrical power generation apparatus includes a winding mounted to one of the shafts and a field array mounted to the other of the shafts adjacent to the winding. This prevents the problem involved in production of balls of small diameter wherein such balls adhere to an apparatus during production thereof, thus hindering smooth progress of the production process. Each sequence can cause the processor to generate a

corresponding set of control signals adapted to enable the communication device to communicate in one of a multiplicity of communication formats.

1459828418-6bc0fb36-dfdb-4092-b957-fc9e52c3aee4

An RF power amplifier having reduced memory effects is disclosed. The tag unit stores different serial numbers in the respective storage sections. Gases become visible in the image when they attenuate the illumination creating a shadow in the image. A first set of signatures are used to encode ACKs and a second set of signatures are used to encode NACKs. The DRM server determines access rights for the requested content responsive to the capabilities of the client and the policy.

1459828418-6eef8349-00bd-4a3b-84db-e0052c204a46

A contact pin comprises a plunger contacting an electric part, a bottom contact portion electrically connected to a printed circuit board, and a spring urging the plunger and the bottom contact portion so as to separate from each other, in which at least one of the plunger and the bottom contact portion is formed by press-working a plate member. Then, a flow path-switching valve is rotated to switch a flow path to make a flow of mobile phase liquid pass through a loop to thereby introduce the collected sample into a column. The membrane disk is fitted radially outside the valve's seat with apertures leading to a discharge space. The resistive state of the memory cell being read is indicative of the data bit stored by the memory cell.

1459828418-a0585b69-d224-446b-aa9c-51286084b2f3

A first housing member has a catch member that engages a catch feature on an inside surface of a second housing member when the housing members are assembled together. The curb components can be fitted together to lay out the positioning of glass blocks, such that a user can lay out potential designs for glass block walls prior to constructing the glass block wall. In a subsequent sequence wherein the player can selectively keep an award or attempt to sequentially exchange or trade up to a point or award total that enables the player to obtain a final and desirable ultimate award. The hybrid has excellent properties, such as a good film formation property, a high gas selectivity, a low dielectric constant, a good resistance to scraping, and a good transparency, etc.

1459828418-cfe5198b-09d0-4bfd-9679-a8137f374d6e

A digitally based system is designed to sense temperatures at a plurality of places and transmit temperature data along a hard-wire cable or distributed network to an integrated data collection and control appliance. The method comprises saving to the server device a configuration state of the client device, the saved configuration state comprising client network interface configuration information, and a file of the client device. The pressure sensing means displaces the first valve body to decrease the opening degree of the first valve hole according to the increase of the pressure difference when the first valve hole is part of a bleed passage. A second message is transmitted to the first computer using the Push or Pull protocol, the second message comprising data retrieved from the address in the first message. The triple correlation and its Fourier transform are used to obtain the magnitude and the phase of the ultrashort optical pulse intensity in the frequency domain, and the intensity of the ultrashort optical pulse in the time domain  $I$  is determined using the magnitude and the phase by inverse Fourier Transform.

1459828419-18b78760-cc5f-4137-96f2-2a261f849670

According to one embodiment, a semiconductor memory stores a program for causing a memory controller to operate in at least one of first and second modes. These methods provide accurate and clear audio driving directions in a manner that is easy to use. A slide is received in the sliding groove and includes an arcuate sliding face slideable along the sliding wall. The scan lines and the data lines are intersected to define sub-pixel regions. The deflection mechanism is configured

to generally define a plane along which deflection most readily occurs and an edge along which deflection is most readily avoided.

1459828419-5213c093-5f35-40ea-b2a9-be098f0cba21

A method and system for controlling the transmission power of a terminal transmitting frames in a wireless communication system, the frames having a frame structure including a header field containing information related to a transmission rate and length of data transmitted in a frame and a data field having the data. Also provided are methods for making the ink jet inks and edible substrates having the food grade ink jet inks applied to a surface thereof. More specifically, numbers of pixels to be selected are 2400\xd71800, 1280\xd7960, and 640\xd7480, and compression rates to be selected are Fine, Normal, and Basic. When the power transform device is under the high-load mode, both the first and the second spike noise snubber circuits are used to absorb power so that electromagnetic interference is relieved. The gesture module recognizes an input gesture based on the relative positions and whether or not line segments intersect.

1459828419-8c95b1e2-a181-49eb-8f7d-b4172150f443

A connector is capable of mating with a backplane. In a cavity formed in a metal mold for an injection molding, there are arranged a first gate injecting a first molten resin anteceding in one end side in a longitudinal direction, and a second gate injecting a second molten resin following in another end side. The second image is an image in which a depth of field or a focusing position, or both, are different from those of the first image. This can lead to increased nitrogen oxide emission both during the regeneration itself and after the engine has been switched back to lean-burn mode. This resilient lip maintains an elastic engagement with the vehicle body to shelter the double-sided tape from exposure to elements.

1459828420-055ac39d-b1e1-485c-a43a-d3945444c381

In an embodiment, a first device detects a first interaction between the first device and a second device. Furthermore, the invention is also related to the operation of Node B and relay node regarding the generation, transmission and reception of such special sub-frame format. When the encrypted code is in a first base, the plain code corresponding to the encrypted code will be transmitted with a first baud rate; and when the encrypted code is in a second base, the plain code corresponding to the encrypted code will be transmitted with a second baud rate.

1459828420-7e150e60-9789-4498-a537-4ae2b1e19da7

A process of extracting procyanidins by alkaline hydrolysis. The extension screed portion includes a variable length coupling portion arranged in a manner sufficient to permit modifying the overall length of the extension screed portion such that the screed assembly may be extended to a maximum overall width that is twice that of the minimum retracted width. The wafer has a first layer of monocrystalline semiconductor material adjacent a first surface of the wafer. The electrical signal in turn is calibrated by generating calibration references from the swept optical output using known absorption lines within the defined range of interest.

1459828420-80abb1f1-6460-4a88-99c6-589941870da1

A semiconductor radiation detector includes a body of semiconducting material responsive to ionizing radiation for generating electron-hole pairs in the bulk of said body. The aircraft includes a power plant mounted on the airframe producing exhaust during operation. There is described a method, apparatus and a computer program product relating to the processing records in a telephony database. The one or more semiconductor manufacturing processes provide one or more material layers having an intrinsic stress at the semiconductor structure.

1459828420-f47b4062-0d07-454e-8a07-d41fe9e32638

A well cementing composition comprises an hydraulic cement and flexible, acrylonitrile-butadiene copolymer particulate material. A digital image is created

of the calibration pattern, and the edges of the pattern are detected. A controller automatically selects and inserts into the video stream the audio and video of the speaker. A single pull-down stack of transistors connected to a memory cell latch loop provides a read port with low input loading. The received out-of-band signal may be processed via the integrated circuit. A cost value indicates a distance between two points of a set of points, where the set of points comprises one or more start points, one or more end points, and the waypoints.

1459828421-39ae509f-d747-4bc1-a492-56a2cb690a8d

A modular smoke detector has a sensing electrode carried by an insulator module. Carefully synthesized nanostructures are formed to exhibit a large number of defect states within the bulk of the nanostructure. The chuck of the chuck device is located at the center position of the bottom area of the space. The sub-wavelength segmentation can be applied to the spaces or to the lines, or both, of an alignment grating to control the phase depth of the grating. 40 hrs and having two or three film-coatings on the core, the second one containing an amount of the non-sedating antihistamine, desloratadine, effective to provide a geometric maximum plasma concentration of desloratadine of about 2.

1459828421-6370c957-67bc-45e2-bbd7-2d0f0ed43fa2

A high density RF plasma source uses a special antenna configuration to launch waves at frequencies such as 13. The holding device being attached to the room by way of a supporting device. In addition, a circuit provides a pull-up boost current on a transition of the signal selecting the driver that turns off the fighting current, and applies a boosting current pulse to the control node to assist pulling the control node quickly to the first source voltage. A configurable output stage is connected between the internal wiper node and the third signal terminal.

1459828421-8dfa6784-465c-445d-b5a2-d6ca00c9064a

A system and method for producing multiple syngas products. The aperture layer and feed-network layer may be comprised of a low permittivity dielectric material. A protective coating is deposited on the inward-facing surface of the phosphor coating. Better TIM thermal performance and quicker manufacturing result.

1459828421-b86ee6cb-2d80-41ac-92ab-8548bedc86b0

A messaging model and node induction methods and corresponding devices and systems are disclosed herein that are effective to enable an inductor node to induct an inductee node into a distributed computing system and to enable the inducted node to carry out predetermined tasks. The ECU is connected to an engine, sensors, and a MIL. When the cover pivots in a second direction opposite to the first direction, the compressed first spring will facilitate the cover to return to its original position. Each of the two D latches is configured as a master-slave flip-flop that includes a master D latch and a slave D latch. The inspected region corresponds to regions in the master medium including two or more data information regions adjacent to each other in the same track position via the servo information region.

1459828422-421d6ac1-cf5b-48da-b1e9-4a1f88eed4c9

To address the need for a method and apparatus to more efficiently facilitate dormant mode, packet data mobile handoffs, the present invention provides more efficient messaging between the BS and MSC involved in the handoff. The bracket section is integrated with and projected from an exterior of the casing assembly. The copolymer is substantially free of maleate or fumarate monomer segments and the copolymer composition is substantially free of Lewis acids and transition metals.

1459828422-5aa13e12-c7d9-4631-9a20-7c31b77090e4

A method may include generating a first shared secret for a present boot session of the information handling system and determining if a second shared secret existed for a prior boot session of the information handling system. The light sources are positioned to direct light in an upward direction to illuminate the container. The

system verifies the validity of the data before proceeding with processing the data. A body trench 25 is formed in alignment with an adjacent gate electrode 16. Without changing the external measurements of the valve an increased through flow is achieved in that a first section of the flow path leads through the interior space and a pressure space is arranged between the housing and the valve element, in which pressure space in the closed condition of the pilot valve a closing pressure is formed and applied to the valve element. The virtual disk data is backed up to a backup storage using the offset table from the storage snapshot.

1459828422-962703e5-9e5d-453b-8fe4-168c423500ed

A camera has a lens system that includes a lens barrel incorporating therein an image taking lens, the lens barrel being variable in a barrel length between a collapsed state in which the barrel length is relative short and a photographic state in which the barrel length is relative long. Each of the processor units is connected to at least one adjacent processor unit and has one control element and at least one communications interface for providing a data communications link with an adjacent processor unit. The method permits transfer of metals into the aqueous phase with little or no hydrocarbon phase undercarry into the aqueous phase. The second laser stripe emits a second laser beam.

1459828422-d6385a6f-e4a3-4283-9ab9-2417e2dc8170

A system for checking basic input output system read only memory data includes a keyboard, a display, a computer host, and a checking device. The semiconductor apparatus includes an input protection circuit coupled to a wiring provided between an external terminal and an internal circuit, the input protection circuit includes a protection element for protecting the internal circuit from an excessive electrostatic surge input supplied to the external terminal. The probe can also include an input ground to connect to the DUT ground and an output ground to connect to the test measurement device ground. Each generated key value is unique across the replication domain. A plurality of foldable legs are hinged to the bottom wall of the compartment to allow the table to be raised to a desired height in the deployed position or stored under a conventional bed in the retracted position.

1459828423-3db3b0ec-39e9-435e-a3c9-4751fa361c62

According to an embodiment of the present invention, a method is provided for hysteretic control of a DC-to-DC power converter system having first and second switches connected in a half-bridge arrangement at a common node and through an inductor to a regulated output terminal, wherein the regulated output terminal is connectable to an output capacitor and a load. In accordance with the method, during the start of the gas turbine, the generator is connected to the electrical grid via the frequency converter before the operating rotational speed of the gas turbine is reached, wherein the frequency converter is controlled such that it generates an output current with the grid frequency. The pumpmotor may be reliably assembled in the field while maintaining precise axial and rotational positioning of the rotor sections. In an intermediate state the cover frame is fastened at the door columns in another position as in the mounted state, so that the inner door panel is removable from the inner sides of the door columns. Corrective actions can be implemented in response to changes in the crepe structure. The processes of this invention include a transalkylation section and a disproportionation section in the benzene and toluene-containing feed is directly provided to the transalkylation section and in which a benzene recycle loop in the transalkylation section isolates the disproportionation section from C6 naphthenes.

1459828424-1b9cfd2c-4854-4ed3-b379-b898feaf70b2

Systems and methods are provided through which compare instructions in computer code are eliminated partially resolving the predicate of the compare instructions. The arrangement and method utilizes an alternator used, in one embodiment, to charge at least one battery for the electrical system and switches the output of



the alternator between a battery charging mode of operation and an auxiliary power mode of operation. At least one intermediate element is provided between the catch and the stop and is supported, when impinged upon by the catch, on the housing and on the stop. A locking tube has one end in the passageway in facing relationship to the retention assembly and the other end in engagement with the riser to prevent the retention assembly from moving out of the first opening of the passageway. The spindles are introduced into and guided in said slots and an upper end of the lever protrudes beyond the upper edge face of the end plate holding the roll, while at the same time facing the outer wall thereof. Although the meaning or purpose of the data may be similar or identical, the differences in data formats required by the various computer applications and platforms renders such sharing difficult.

1459828424-6908a0b7-3373-4a56-a12a-89ebf7b60109

The invention relates to a circuit comprising at least two parallel-connected light-emitting diodes opposite poled in a first parallel branch and comprising at least two parallel-connected light-emitting diodes opposite poled in a second parallel branch, and also comprising a capacitor and a coil. The unit includes a gurney, a detachable power unit for propelling the gurney, and a docking unit. The data calls are allocated varying portions of the connection's available throughput. As such, the occlusion sensor can be used to indicate when the fluid is flowing or not flowing, thereby permitting the infusion pump system to communicate an alarm to the user if an occlusion exists. The second product is a product of factors including a flow passage length along, a viscosity of ink in, and a fluid resistance coefficient of the ink return line.

1459828424-861d04f5-30c4-4ed2-a10a-0a106f56b8bb

A control system comprising an electrical circuit that produces distortion where the electrical circuit has a frequency band of operation. The integration network device receives a connecting request from the VDI user device. The seer lever pivots relative to the trigger housing. The originating PE is capable of receiving a message from a user PE, the message including a third knowledge digest encoding third configuration information related to the user VRF. If the first switching field is adequately higher than the second switching field, the first and second MTJ may each contain a data bit. The control computer calculates an average period of a binarized wobble signal and a variance of the period of the binarized wobble signal.

1459828424-cbe785ba-9837-4247-868d-90b27b3796ca

A magnetic recording medium, comprises a substrate; and a Co-containing spinel-type iron oxide thin film formed on the substrate, having a Co content of 1 to 20 mol % based on Fe, a coercive force value of not less than 159 kAm, a thickness of 5 to 200 nm, a center line average height Ra of 0. Therefore, frequency dividing performance can be greatly improved in comparison with that achieved using conventional technology. To prevent instability in the main loop caused by the duty cycle modulator and FIR filter, the delta sigma modulator also includes a stabilizer loop. The integrated circuit may be any type of integrated circuit that stores dynamic data, such as a memory device like a dynamic random access memory, DDR DRAM, SDRAM, or RDRAM, or other type of integrated circuit such as a microprocessor. This structure yields good adhesion between the three layers, because the third layer adheres relatively well to the first layer and the third layer and the second layer are mechanically bonded together relatively strongly by the anchoring elements. As disclosed herein, the present invention maximizes the extraction of information by incorporating a new generation of transmitted-reference transceivers that utilize a single reference pulse or a preamble of reference pulses to provide improved channel estimation while offering higher Bit Error Rate performance and data rates without diluting the transmitter power.

1459828425-5b1d672d-3d80-4e45-8459-ddcee6c23cdf

A system and method for controlling an Ethernet node's boot-up process. The warhead

effect modules are of modular design, and the various modules are secured to the fuselage or casing by securing devices and/or retention parts. Signal degradation data is calculated based on noise figure parameters, hardware parameters and environment parameters. A linkage is connected pivotally to the mainframe, the front caster frame and the drive wheel frame. Traffic demands are then routed across the links of the network in such a manner as to minimize the maximum value of link utilization. In one embodiment, the diagnostic method involves determining the expression level of TOM34 that discriminates between colon cancer cells and normal cells.

1459828426-0a1fc55d-3259-472a-9a14-7e91097afca9

The present invention provides methods and compositions for modulating cell senescence and cell proliferation using isoforms of the p53 tumor suppressor protein. The gas generator further includes a cap arranged for displacement along the inner wall and delimiting the igniter chamber, said cap having a cylindrical peripheral wall and a radially extending cover wall. A sponge is disposed distally of the seal and absorbs fluids that enter the seal housing. The filter device can be used to ionize the ionizable interferents existed in the air, separate the ionized interferents from the other components of the air under the influence of the electric field, and discharge the interferent out of the filter device, thereby reducing the consumption of the consumables or even eliminating the need for consumables. The cable coupling is configured to attach a cable to the pipe splitting assembly.

1459828426-0fc62e48-7889-42b9-aa67-5964276b9400

This invention discloses an ion implantation apparatus with multiple operating modes. The core is formed of a polybutadiene compound that produces a zero compression. The template is preferably a few monolayers thick. The lower substrate is then assembled with an upper substrate and has an LC layer inter-filled. The washing machine dries a small quantity of the laundry without application of any additional drying pipe or heater. The weighted plurality of feature segments may be superimposed to form a third feature.

1459828426-3031a8af-6706-4372-921e-894997014de8

A backlight unit comprising a boost circuit and a backlight element. The system provides real-time searching of large numbers of ccTLDs for each user so that during a single web session, the user can simply select the available ccTLDs from the resultant list, and purchase the desired ccTLDs online. The restricting member is provided on a supporting member for supporting the image-forming lens and the image sensor.

1459828426-95a76749-d7f6-4ebd-b16f-ba8d7b2def7a

An aircraft body structure is disclosed and has a skeleton frame including a plurality of interconnected frame elements. The fuel composition is prepared by a process and is useful in a process, where the fuel composition includes a medium that is a hydrocarbon or a nonhydrocarbon or a mixture thereof, to increase the efficiency of an exhaust after-treatment device of an internal combustion engine. From the pixel to be removed and the adjacent pixel, pixel data is generated by using a predetermined calculation equation. An electronic circuit measures the voltage drops and compensated accordingly operational signals passing through the terminals, the probes and the interfaces during the chip testing.

1459828427-1d0acada-9b1c-487a-995b-c2b26c6014ee

A tunable nitrous plate assembly for fuel injected 5. This bolt operates independent of the valve pin, which increases cycle speed and enables the governor to open and close at an optimum time in the firing cycle. Q-bits are formed without requiring a separate transistor for each Q-dot by multiplexing the calibration. Further, in the invention, terminal may be a set of user devices, the set of user devices includes one or more devices, each of said devices provides media

interaction capabilities for one or more communication channels, and each of said devices is mapped to one or more media objects in said SMIL document. The quality data is for the supplied component or provided service over a baseline time period.

1459828427-6ca8790f-4518-4f62-bef1-db29ed90d1c7

A closure is provided and comprises a body and an inset. Therefore, regardless of the rotational condition of right and left wheels, namely, even if one of the right and left wheels stops, the oil pump is driven by the driving force of the rotating differential case, thereby reliably operating the torque distribution mechanism. In one aspect the shared pixel unit circuitry may include a shared source follower transistor. The HDL files also include a statement that instantiates an instance of the Dial in association with the configuration latch such that a one-to-one correspondence exists between a value contained within the configuration latch and an input value of the instance of the Dial. In an exemplary embodiment, perforated end panels having diffuse, reflective interior surfaces may be provided over at least a portion of the inlet and outlet apertures.

1459828427-7fcb2b12-b63f-4f38-af65-19510cd0afd1

A compact, solid state, high voltage switch capable of high conduction current with a high rate of current risetime that can be used to replace thyratrons in existing and new applications. Vias through an insulating layer connect the driver cells to the memory elements. The wick trimmer is assembled as a cylinder inside a cylinder in which the inner cylinder has a steel blade at the bottom. Device performance is monitored throughout the burn-in process.

1459828427-b1f4260a-bfa4-4615-acc3-fb54c73ab9ef

Techniques are provided for optimizing multicast routing in a network. The system comprising a housing adapted to capture the fan therein. Compositions of the invention comprise at least one isolated peptide having a defined sequence of amino acid residues and the composition is capable of down regulating an antigen specific immune response to an offending antigen in a population of humans subject to the antigen specific immune response. The central bore is lined with an anti-skid material that engages the fishing rod such that the grip and the rod are not likely to move with respect to one another.

1459828428-04666d1f-8ccf-4a64-abdd-bfc9509449a0

A communications module that permits remote meter reading of a utility meter via a wireless modem that communicates using data packet networks along a communications system, such as ARDIS. The locking device includes a seating member and a posted member. A predetermined surface of each silicon arm is formed with a piezoelectric part, whereas a predetermined surface of the piezoelectric part is formed with a thin-film electrode. Other embodiments advantageously incorporate the method into methods for making PMOS devices.

1459828428-69bc766a-c19f-410f-88ca-5f2918215c93

A screen system for marine thrusters having at least one constrictor for reducing exit jet cross-sectional area to increase exit jet velocity of a thruster. The ECC duct includes side supports for preventing the flow-induced vibration in the annular downcomer, and has structural stability while thermally expanding and contracting. An embodiment of the present invention can be used as a retrofit device in a mechanism to encrypt information without causing undue interruption of normal operations. , provided as instructions for operating in a host computer system for converting a provided virtual processor model to a user virtual processor model. For projecting the images on a curved surface, the geometry of the images may be distorted using electronic image warping and/or lens-based optical distortion.

1459828428-c99538c2-710c-49a5-acaf-94d9d3737804

A connector guide mounted in front of a receptacle connector is provided with a

latch that engages a connector mounted on a circuit board when a mating connector is inserted into the connector on the circuit board. A second thread may be initiated to take over the performance of the real-time task on a second core of the multi-core processor while the first thread is performing the real-time task. A magnetizing assembly includes a plurality of magnetizing coil units.

1459828429-bc25fbd5-fa90-4ef1-b901-9be9f734737b

A garment for infants comprises a comfort component serving as a base, a plurality of signal transmission paths integrated within the comfort component; and at least one interface that provides a transmission path between the information infrastructure component and an external device. A list of recipient audio clients is built for receipt of the multicast audio data over the power line communication network. The accelerometers and the gyrometers are connected to the flight control computer and their measurements serve as flight control parameters. The comparators read a 3D image signal and compare this 3D image signal with a reference signal to obtain a color code value by decoding. A sealing portion 19 is formed by fastening the union nuts 6 to the end portions of the lid members 5 to press the tube 4 from the outside of the tube 4.

1459828430-21e80512-9262-42d3-9fb0-8d485e3c3054

A method and apparatus for extracting a representative sample of water, oil and sediment from a container. The device includes a substrate member. The markers are associated with tests identified in a requisition received with the sample and some markers may be associated with unrequisitioned tests. The method consists of computing the coefficients of a tenth degree polynomial and subsequently finding its roots. A backlight module using the point light source is also provided. The hemostatic valve has a passage extending therethrough, and includes a sealing flap movable between an open position relative to the passage and a closed position relative to the passage.

1459828430-35a744c3-79ff-40a3-a6cc-af2d5831ec84

Super lattice structures in conjunction with a tunnel junction to provide an improved contact for multiple components. The two devices are included in a network, such as a mobile telephone network. Thereby, the vent valve substantially regulates the flow of gas through the washout vent over a range of gas supply pressures. The indicating data is at least partially indicative of the identity of the at least one region and at least one of movement and a position of the sensing device relative to the at least one region.

1459828430-626bcda3-c253-4c2e-9c63-bbfbc6b8cd5d

An apparatus and method are disclosed for determining an empty condition in an item of media container. The transaction terminal produces current transaction data that includes customer identity, and goods/services being purchased and their prices. Using the device, users can quickly and efficiently access movie information without having to type in information, or specifically request the movie information to be downloaded to the device.

1459828430-7104a685-d281-4128-8304-6672239e28c6

A hook member of a vehicle seat lock engages with a striker fixed to a vehicle body. Also disclosed for firearm projectile assembly apparatus is a pressure shield; and a non-discarding attachment of the pressure shield to the bullet, such that after the projectile assembly is fired from a firearm, the pressure shield does not discard from the bullet during the bullet's flight to a target. The controller sends signals to the repositioning motor to move the ambient air exchange door to a position which produces the required ambient air exchange rate to preserve the load.

1459828430-8c872b54-52d6-432e-9b43-e20ca569404c

A semiconductor device is formed of two or more dice of similar dimensions and bond

pad arrangement, in which bond pads are located in fields along less than three edges of the active surface of each die. The system includes an electronic control unit configured to receive a control signal generated in response to a command from the living being and to generate a plurality of virtual bodies on a display including members of a virtual prosthetic limb and at least one virtual object. According to other aspects of the invention, there are provided basestations and network nodes for performing these methods. The pump unit includes a suction member which is displaceable within displacement space substantially along its longitudinal axis. The transactional arbiter generates the completion status for the transaction in progress from each client. The system may be provided with a tilt compensator comprising a tilt sensor mechanism outputting a tilt compensation signal indicative of the extent of tilt of the device, and may be further provided with an adjuster for adjusting the distance value in accordance with the tilt compensation signal.

1459828430-c70d2c86-7eb4-4804-a7a8-734a8f644bb7

A pixel circuit with a dual gate PMOS is formed by forming two P+ regions in an N<sub>+</sub> well. The method includes establishing a user account for a user and associating a user identifier with the user account. The compositions may also include an amount of boron, and bimodal vinylic polymer made up of quantities of high and low molecular weight vinylic polymers such as PVA. Accordingly, when a winding stem is pulled by one stage, the reset lever performs the planar movement in the given direction and a distal end portion of the reset lever is brought into contact with the overhang pattern. The pretreatment apparatus is supplied with an amount of fresh water and an amount of backset, the backset including the biogas effluent recycled from the biogas apparatus to the pretreatment apparatus.

1459828431-5d8be17f-9f8d-452e-8185-fa6f3520fca7

An imaging system utilizes an exposure control circuit to control the length of an exposure in full frame mode. The free reactive groups are capable of reacting with active moieties in a biologically active agent such as a protein or peptide thus forming conjugates between the activated polyoxazoline and the biologically active agent. Each single sensor located at each station activates when the wafer's edge traverses through the sensor's path. During the insertion event, a comparator unit coupled to the voltage sensor, sends a first switching signal to a switchover circuit that responds by connecting the peripheral device and an uncharged battery to the main bus such that the supply voltage is provided thereto. The plethysmogram signal is analyzed by the programmer device to obtain a cardiac performance parameter, e. As the sliding plate is oscillated, disposed toner falling and fed through the disposed toner duct is oscillated.

1459828431-71316a68-da69-4f2e-a670-7100ef1811bc

Provided is a terminal and an access point in an active mode for multi-user transmission opportunity power saving that may decrease power consumption by changing an operation state of the terminal from an awake state to a sleep state if there is no stream of data to be transmitted during a TXOP duration. Each of the pressure generation elements is fixed to a fixation plate. A reflective-coating mixture is air sprayed onto the pre-treated component surface.

1459828431-a27f9458-04bf-4138-9893-d4e3c18e9de7

An apparatus including flexible tube having a first opening at a first end, an opposing second opening at a second end, and a body portion between the first end and the second end. A source electrode layer and a drain electrode layer are formed by forming a conductive film to have a two-layer structure, forming an etching mask thereover, etching the conductive film using the etching mask, and performing side-etching on an upper layer of the conductive film in a state where the etching mask is left so that part of a lower layer is exposed. The distributed storage processing unit sends the layered, encrypted message to the first storage unit in the chain, which decodes and removes the outermost layer, and forwards the message

to the next storage unit in the chain. At least two of the side faces confront each other and have a heating element passage therebetween.

1459828432-06f5214a-7978-4c0e-b4ef-974230f31b58

A rewrite component automatically generates rewrite rules that describe how uniform resource locators can be rewritten to reduce or eliminate different URLs that redundantly refer to the same or substantially the same content. Data related to items that are supposed to be in the possession of an employee may be retrieved from distributed data sources. First frame data are received from the first device via the network. A surgical lighthouse is similarly connected with the voice recognition system and is responsive to a second set of the command output signals to initiate selected surgical lighthouse operations.

1459828432-45563365-72c1-45e5-ab5e-d4ef66e998da

An exemplary lithography process may include: receiving a substrate having a photo-sensitive layer; providing a light source capable of causing an exposure of a portion of the photo-sensitive layer; and providing a mask capable of defining at least one pattern that is to be transferred to the photo-sensitive layer. The texture unit performs a texture mapping operation for mapping a texture to an object in a three-dimensional space. The gradually changing portions have a thickness gradually increasing from the thinnest portion toward the thickest portions. The object container is typically a deep-frying basket.

1459828432-5291c2b5-0ed7-4651-8a03-1f1d9f430798

In an embodiment, a system includes at least one peripheral device, an interrupt controller, a memory controller, at least one CPU, and an interrupt message circuit coupled to the peripheral device. With the profiling of components based on the common information model, a remote agent can query status/capabilities or configure a power over Ethernet component based on messaging that is consistent with a power over Ethernet common information model schema. A second validation parameter is determined for the data stored in the memory at a second time, and also stored. Thus, heat generated by the inner stator is dissipated to the outside through the housing boss portion and the partition wall portion. Interconnect channels embedded in the sensor facilitate streamlined packaging of the device while accommodating interconnectivity with other devices. As a result, elements suited for use in pipelines can be obtained, without unnecessarily increasing the wall thickness of the seamless bent pipe and without internal machining of the pipe end portions of the seamless bent pipe after the manufacturing thereof.

1459828432-c0753cc9-f322-42ed-ba05-511d30ce2dbe

A child's learning device includes a housing, a countdown timer and a driving mechanism. These mechanisms and methods for automated test case generation and scheduling can provide an automated manner of generating test cases and scheduling tests associated with such test cases. A shunt transistor including a plurality of series-connected field effect transistors is connected between the transmission terminal and a common terminal, such as a common terminal, which may be an electrical ground. Radiation from the skin surface is detected to prevent non-reversible damage to the dermis, such as skin necrosis and excessive collagen melting. Thus, the LEDs in the light emission part are used not only as image display device but as an indicator. The tool may have an integral coaxial cable stripping function included therein.

1459828432-e4e3dd39-7fd8-4de7-95ec-f60c27a9ca88

A liquid application system for applying an insect repellent to skin of an animal or a person includes a tube receiving a liquid to be applied to skin. The nanofiller introduction is downstream of the area of the extruder wherein the polymeric material had been substantially melted and mixed. Each assistant fitting of a receptacle connector includes a receptacle lock surface that faces in a direction approaching the connector mounting surface and is opposed to the plug

lock surface in a mated state. The outer surface of the major wall defines a first major outer width, and the outer surface of the minor wall defines a first minor outer width, the first major outer width being greater than the first minor outer width. Movement of the first portion with respect to the base pipe in response to overcoming the first shear resistance exposes the port to permit fluid communication between the interior and the pressure chamber for setting the down hole tool.

1459828433-39d32708-6fb7-4378-9fb2-bd6a12ddebb7

In one form, a memory includes a memory bank, a page buffer, and an access circuit. The cam phaser is connected to and adjusts a timing of operation of the other of the intake camshaft and exhaust camshaft with respect to the one of the intake camshaft and exhaust camshaft. Updating position information with actual turn data improves the accuracy of GPS navigation especially during single satellite navigation. Calculating the correct length and bending the pipes to fit in the space available resulted in increased horsepower, reduced fuel consumption, cooler cylinder head temperatures, reduced noise and vibration for four-cylinder and six-cylinder aircraft engines.

1459828433-790fcd4e-a617-4158-9869-fee4adb8ad32

The invention relates to compositions and methods for decoding microsphere array sensors. The compositions have particular utility as barrier test dips for protecting cows against mastitis and as wound care agents. The power storage equipment can be connected in series with the inverter device, and a voltage sensor that detects the overhead wire voltage  $V_s$  is provided between a current collector device and a grounding point.

1459828433-910a75d2-1132-4ddf-bbdd-2c3f73fdb3e4

A magnetoresistive film of a structure comprising a non-magnetic film being put between magnetic films. The first positioning arm crosses the second positioning arm at first and second crossing points. The driven wheel rotatably supported about the first axis and the idler roller cooperating with the driven wheel to engage the sheet there between. The techniques disclosed are particularly conducive to low power supply availability applications such as battery operation. A shielding barrel is electrically connected to the at least one cathode and disposed in the container.

1459828433-bb927ff5-bea4-4efb-a66a-3a07da5d485f

Described herein is an implementation of a technology for managing credentials. The use of multi-layered lenses may result in as much as a 50% decrease in transition time between states. As an improvement, two arrays of wires extending over flat supports in two directions in space are proposed. Changing the contents of the line by the user thus becomes a coherent operation, so that the device will less readily respond to unintentional actuation of the controls. A follow-up message is transmitted from the server computer system to the mobile device if the password is not received from the user computer system at the server computer system within a predetermined period of time. A locking portion of the at least one pin and a locking surface that defines an opening in the hinge bracket are configured such that the at least one pin is locked in a fixed position relative to the hinge bracket when assembled.

1459828433-c6939179-9209-4e95-9e1d-d2aab151dd7d

A burner having two ignition electrodes and a bracket is provided. The cutting ends each have a cutting tip at a distal end, a body portion, a recess in the body portion and a retainer positioned in the recess. The payee registers a payee identification data with the electronic third party identifier.

1459828433-d4e52fd5-b0f5-4b88-ac80-741460054737

Embodiments of the present invention provide a system and a method for publishing

advertisement service information. An example of a method for determining a mobile device location includes receiving signals from a transmitter, measuring signal characteristics of the received signals, and downloading data from a database corresponding to a defined region associated with the transmitters. A pin belonging to the group is selected as a pin under calibration. Both the electrodes and beam blockers are controllable to reduce the area of the ion beam that is incident upon a substrate.

1459828434-39e6001c-2f72-423e-ae9b-c81696731629

A solenoid valve includes an outlet tube and a plunger stop. The wheelchair lift platform includes a first portion with an elongated support having fixed and moveable platform sections and a linear actuator powerable for moving between outboard and inboard positions. Exemplary methods include, but are not limited to, methods of drilling with the settable fluids, methods of cementing with the settable fluids, and methods of using a settable fluid to displace another fluid from a well bore in a subterranean formation. As the cell current is increased, the read speed of the device can be increased.

1459828434-9dddd6a8-d9b8-4554-8513-30f894edd101

A silver halide emulsion formed of high silver chloride particles, the high silver chloride particles having a continuous outermost layer containing at least 30 mol % of silver bromide, the high silver chloride particles having a silver chloride content of at least 95 mol % and a silver iodide content of 0. The LED light source with optional collimating optics is arranged to couple at least part of the light source light into the waveguide element via the waveguide edge of the waveguide element. The wedge members have wedgelike edge flanges which protrude into the grooves of the opposed upright edge rails.

1459828434-f15dc22e-6c91-47bf-8cb5-324c33a1b50e

A method for monitoring noise associated with a communication link is provided that includes monitoring a plurality of communication links that facilitate a plurality of communication flows and determining whether an error parameter associated with a selected one or more of the communication links has exceeded a predefined threshold. The obtaining unit obtains a phone number which is associated with a message from a transmitter. A corresponding method is disclosed. The RTR consists of two clamshell sections and a tail boom section. The present invention also finds a preferred application in the field of biomedical diagnosis or in food microbiology, and more particularly in bacteriology and mycology. The hydraulic cylinders are operated by attachment to a tandem pump to cause them to operate in a synchronized fashion.

1459828435-19626438-9047-4b38-8dab-7cad1931278a

A turbomachine includes at least one rotor, at least one stator, and a casing, with the rotor comprising several rotor blades attached to a rotating shaft, and with the stator being provided with stationary stator blades, the casing being passed by a fluid flowing through the rotor and stator. The holding rod is provided with an inserting end on the top to be secured to the bottom end of the elastic stem. Successive groups of buttons provide for the control of different appliances or devices, where each group of buttons is identified by easy to comprehend icon or alphabetic representations.

1459828435-27eb60a3-ded4-479a-b549-f6e99da98b23

A method and apparatus for eliminating picture artifacts in a video media system is provided wherein a video recorder, responsive to a trick mode command, iteratively transmits one or more frames in a video signal recorded under an interlaced scanning format for display on a display device. The system includes a data acquisition component, an analytics server and a client terminal. The logic design includes multiple nets.



1459828435-e8902ca8-1c3d-4bcb-8542-df21f91aea14

A transmitting and receiving module helps reduce electrical crosstalk and noise during transmitting and/or receiving signals. The outer tube defines a longitudinal axis and a longitudinal slot along a distal portion of the outer tube. The receiving component and the push component are opposite to each other and are connected by the connectors. In some embodiments applications of encapsulated semiconducting nanomaterials are described.

1459828436-42408239-fb00-4d61-8588-42a06ba8aa25

One embodiment of the disclosures made herein is a method for facilitating mediated communication. The method includes the steps of: forming an ID circuit at the predetermined position for an ink feed slot near a print head chip, not cutting or cutting the ID circuit during the ink feed slot processing according to the ID characters to form an ID circuit that is able to recognize the type of the inkjet chip. These products are used in a polypropylene net and are swept on the surface of water basins, harbors or the surface of sea to collect the oily matter and the petroleum by endomolecular absorption and by external surface adherence, and the loaded net is washed with petroleum to remove all absorbed oily matter as useful fuel. The pictorial information is displayed, for example by an existing EFIS or weather radar display, in the form of polygons. The switching element may be realized by an electromagnetic relay device, or by a thyristor-based switching device such as a triac device.

1459828436-bcf6e13f-76dc-458c-b523-106b57c000dc

Described herein is an apparatus for transporting and reorienting an object on a base surface includes a first header coupled to a first side of the object, and a second header coupled to a second side of the object. A semiconductor substrate is placed within a reaction chamber. An insulating layer is formed on an entire surface. The method may include decreasing the first width of the fin while maintaining the initial height. An encapsulant mold is placed over the substrate and chip and an encapsulant material is injected into the encapsulant mold cavity through an interconnection channel. The sealing mechanism is electrically connected to produce heat for sealing the workpiece being put thereon when the press bar pressed against the sealing mechanism.

1459828437-45ca20e8-e7b3-47c5-ab09-4f9c77120f8c

A scroll type compressor has a fixed scroll, a movable scroll and a plurality of sealing members. In one embodiment, the quantization error vector represents a difference between a cost value vector and an input candidate vector. Removal of the molded product from the core mold part is at least helped by injecting compressed air into the closed end of the product. The plasma ashing not only trims a surface of the organic passivation film but also roughens a surface of the counter electrode. Matching MPRs provides an effective way to view the 3D volumes for anatomical changes over time and to monitor medical conditions such as stenosis and tumors. A plurality of corrugations are formed in the axial leg so as to make it compliant in the circumferential direction.

1459828437-57d4e16e-ff0d-40e4-bafe-eccff65cf823

There is disclosed a suction dredge system and method. The support structure includes a vehicle body frame having front frame side members extending in the front to rear direction of the vehicle, a sub-frame disposed below the vehicle body frame and that supports the engine, and connecting members that connect the front frame side members and sub-frame. These interim images are then analyzed. In some embodiments, a hidden screw feature can be included in a SIM tray slot of the electronic device. A bolt rod is fixed to the valve. Each operating mode is characterized by a corresponding energy usage profile.

1459828437-74801495-f928-40db-9066-7dffaf3f4692

A semiconductor chip having a semiconductor substrate; a surface protective film

covering the semiconductor substrate; and an interconnection having a portion exposed on the surface protective film, at least the exposed portion of the interconnection being composed of an oxidation-resistant metal material. The present invention takes advantage of codes where most randomly selected data units fulfill the coding constraints. These light emitting elements are enclosed in an outer bulb housing that may include an optical tuning element and provided with the proper base for connection to a power source, e. Then, the data of the current data block from the current buffer are stored into memories connected to a current one of the memory buses, wherein the following buffered data block of the related data stream is later on stored into memories connected to a following one of the memory buses, the number of the following memory bus being increased with respect to the number of the current memory bus. Thus, the encapsulating membranes of the present invention are particularly suited for the reliable, durable and controlled transport, delivery and storage of materials.

1459828438-3ee514e0-b71d-408d-91e3-0b6122925a66

An electrical connector assembly comprises a first connector and a second connector having a same configuration with a housing and a mounting face adapted for mounting onto a printed circuit board PCB except for a distinguishable portion provided on the housing adjacent to the mounting face thereof. The addition of the heavy ions or heavy elements allows for a more effective anti-reflective surface than is found when only hydrogen implantation is utilized. If the result of the prior RTT test is successful, authentication processing uses the result of the prior RTT test as the result corresponding to the current authentication request. The method comprises forming at least a second recirculation flow obtained from the head flow rich in methane downstream of the separation column and forming a dynamic expansion flow from the second recirculation flow.

1459828439-2c006588-8a37-47de-9f40-3d5f4258785e

A new and distinct regal geranium plant with white flowers having purple feathering above medium green foliage. The tap unit includes a circuit having a first line connected at spaced points to an inner conductor with the RF signals flowing through the inner conductor and the AC power flowing through the first line. The pseudo-random vectors generated by the set of PRPG values are simulated, and those vectors best suited for an IDDQ test are selected. , glass, having a homogenous distribution of luminescent hydrogen terminated silicon nanoparticles in a homogenous distribution throughout the solid.

1459828439-d375ff17-e04d-4df4-b83e-872b1419ea2e

Systems and methods of power management provide for using transient running average power limits to enhance device power consumption and platform power delivery. A transceiver is carried by the housing and is coupled to the ionized air chamber. A triangular cam on the detachable capture in conjunction with a \u201cv\u201d groove in a magnetized lever of the catch permits a pin of the catch to be selectively retracted from or extended into an aperture of the block when the lever is rotated so that when the pin extends, it serves to secure the combined apparatus for cutting. Cell reads are performed multiple times and the read threshold voltages averaged to more closely approximate actual threshold voltage and to compensate for random noise. The management unit is operable to select another ground station when a signal strength corresponding to the other ground station exceeds the signal strength corresponding to the selected ground station by more than the threshold value set by the management unit.

1459828440-c949d3b0-69d5-4ea7-b5b5-c4471d52c769

In an Internet processor, it is determined when a potential transmission of information over an Internet connection is about to occur. The dummy block has a clock terminal receiving a clock signal, a scan input terminal connected to a scan data line within the scan chain, and a scan output terminal connected to another scan data line within the scan chain. The elastic member is provided to bias the

rotatable hook and the lever is used to rotate the rotatable hook for assembling or disassembling by means of overcoming bias force of the elastic member. The complex values are the m degree of RRO frequencies having frequency characteristics to be multiplied P) or \u2212PP). In a second aspect, the lamp assembly includes a sealed transparent sleeve that entirely encloses the lamp circuit so that the transparent sleeve is fully closed and unpenetrated.

1459828441-35134839-74f0-4554-8b86-f39101868fb7

A flexible chain guide guides the slack side of a length of chain that extends between a drive sprocket and a driven sprocket. In an embodiment, the method comprises the steps of receiving a first message selection, where the first message selection includes at least information associated with a road hazard. Each of the cameras is configured so as to be selectively set to a full scan mode and a partial scan mode. The receptacle and heater packet are preferably hidden from view, and are preferably situated to direct heat generated by the heater packet toward the neck of the wearer. When the component is a brittle ceramic heat shield wherein a crack having a critical length is of concern, the electrical conductor is located at a predetermined location wherein a critical length crack in the component will propagate into the conductor. An attachment is removably secured to the frame to allow a portion of the hose to drape over an attachment roller to extract water from the hose and to allow a power-driven winding rod to wind the hose into a coil.

1459828441-35f2d73e-fe2c-4915-9f41-dc791ffc953b

The invention relates to a machine tool, particularly a machine reamer, comprising a shaft-type base and a replaceable cutter head which frontally protrudes from the base. A cover member is fixed to the cylinder tube in a state in which an attachment base is secured to the slide table. A similarity raiser corrects, based on an analysis result of the spatial information analyzer, a difference between the spatial information of the L channel signal and that of the R channel signal, to raise a similarity between the L and R channel signals. A first catch mechanism of the cover pivotally engages the opening so as to form a lever arm. Molten metal particles from which the fumes are removed form the thermally sprayed film on the inner face of the bore. The opto-electrical device, the micro lens set, and the optic fiber connector are thus precisely aligned.

1459828441-907790d4-973a-4b96-9ab2-c47a2c4477c7

Processed cheese is prepared in a process where the ingredients include at least 0. The seats are capable of 360 degree rotation about a longitudinal axis which extends perpendicular to the direction of travel. Data blocks within the memory are specified by accessing devices using a logical data block address, including a page index and a data block index. The runner has a closed end and an open end into which a fluid mixture for the article flows for distribution by the runner into the film gate.

1459828442-1bef4d18-36d8-4a5d-abc5-e103bdb36019

The application relates to an anti-snoring device comprising a compressor and a nasal air cannula, the air compressed by the compressor being blown through the nasal air cannula into the nose of a sleeping person. The device also includes a second jaw having a distal portion for communicating with tissue and a proximal portion having a first slot and a second slot, the first slot disposed between a middle structure and a first lateral structure, the second slot disposed between the middle structure and a second lateral structure. An interactive element associated with the displayed content item is provided on the client display, which a user clicks to indicate that the user has found the displayed item helpful. The strip has an upwardly protruding locking element engaging in a locking groove in the rear side of the other joint edge to form a second mechanical connection locking the panels in a second direction parallel to the principal plane of the panels and at right angles to the joint.

1459828442-3c78716d-75b1-4919-a17e-eb28ef7373fd

A method and apparatus for processing an electronic document in a secure manner is provided. The fan drive unit is in fluid communication with the pump through a modulation valve. Each chamber has a dielectric layer proximate the side of the heater element which has a thermal product less than 1495

$\frac{Jm}{Ks}$ , the thermal product being 12, where  $\rho$  is the density of the layer, C is specific heat of the layer and k is thermal conductivity of the layer. N can be a conventional blocking group or other group such as -A-B.

1459828442-8166a661-adc8-4d54-8974-66a78026974e

A method and system for operating a wireless access point is disclosed. This can be done by requesting retransmission of the first packet and measuring the actual time delay between request and receipt of the retransmitted packet. When X is halogen or a sulfonate, the compound of formula I may be prepared by reacting a compound of the formula III with a halogenating agent or a sulfonylating agent. The method may further include generating a model based on the historical user preference and usage data, determining one or more predictions from the model. The flexible winch tether has first and second portions releasably connectable to one another, the first portion being connectable at one end thereof to the support structure and at a second end thereof to the second portion, and the second portion being attached at one end thereof to the winching device, and being connectable at a second end thereof to the first portion. The inventive compounds include polypeptides containing at least a portion of a prostate tumor protein.

1459828443-29945eef-5771-44ed-8c2e-f70df5459a9d

A system and method are described for ordering a database flush sequence prior to committing transaction changes to a database. Also provided is a multi-path network and an Ethernet bridge or router incorporating such a multi-path network. The charging of the battery is halted after a maximum full-charge time period is elapsed. A determination is then made as to whether or not the IO assignment meets certain predetermined power distribution requirements.

1459828443-2dad79e1-a5f9-4767-bbf3-f31217bb9245

There is provided an aluminum battery which comprises a positive electrode, a negative electrode containing at least one kind of active material selected from the group consisting of aluminum metal and aluminum alloys, and an electrolyte containing a halogen ion and at least one kind of ion selected from the group consisting of sulfate ion and nitrate ion. Alternatively, the PD is mounted thereto so that the light receiving plane of the PD is inclined at angles ranging from about 0 to about 30 to the center of the optical axis of the backward light. According to another aspect, the technique can be implemented within a decoding pipeline such as a JPEG/MPG decoding pipeline in such a way that multiple transfers of image data in and out of the external memory can be avoided. A valve is connected between the second passage and the drain outlet for controlling the draining of the liquid and sweep air flow through the second passage.

1459828443-690f90da-e791-472b-ac7f-760f346675b2

A memory controller, such as a SDRAM controller, forms a queue of memory access requests to maximize efficient use of the bandwidth of the memory data bus. Settling velocity is the rate at which debris will fall through the fluid. A time-dependent average bias and a time-dependent uncertainty value for the predicted dependent variable data are determined using the normalized historical dependent variable data, and a risk-tolerance level for the on-line plant is obtained.

1459828443-e0f62685-6426-42f2-81d4-1b69a7b5492a

A seal and method of making seals utilizes folds in order to form creases in a length of material such that the creases reinforce individual seal elements or surfaces while perforations or slots in a seal edge allow air leakage from one side of the seal element or surface to the other. In the optical scanning unit, the

light passes through the plurality of holograms formed along a radial direction of the rotatable hologram disc so that a scan width can be extended without reducing a scan speed of the optical scanning unit. The support member has a bottom portion adapted to be placed adjacent to the bar, a top portion extending upwardly from the bottom portion, and a hook protruding from the bottom portion. The assembly components contain ionomer material which can be perfluorinated or non-perfluorinated, high temperature, hydrocarbon, and the like. The first and second cooperating interlocking structures include a tab-recess arrangement in which a plurality of tabs are engageable within respective recesses. The circuit that provides the fill-in clock pulses is able to detect a request for analog data acquisition, synchronously stop adding fill-in clock pulses, and track the request for data acquisition.

1459828444-22dce24b-e85e-4de9-abb4-30e17f867668

A measuring apparatus includes a spectrum analysis unit having an input for receiving an input signal to be measured. Each of the stringers has a stop for preventing said slider from separating there from at each of its ends and the stringers are free to separate from closed position at the first end when a force is applied in a predefined direction adjacent to the first end. The running level model has a hierarchical structure with various running levels such as synchronously clocked levels, a user level for system exceptions, an event-controlled user level, a time-controlled user level, a sequential user level and a cyclical user level.

1459828444-36cc1800-0b74-430c-a4e3-f8c6f11ed347

Methods for removing sulfur from a gas stream prior to sending the gas stream to a gas separation membrane system are provided. A kit for coloring hair comprises the hair colorant composition. The plurality of UBMs and the plurality of metal bumps are allocated with an overlay offset, with at least some of the plurality of UBMs being misaligned with the respective overlying ones of the plurality of metal bumps. The system further allows the granted bandwidth to be shared by more than one source in a multiprocessor system. A first aperture is interconnectable to the end of an endoscopic device and provides operative access to endoscopic instruments contained therein. In order to vary the internal width and girth dimensions of the ball portion of the chamber, a width adjustment pad of a desired thickness and/or hardness is removably connected with the bottom surface of the ball portion of the insole member, thereby to permit the user to customize the fit of the shoe.

1459828444-3c960deb-e1d6-4cc0-8432-562dc78f7d84

Methods and apparatus for providing uninterruptible power are provided by aspects of the invention. This invention also provides processes for preparing the amorphous form and pharmaceutical compositions including the amorphous form. Registration information is transmitted from the first computer, via a transaction mediator, to a computer database that resides on a transaction repository server, all of which are networked together, to establish a registered voter.

1459828444-947947cc-7a68-4dc5-b4c2-ac3414794116

By recessing portions of the drain and source areas on the basis of a spacer structure, the subsequent implantation process for forming the deep drain and source regions may result in a moderately high dopant concentration extending down to the buried insulating layer of an SOI transistor. In a hybrid data storage system, at least one first data storage cluster is configured to store data and has high data storage capacity; and at least one second data storage cluster is configured to store data and has lower data storage capacity than the first cluster. The supporting surface defines two light guiding holes. The computer identifies a preceding snapshot. This hybrid maize plant is characterized by yield stability at low to moderate yield environments and a light green color phenotype. The forming includes drawing a fiber preform derived from the spiral structure.

1459828444-b1b27bfe-6ff4-45fb-9e12-6e7f824b1e2c

A game system generates an image from a predetermined viewpoint of a game region and an object for operation by a player on a screen of a display device. Each bank is logically divisible into at least two different sections of memory cells during a refresh operation. Quasi-particle interferometry is a tool for constructing topologically protected gates. Attributes in a relational directory may be exported out of the relational directory to a hierarchical directory.

1459828445-918cda33-ee05-410d-b3c1-b66872f5a312

A lateral airbag device for a vehicle includes a head airbag which, in the event of an accident of said vehicle, provides impact protection for the head of the occupant of a vehicle. The present invention also provides methods for the production of custom vaccines, including multivalent vaccines for the treatment of immune cell tumors malignancies as well as methods of treating immune cell tumors using custom vaccines. In each iteration, representations of at least some of the exchanged messages are stored. The incident light can be switched in two directions and obtained as the transmission light and the total reflection light.

1459828445-ce48341d-2550-4494-8c6c-b98718bf2451

The present invention provides a road condition management system that can grasp an accurate state of a road condition and reduce a burden on a checker. The dovetail design comprises a rotating blade curved axial entry dovetail having a four hook profile and a rotor wheel dovetail slot sized to receive the blade dovetail. The aspherical LED lens has a radially symmetrical structure with respect to the central axis. Author-generated document classification information is analyzed and assigned a first taxonomic noun to characterize the document.

1459828445-dc14faad-a782-4395-b453-ad7755159c07

An improved process for the preparation of codeine from morphine comprises the steps of a) reacting morphine with a methylating agent in the presence of a hydrocarbon solvent at a temperature of 100 to 215 C. For this purpose, the device compares the sensor signal to a first comparison level, and an idle state is ascertained if the first comparison level is undershot. The sensed current is derived from a variable impedance controlled by a sense amplifier coupled via a current feedback resistor to the common output node between a high side power switching device and a low side power switching device of the converter. In response to receiving the proximity data indicating that the mobile device is proximate to the user, the processor may identify a position of the mobile device in relation to the user using the acceleration data. Besides, the sliding movement range defines a pointer movement frame.

1459828446-dfe9d446-1844-4b33-b697-f7b7fc73e318

Mechanisms are provided for replicating transactions at a source database node on a target database node of the data processing system. The tunable laser produces a laser beam tunable over a range of different frequencies. The transition portion optionally provides a buffer zone, or transition zone of air at a greater spacing from the water barrier. The outer facing surface may likewise be encapsulated and secured to the encapsulation of the inner facing surface. A user can insert a doll simulating a human baby into the doll-containing portion; via one of the side abdominal openings; and push the doll through the secondary opening to simulate childbirth. A host processor recognizes the communication quality on the basis of the bit error rate thus counted.

1459828447-4d067ffc-94ae-4453-88c9-8fbf93e5bd3c

The present invention relates to a surgical lamp comprising both a first light source and a second light source, where the first light source is capable of emitting light across a broad first spectral range and the second light source being capable of emitting light having an emission peak in a narrow second spectral range. Upon selection of a displayed target object by a user, a pop-up menu appears

containing a \u2018Set Attributes to. Certain embodiments implement communication systems and methods that translate text between two or more languages. A database is searched in accordance with the Raman data set in order to identify a known Raman data set from the database. In addition, the device comprises an improved handle portion which enables the physician to quickly and easily apply suture.

1459828447-66bec659-e725-4752-a498-9b33df784ed2

A concentrated, homogenous, stable, water-soluble fertilizer suspension comprising: water-soluble mineral nutrients of at least nitrogen, phosphorous, potassium, calcium, and magnesium; and an organic stabilizing additive; and wherein the pourable, aqueous suspension has water-soluble mineral nutrients amounting to at least about 80 percent by weight of the suspension. Integration may occur with Lightweight Directory Access Protocol, an operating system authentication, custom account repositories and others. The system includes a frequency converter that is located external to the compressor housing and a frequency decoder that is positioned inside the compressor housing. The present invention assures that encrypted broadcast content is delivered to only authorized devices, allowing authorized remote devices to receive encrypted broadcast content while preventing unauthorized remote devices from doing so. Each process is assigned a Universally Unique Identifier that uniquely identifies the process no matter the computing device on which it runs. The fuel H<sub>2</sub>O oxidant mixture is brought into contact with a catalyst composition comprising a dehydrogenation portion, an oxidation portion and a hydrodesulfurization portion, resulting in formation of a hydrogen-containing gas stream.

1459828447-762c4754-3bd7-4be0-930d-18b80a428c67

An immunochemical assay device for determining the presence of NT-proBNP alone or conjunctively with Cardiac Troponin I comprising a base member, an array disposed on the base member, and at least one assay indicia zone. The processes are executed in order scheduled by the scheduler by concentrating on a specific core processes obstructing the consecutive execution such as an external interrupt and an internal interrupt. The switching processes can thus be carried out, at any time, by an appropriate choice of interval beginning and interval end, whereby a free-wheeling arm for both current directions permanently exists, the only requirement being the creation of a current interval for each phase in multi-phase systems. Furthermore, a holder combined connector has a connector housing 102, and a front holder 105, the connector housing 102 has a resilient terminal locking arm 113 in a terminal accommodating space, and the front holder 105 is coupled to a connector main part 104 of the connector housing to define the terminal accommodating chamber. A session is established for carrying the page mode message by message session relay protocol.

1459828447-b6cba337-8168-46b8-85b8-38d9b9367bbb

An electrical switch for electrical tools having an electric motor operated by a DC voltage. The methods and algorithms of the invention utilize population models that incorporate genotype information for genes encoding drug metabolizing enzymes for one or more compounds of interest. During a trading period, the eVWAP price is therefore determined from not only trades, but also unmatched bids and offers. A comparison relationship between the calculated regression values and the sample measurements is defined and optimized, wherein thickness of each layer is an optimization variable. In one embodiment, the droplet has an optically curable liquid adhesive that is polymerized under exposure to UV light. The payee may open an online account or identify an existing online account to complete the transaction as well as provide identity confirmation for the payor.

1459828448-53e3e145-9921-4ad5-af18-d5c9dd62ed8b

Manipulation of elements in a graphical user interface is aided by allowing the graphical user interface to treat certain mouse button actuation and releases as holding the mouse button in an actuated state. This viral agent is effective to

elicit an immune response in a chicken to very virulent strains of Marek's disease virus without causing a significant degree of pathogenicity in the inoculated bird. As such, when cutting objects from the left or the right, the angle and orientation is selectable by an optimal push button direction, the structure of present invention thereby increasing art design knife utility and, furthermore, enhancing their industrial practical value. The transfer station can include a pre-process station configured to identify and/or align the microelectronic workpieces. Therefore the device can fabricate a large number of inexpensive high-density microarrays.

1459828448-65633466-07ae-415b-bbed-6d4b3d5c4c70

The invention provides a method of disabling malicious or unwanted software on a computer system using a plurality of rules, wherein the plurality of rules automatically disable functions originating from malicious software. A wire or other conductive lead is connected to a circuit in a manner that makes the connection more resistant to mechanical stresses such as movement or rotation of the lead relative to the circuit. The method then determines whether the TBMs of both the volume x and the child volume are set.

1459828448-d71fc714-a658-496a-92a0-ce00a75c9ebb

Disclosed is an exhaust valve capable of correctly opening/shutting an exhaust port of a cylinder based upon variation of the flux density of an electromagnet. A receiver circuit includes a differential input having a first and second input link, a differential output having a first and second output link, and first and second switching elements in electrical communication with the input links and the output links. The pan is formed by four sides each of which is integrally defined by a web bridging the width of the frame, an exterior flange projecting outwardly and an interior flange projecting inwardly with the pan held in place by adhesive between the exterior surface of the frame and the exterior flange and between the web and the corresponding surface of the frame.

1459828448-f349b747-21dc-4a4e-8450-f0bf561a4ee2

An energy supply device for a mortar fuse includes a housing, a driven rotary shaft including a cylindrical shaft surface rotatably disposed in a stationary cylindrical bearing surface in the housing, and a fan connected to the shaft for rotating the shaft in a single direction of rotation in a speed range of 30,000-50,000 rpm. The system of microwave transmitter and receivers are scanned around, and can also be positioned up and down the axis of the patient's head. The image material is printed during a temporally successive relative movement, occurring in the x and y directions, between the inkjet print head and the sheet carrier. The position wherein brake block and object make mutual contact, when a braking force is exerted which exceeds the spring force. In this way, data setup and/or hold times may be improved. The motor is provided with: a stator having cores and coils; a rotor having permanent magnets arranged in a ring shape on the radial inner side of the stator, facing the cores and coils; and a fluid dynamic bearing which rotatably supports the rotor with respect to the stator.

1459828449-262b7f64-64e2-42d3-8cec-46d6597861bb

A capacitor assembly has a substrate, a first conductive auxiliary layer on the substrate, a capacitor dielectric, a second conductive auxiliary layer and a contact electrode. The conductor width of at least one of the coil conductors provided inside the non-magnetic body sections and the coil conductors provided on both main surfaces of the non-magnetic body sections is greater than the conductor width of the other coil conductors in the laminated body. The resource policy indicates that a network resource manager associated with a wireless communications network is authorized to use the resource policy to control the resource usage of the mobile device to support a resource threshold level of the wireless communications network. A partition is formed in the center portion of the cavity of the body member to divide the cavity into two sub-cavities. Furthermore, an



access doorway is disposed over the processing stations to facilitate jam clearance. The structures can include a mixture of copolymers, for example, collagen and glycosaminoglycan.

1459828449-3d0e214e-51ea-47e8-b002-01c751061c48

The invention relates to very small-sized color image sensors. A tracing-result collation processing unit collates the optimized tracing result and a time chart as a basis of a sequence processing for an external apparatus and detects shift of the optimized tracing result. The method is characterized by the use of presses positioned one after the other.

1459828449-3f225c62-3737-4620-b025-f37e1b727826

An energy management system and device for use in an automotive frame, rail, or other structural component of an automotive vehicle. The method for synchronizing the animations includes setting attributes of views independently with each view being associated with a process. A display member is coupled to the strip and is viewable through the storage tube.

1459828449-a2152869-14ad-43e2-87aa-a8925325b02f

An IF signal output from an IF amplifying circuit included in a tuner is converted to have a band width for transmission by an SAW filter and has unnecessary signals removed therefrom. Disclosed and claimed are antineoplastic compositions containing cocoa polyphenols or procyanidins and methods for treating patients employing the compositions. A coupling piece is movable mounted in housing and is supported movably corresponding to the driving movement transmitted from driving shaft of the foot care apparatus.

1459828449-de3f2f52-1e75-4398-a53a-c9664b657ece

A portable structure supports a subsurface imaging system and is moveable over a given imaging site. In the disclosed embodiment, the integrated function member is provided as a lever-type structure that constitutes part of the access door assembly by means of which access is gained to the fastener drive track along which fasteners are fed to the driving portion of the tool. The ultrathin film of calcium phosphate crystals can be coated on the surface of the solid substrate while substantially maintaining surface roughness of the solid substrate. Each of the pull-down transistors is the other type, p-type or n-type. The invention is characterized in that said molding tools have pairs of respective conical support surfaces, through which the tools are centered and aligned with one another, each support surface being formed by a portion of tools deprived of transverse mobility. Further, the micro lock valve needs relatively low electric power to drive a number of the micro lock valves, and decreases noise due to an operation thereof.

1459828450-44aba1d3-4f59-4f93-9f4c-91a72949e581

A particular system includes a processor and memory storing instructions that are executable by the processor to cause the processor to perform operations. The invention is characterized in that said optical source comprises a light source emitting simultaneously in said plurality of emitting wavelengths. A modularized component assembly for an inflation syringe allowing independent components to be tested independent of the other components of the inflation syringe.

1459828450-8aee3668-4991-42f0-92e6-504ce5de37af

A lid mechanism includes a divided lid for closing an opening extending in a longitudinal direction in a closed position, and a lid operating mechanism disposed below the opening closed by the divided lid. The peripheral wall is formed with an aperture. Connected to the core logic, the first CA logic block uses a first CA function associated with a first CA provider.

1459828451-0a8834ef-ec2a-423b-be22-c4a6fba06ade

A three level nestable stacking comprising a base, a pair of opposing sidewalls, a

pair of opposing endwalls and at least two bail arms. A brake stroke sensor includes a force-receiving plate, a second plate movable relative to the force-receiving plate, a spring disposed between the plates and operatively connected to the pushrod, a strain gauge bridge mounted on the force-receiving plate and a microcontroller capable of converting the strain gauge bridge signal into digital data. A protruding end of the pin has an axially adjustable holder mounted thereon for releasably and tightly suspending a fractional weight therefrom, between two spaced flanges secured to and radially extending from the pin. A radio transmitter front-end generates a transmit signal based on the filtered up-converted signal. During the copy-out process, pixels are converted from YUV format to an RGB format.

1459828451-8042f120-227e-4fae-9848-f94c51220c35

The plant contains high temperature fuel cells which form a battery in which electrochemical reactions can be carried out with a fuel and a gas containing oxygen while producing an electrical current and a hot exhaust gas flow which transports waste heat. Before the first step, the airbag is folded through a preliminarily-folding step to fold back a front edge side region to the vehicle body side wall along a folded line in a transverse direction. The top ring may be adapted to apply a liquid displacement force to the membrane in a direction perpendicular to a plane of an aperture of the inner ring to cause a change in a radius of curvature of the membrane. The cable is coupled to the first metal element. Then, each resinous interface is driven through the respective fibrous layer to impregnate the fibrous layer and form a dense, resinous layer between each fibrous layer and adjacent polymeric layer. The automated solar cell fab is generally an arrangement of automated processing modules and automation equipment that is used to form solar cell devices.

1459828451-f0f535b4-7b95-43fa-8b1f-19d04f035025

The presently disclosed and claimed inventive concept relates generally to liquid-based coatings for writable-erasable surfaces, products that include such coatings, and methods for making and using the same. A portable cart is included with a chamber for storage of a plurality of mattresses. The implementation can track one or more columns in the physical tables that are used by the active view and identify a change to the physical tables in a transaction log of the database. If the intermediate device does not receive at least one of a receipt indicator or one or more subordinate supplemental receipt indicators before the expiration of the timer, the intermediate device sends the generated supplemental receipt indicator to the next superordinate device. The screening center provides an interactive system for determining whether a subject has encountered or handled a substance that may pose a potential threat, e.

1459828452-08090a13-0782-442a-896c-648e85ae5bb2

Access to a bus is granted to one of a number of requesting communication circuits that each submitted a bus control request during a request period of an arbitration period in response to the entries in a priority table. The monitoring device measures an aggregate current supplied to a plurality of components of the HVAC system and transmits current data based on the measured aggregate current. The first contact pattern and the dummy gate pattern define upper and lower electrodes on the variable resistance pattern, respectively. Additionally, the deckboard may include a locking channel configured to couple to the j-shaped upholstery channels. A method of making a pipe that includes selecting a polymer composition having a substantially single peak in the LTD curve is described. One end of the pin penetrates the guide groove while the other end of the pin engages with the stopper portion.

1459828452-418333c2-eb43-4fe8-a163-aa22fae5019a

A light reflected from a semiconductor die is used for enhanced control of substrate removal from the die. The method includes: a 3rd Generation Partnership Project network entity sending outer Internet Protocol packet header information to

a Broadband Forum access network entity; and the BBF access network entity scheduling a data packet matching the outer IP packet header information according to a Differentiated Services Code Point of the data packet. Rearward protruding wiring flanges provides support for low voltage wires and cabling. A collimator constructed of a radiation attenuative material is arranged on the side of the detector facing the object. Further, a fibrous product is described incorporating encapsulated long persistent phosphor particles.

1459828452-e910476d-2c90-414b-a3f1-8bb802a1c3d3

Messages can be sent to a pet using a hand-held remote transmitter and a receiver that is attached to the pet. In one embodiment a computer machine is configured to receive a query as computer machine input, automatically determine at least one concept contained within the query and automatically normalize the at least one concept contained within the query, thus creating at least one normalized concept. By comparing the selected segment of the expression pattern with expression patterns of a group of candidate genes or the like, genes having an expression pattern with at least a partial similarity are searched from the group of candidate genes. The distributed service creation and execution environment enable the generation, provisioning, and execution of applications across private and public telecommunication networks in order to provide novel telecommunication services via the serial or concurrent invocation of one or more distributed applications. The light homogenizing relay device makes at least one copy of the light beam, and delivers the light beam and the at least one copy to a light receiving surface of the input coupler, thereby effectively creating a larger input beam while retaining the angular spread of the initial light beam. The variable viscosity fluid is responsive to the application of an electromagnetic field to exhibit increased rigidity in the presence of the electromagnetic field and reduced rigidity in the absence of the electromagnetic field.

1459828453-a13523ce-0f3f-4d6c-a6fa-22cca2b5e71a

A 6F2 memory cell structure and a method of fabricating the same. Performance information associated with a network service is collected from multiple service monitoring points. In this way, a network may use the locally stored CSG subscription information for a given access terminal to determine whether to allow that access terminal to access an access point in the network. The multiplexer selects a stage based on a branch indicator, an instruction wrap indicator, and a carry indicator. Thus, the use of such materials in the context of a front electrode of a photovoltaic device reduces light reflection due to the high refractive index, and increases transmission into the active semiconductor film due to the higher transmission characteristics thereof, thereby improving the efficiency of the device. Additionally, the system supports and augments a convention being held in a physical or venue-based center.

1459828453-cedb46a3-59be-421d-8541-8a46af839f81

In one embodiment, a voltage-controlled oscillator is provided having an output signal having a frequency responsive to a tuning signal. Each range for a particular pilot may be a default range, may be entered by the pilot and/or may be automatically determined from experience and may be subsequently edited by the pilot to change a range and to add or delete parameters describing a situation for which a display should be provided. The tool computes specified business metrics representing business measures of quality reflected by the model. In yet another embodiment, fluid and/or electrical conduits are mounted to an outer surface of the door liner. A nozzle extends from the substrate at a spaced apart location from the actuator support and the heater. A major portion of the fluid flowing over and rearwardly of the upper wall is reversed and captured due to internal and external pressure differential in the chamber to reduce drag, and simultaneously act against rear surfaces of the dynamic surface element to define a propulsive force assisting movement of the body.

1459828454-1cb0c8e9-6c91-4574-bb22-5b567037defb

The present disclosure is directed to systems and methods for a multiport connector assembly, used in telecommunication systems, that is designed to reduce electrical port to port crosstalk noise. The carriage guide can be functionally linked with the gear mechanism of the spool. The differential signal is converted into a digital signal by an AD converter. A pulling device is attached by a line to the roller quadrant. The electronic circuit includes a circuit sequentially controlling the current of each of the phases producing automatic switching of powering sequences of the phases on the basis of the absolute position of the reduction unit output shaft.

1459828454-44a19423-9c07-44cb-85d5-dc5bfdcfbd50

The present invention concerns a powder metal composition for producing powder metal components comprising a Co-based pre-alloyed powder, with irregularly shaped particles comprising at least 15% by weight Cr and less than 0. The first operation may restore system state and basic operational data to a system sufficient that the system may begin performing a set of basic operations. The first FET and said second FET are approximately equal sized FETs.

1459828454-f422bdc8-b572-4a83-a783-c66ce46c1eb2

One or more RFID tags are integrated into a fire hose to facilitate an individual's exit from a structure. The ultraviolet irradiation unit is supported by the X-axis driving mechanism on a rear side. This is made possible by operating with a pre-computed frequency focusing matrix that transforms the data from various frequency slots that are spread across the entire wideband region into a common narrowband frequency for the array outputs. The microneedles are formed with one or more channels of a certain dimension such that passive capillary flow drives a flow of the drug compound. The line width of each alignment mark and the gray level in each pixel column of each gray level portion is measured and analyzed to produce a local tone reproduction curve for each pixel column and associated line width. The intermediate layer a composite of at least two dissimilar materials that is radially oriented and transversely isotropic so that the layer provides unique performance properties when the ball is struck with different clubs.

1459828455-45f4f0d6-fd4b-4527-81a0-c0ed38c4839d

The present invention relates to a bipolar battery having at least two battery cells comprising: a sealed housing, a negative end terminal, a positive end terminal, at least one biplate assembly arranged in a sandwich structure between said negative and positive end terminals, and a separator, including an electrolyte, arranged between each negative and positive electrode forming a battery cell. The detection circuit includes a voltage-measuring circuit for measuring the output voltage of the piezoelectric sensor, a time-measuring circuit for measuring time, and a judging circuit configured to judge the entrapment. A swivel joint is connected to the mounting strap. The written compressed image data is changed in sequence. The PMGD has an average pore size, pore density and thickness that are optimized to control the flow of the gas at the desired flow rate and distribution uniformity at a relatively short distance downstream from the PMGD. The first and second inductance circuits couple to each other in parallel.

1459828455-7c58728e-b837-4205-a179-4b63603ea1d3

In general, the present invention provides a computer apparatus, power supply control method and program for reducing the standby power requirements in a computer supporting a wake-up function. Sequencing numbers are added to the headers of a plurality of data packets which are transmitted over a plurality of data transmission paths. Otherwise the cache mechanism creates a local cache file and satisfies the request from the server, and also fills in a sparse cached file as reads for data in ranges that are missing in the cached file are requested and received from the server. The printer is configured to print the interface onto the surface by printing the visible data and the invisible coded data substantially

simultaneously, using the printing mechanism, in response to actuation of the actuator.

1459828455-9742183b-cbf5-435e-92fc-f983f201a0ae

A surface cleaning apparatus includes a housing with an on-board reactive oxygen species generator which produces reactive oxygen species in situ from fluid stored within an on-board supply tank of the surface cleaning apparatus, and further delivers the generated reactive oxygen species to a cleaning pad attached to the housing of the surface cleaning apparatus. The fixture is adapted to secure to the base of the liner to both unlock and lower the heated liner, such as a silicon carbide liner, at an controlled rate. If the visibility is determined to be poor from information from the sensors, the driver assistance control based on the output information from the forward recognition apparatus is suspended. External terminals for host interface assigned to the other interface circuits are used for double duty to output the interface control signals.

1459828455-e5944482-9af9-463f-aa2a-056ac91c95c2

Provided is a positive photoresist composition comprising a resin which contains specific repeating units and whose dissolving rate toward an alkaline developing solution is increased by the action of an acid and a compound which generates an acid upon irradiation with an actinic ray or a radiation. At a side axially opposite from one side where an outer ring rib of a clutch release bearing is formed, there is provided a first seal member externally fitted to an outer ring to be fixed thereto. The airbag includes a left half airbag to be inflated at a front left side of a vehicle occupant and a right half airbag to be inflated at the front right side of the occupant. Various features of the methods and apparatus are disclosed. An environmental radiation monitor is also provided. Data segments in the system that are not identified or referenced in the active-data-segments set may be removed.

1459828455-e7dc853e-9cde-43cc-8f8d-69565ab6375e

Systems, devices and methods are described for determining attributes identifying media items from other media items. A method according to the present invention includes providing a bias voltage to a back gate of at least one transistor in the SRAM cell, and dynamically controlling the bias voltage based on an operational mode of the SRAM cell. In one embodiment, this proximity analysis is triggered by a detection of movement in a trailer. According to one embodiment, a plurality of discrete fasteners are provided to pass through the support device spaces and the first and second tubular structures.

1459828456-16320e86-3b81-46c4-86a8-06ce999433c7

A monitoring apparatus and a monitoring system monitor a person who removed an output sheet for a print job or a copy job from an image forming apparatus that can be used by a plurality of users. The arrangement according to the invention comprises a detector unit, a communications device, a server and a database connected therewith, and a data presentation means. The task group is assembled with other task groups having identical priorities in a task group queue. The routers include both working data ports and protection data ports with each port including associated transmit and receive terminals. The optical divider means includes at least one aperture extending at least in sections at a specified angle different from 0 degrees to the thickness of said optical divider means.

1459828456-84fff81a-149f-4c20-8a6e-80da3fef8ab8

A holographic HMI allows data and commands to be entered into electronic equipment. The method includes providing a continuous medium that adds a polymer material to the continuous medium. In this manner, when a high voltage is applied to a drain region and 0 V is applied to the gate electrode, the trench bottom surface lower region is depleted, thereby increasing the breakdown voltage in the OFF state.

1459828457-23e60daf-7c6d-4c69-b06c-5fb1b72c5faf

High quality factor inductor elements with dynamically driven, conductive, patterned shields are disclosed wherein a conductive, patterned shield structure layer is provided between the inductor element and the substrate. The method also includes wirelessly transmitting an identification data and/or an integrity information associated with the security seal and/or the utility meter to the external transceiver upon activating the tamper monitoring circuit or being queried by the external transceiver through a transceiver of the tamper monitoring circuit. If a target of interest is detected then an indication is provided, preferably in the form of an audible alert, allowing those nearby time to take cover.

1459828457-a1365ce0-77b9-4a66-9a40-26bf1a5e6dad

A cylinder rod with wear-resistant surface markings is provided. Motion sensors are placed in an area to be protected. The second magnetic body rotates relative to the first magnetic body to selectively locate between an initial position parallel with the second magnetic body and a target position contacted with the switch. The device further comprises a pressure sensor arrangement, arranged to detect and determine the differential pressure between the internal cavity and the exterior of the housing. Further, the digital data playing device is prevented from rising in cost due to the use of simple encryption for data downloaded to the playing device. A compound link is a link that represents travel along multiple links of the electronic map.

1459828457-c6789969-bbc9-4def-ac3f-b0dd466970aa

According to one embodiment, a nonvolatile semiconductor memory device includes first and second stacked structures, first and second semiconductor pillars, first and second memory units, and a semiconductor connection portion. The client node requests access to a resource. A sensor may be cooled by a heat sink such as a pump directing an airstream or a coldfinger. Channel tunes and the channel tune times of the normalized log data can be compared to expected air times of television advertisements on channels, and an impression values, e. The matrix section 12 comprises a first material and the light-emitting sections comprise a second material showing a eutectic relationship with the first material.

1459828457-e8af393c-49d3-47ee-8197-c4610e347463

A dynamic longitudinal connecting member assembly includes an anchor member having an integral or otherwise fixed elongate core of circular or non-circular cross-section. The power supply adapter is provided with a power transmitter for the wireless power transfer to the power supply unit. A shaft couples the mass to the rotor, with the shaft allowing the mass to move vertically up and down. The support may include a base that may include at least one first hole configured to receive a shaft for rotating the display member.

1459828458-08780d2d-284c-47dc-9999-558856c2f4d5

According to one of embodiments, taking in facial image data for a user, extracting feature points of the face of the user from the facial image data and then coding the feature points, and registering the facial image data on a destination management table so that the facial image data is associated with a special identifier and/or the coded feature points. The transport roller can be controlled such that the transport roller receives a leading edge of the original fed from the feeding means at the fixed position, i. The target object is associated with a network adaptor for a network protocol at the remote station. One pixel of an image is formed by a plurality of light spots having different focal positions in at least a sub-scanning direction. The ratio of the maximum signal power to the minimum signal power and the ratio of the maximum noise power to the minimum noise power are pre-determined based on the signal modulation format type and filter passband characteristics.

1459828458-181fa594-951c-413e-ab35-0f6fcd162cee

A method and apparatus for resizing a trunk in a network are disclosed. The radiating plate is formed on the substrate and the radiating plate has a first radiating area, a second radiating area and a slit formed between the first and the second radiating areas. The demodulator demodulates the broadcast signal, and the known sequence detector detects the known data sequence from the demodulated signal. The piston is operatively connectable to the plurality of segments and actuatable for moving the plurality of segments between a disengaged and an engaged position about the tubular. The blade member is for providing support to a plurality of cleaning members and a cleaning blade. The third doped region has the first type conductivity.

1459828458-a17858d4-eb0e-482b-83ca-454862733c13

The present invention relates to measuring devices used in measuring acceleration and, more precisely, to capacitive acceleration sensors. The attenuated type phase shift mask has a reference area allowing a light radiated from a light source to pass through and an amplitude and phase modulation area allowing a part of said light to pass through. The processor, when executing the code comprising the management module, is configured to perform the method below. Using an electro-optical waveguiding fiber in this configuration allows the voltage between two widely spaced points to be accurately measured.

1459828459-7e8eaf2c-e46b-45eb-a37c-b1b817ccfde7

An adjustable aperture apparatus on a bulk material transfer chute that transfers a flow of bulk material from a discharge conveyor to a separate receiving conveyor is automatically closed when no bulk material is being transferred by the transfer chute from the discharge conveyor to the receiving conveyor. Weight compensation means are provided for the vertical displacement, so that the drive can be at least partially relieved of the weight of the functional device. The annealing step primarily removes O and secondarily removes C and S, especially when performed under vacuum, an inert gas, or a reducing ambient such as ammonia plasma. Each of the brackets has a slot that receives a connector, the connector traveling in the slot between inner and outer positions. , by measuring the volume of nitrogen expired after end-passive expiratory switching of the inspired gas from room air to 100% oxygen during the PHA. The first reference leg includes a first transistor having a first size parameter coupled to the current source and a first diode having a second size parameter coupled to the first transistor.

1459828459-8ea10660-36a9-41ca-b157-aaf96fae01f5

A laser spark plug for an internal combustion engine includes at least one element for guiding, shaping and/or generating laser radiation, a combustion chamber window and a housing. In general, the jacking apparatus includes a jacking member which may pivotally couple to the frame of the vehicle. The connected component comprising segmentation tags of preselected image types. A third external contact element and a fourth external contact element, both electrically coupled to the second electrode of the semiconductor chip.

1459828460-063f4ad6-86da-4a51-8898-743ac010741a

Rendering electronic chart objects is provided. The system includes an image reduction system for minimizing size of at least one original image using a plurality of different reduction strategies to generate a plurality of minimized images. Shifting from one gear to another is controlled by a shift controller. User controls allow navigation among buffered designated channels during reception.

1459828460-141f5567-a374-45ec-8e6e-e066837540cf

A surgical microscopy system having an illumination system is provided. The invention is suitable for use in DWDM based optical ring networks, and in particular, in networks constructed having a logical star over physical ring topology. By substituting a post-filter and a perceptual weighting filter of a

prior art with one transcoding filter, the calculation amount of the transcoder is reduced, and speech quality decoded at a receiving end is improved. The absorbent article includes a fluid permeable cover disposed over an absorbent member. Each symbol of the two dimensional constellation is associated with a respective m bit label of the m input bits. In case of a failed acquisition, performing a second acquisition of the modulated signal as a function of a second search frequency interval, narrower than the first frequency interval, and a second reception sensitivity, greater than the first sensitivity and depending on a power of a side lobe of the modulated signal.

1459828460-7162f439-24af-4f1a-9335-404879e426f3

The invention provides a package type semiconductor device and a manufacturing method thereof where reliability is improved without increasing a manufacturing cost. Several blocks are positioned in two spiral rows on the periphery of the drum and are secured to the drum by welding. A first conductor line is placed over the semiconductor chip.

1459828460-b7f9f45a-8820-4a80-86d5-f60f95e92128

A system and method for stacking a predetermined number of nestable objects is disclosed, including several alternative embodiments. A device incorporating teachings of the present invention may include a motion arm extending through an opening in the housing of the device. At a second time, the control circuit performs first control of generating or updating and storing correspondence information. Once over-voltage is detected, the over-voltage indicator pauses detecting, asserts a high level in the indication signal, and periodically resumes detecting until end of over-voltage is detected. simultaneous precipitation, of the said actinides in oxidation states and and a fraction of the singly charged cation. Scheduling functions include full internal scheduling, calendar scheduling in communication with an external scheduler, and external calendar scheduling.

1459828461-a7c45b41-9266-49d6-aaa8-4929e4487894

This invention relates to a hearing device for compensating hearing impairment of a user. For each data set, it may be determined whether the associated paper financial item is a bank of first deposit item or a non-BOFD item. The implementation of the filter circuit is thus simplified, both making the circuit less expensive and giving it a lower power consumption.

1459828461-b564c127-b8ef-4ed4-93df-d99aa69cc86b

A query interpreter may be configured to query a model repository to obtain one or more elements of at least one model associated with a software application and stored in the model repository. The error correction circuitry performs both block error correction in a first data domain and sector error correction in a second data domain. When the handle is reciprocated, the wrench bar drives the pawls to push teeth on the toothed rod, and then the toothed rod is elongated outwards. The receiver output signals generated by the at least one receiver block is indicative of the position of the web of material as the same is moved along the travel path between the transmitter block and the receiver block. A control signal is supplied from the data processing apparatus to the memory card through the control line. In further embodiments, the traffic manager may rewrite a routing table and DNS mapping to implement the preferred source site and path as the default source site and path between the OSP and the destination prefix.

1459828461-be7ad5ca-6b55-4dd2-97f1-5f4667aa0d93

A method for generating a scalar quality metric value for a design solution includes reflectings one or more qualities of the design solution with respect to two or more domains in the system. The method includes providing a diaphragm patch ring. The hybrid yarn filament is arranged in electrical communication with itself or other hybrid yarn filaments during construction of the sleeve to provide uniform shielding against EMI, RFI, and andor ESD. A request to store or retrieve keymap



information for a data object instance may be routed to a particular computing node based on a consistent hashing scheme in which a hash function is applied to a portion of the composite key of the data object instance. The lithographic mask, along with etching processes may be used to transfer a pattern 450a into a layer of a semiconductor device.

1459828461-f520006e-0d25-42fa-9a55-befd66be378d

Systems and methods are provided for offset correction of images from a flat panel detector. Channel components at known OFDM symbol locations are interpolated to other OFDM symbol locations. The web is folded and shaped into a package with a header which includes the semi-circular perforated pattern and the lines of perforation. To perform the translation, the management application identifies the vendor of one or more devices that are affected by the zone control command.

1459828462-13e300e9-b5dd-4747-a5f0-1d925a6e8fab

A policy based service aware engine is provided to dynamically and/or statically provision a traffic navigation processor at a visited network according to service profiles of the home network. These are either separate substrates or a unitary substrate. Alternatively, a switch from n-pass to m-pass mode may occur during a printing operation but with a uniform print medium advance throughout.

1459828462-3d072830-2883-4daa-aea9-cba629497275

The crosslinked material of the present invention is obtainable by crosslinking a propylene resin composition through irradiation with an ionizing radiation wherein the propylene resin composition comprises 100 parts by mass of a propylene resin comprising 15 to 99% by mass of a propylene polymer having a melting point, as measured by a differential scanning calorimeter, of 120 to 170°C. The pigment dispersion solution includes a colored pigment, a dispersant, a binder resin and a solvent, and further includes particles of white pigment. The composite sheet provides a barrier to air and liquid water infiltration while having high moisture vapor permeability and good thermal barrier properties. In maintaining the sleep mode, the processor operates such that all input signals that request the handheld computer to power up remain active but so long as the battery voltage remains below a predetermined voltage the interrupt signals to power up selected applications and devices are masked.

1459828462-a6d03fee-3d84-4856-b7ed-4073954c0a4c

The invention relates to a device for supporting and stabilizing an injured person. The polyurethanes are particularly useful for personal safety equipment and in the construction of automobiles. Image data is constructed based on signals received by the probe and a time-intensity curve is generated from intensity values of the image data. In the subject methods, dry reactants that include calcium and phosphate sources, as well as a monovalent cation dihydrogen phosphate salt, are combined with a setting fluid and the combined reactants are mixed to produce the settable composition. The higher of the two pressures determines the position of a 32 directional control valve which separates the collector line connecting all air spring units from the air pressure accumulator or which connects it to as small a chamber volume of the supply system as possible. The security level needed may be determined based on whether the entities are in the same network or in different networks and/or on the information being transmitted.

1459828462-fd0700f2-a184-42dd-9b3d-d0d27401fb15

Methods of forming a write pole are disclosed. The apparatus comprises, generally, an anode, a cathode, and a selective anode shield material flow assembly. The orbital bonding tool head in turn supports via a novel parallelogram linkage an ultrasonic transducer having fitted therein a downwardly protruding ultrasonic bonding tool, the parallelogram linkage enabling the tool tip to be displaced only vertically in response to reaction forces exerted on the tip in translating the tip downwardly into contact with a workpiece. The area underneath the intermediate

section and above the bottom of the trailer defines a storage area that is not blocked or limited in size by the width of the chassis beams. The coating is composed of at least one layer comprising a cubic c-N-phase without a co-existing amorphous phase.

1459828463-262057de-1836-4c7f-b7d4-68a807a0ba14

An improved intermediate scaffold joint comprising a frame, a first mounting member, a second mounting member, and a vertical stub. Die cutting and matrix removal steps, all carried out in-line in a single pass, produce a multiple layer label. Each segment of the image, as defined by the tile delineations, is sent separately to a data processing unit for processing. When a monopole antenna is used in place of the loop antenna, by combining this with a wire-shaped conductor orthogonal to this, it becomes possible to receive a circular polarized wave by a configuration providing a power transfer part between the two. The third item of data is compared with the first item of data and the second item of data. The movable assembly includes a second magnetic field generator and two guiding holes.

1459828463-5fcb157d-9266-416c-a72b-65cb972d97b5

Described are diol-derived organofunctional silanes in which the silanes contain cyclic and bridged alkoxy groups derived from hydrocarbon-based diols and methods for the preparation of the silanes. The end user can grow the plant in his own way while checking the growth progress on the image even from a remote place. A test device is maintained by the controller, and has a predetermined criteria which determines whether the input signal should be sent on to the controller or not. A Peltier module is fixed to the bottom plate. Die analysis, including, for example, critical timing path analysis, is enhanced by this ability to controllably heat the die. A match with the stored password indicates authentication.

1459828463-65178f34-d052-4a03-941d-a4b5144105c3

A crystallization apparatus includes a light modulation element, and an image forming optical system that forms a light intensity distribution set based on light transmitted through the light modulation element on an irradiation surface. The photo analyzer can then create stacks of the similar photos and determine a representative photo from the similar photos in each stack. Network alternatives may be provided for establishing the second call in response to determining that the quality of the first call is degrading. At least one tie bar is attached to and extends between the die pad and each of the outer and inner dambars. Stencil apparatus can be used to create a design on the tooth using a covering compound.

1459828463-a5cda64a-f1f7-49a8-8956-d3fd72ecba76

Method and apparatus for implanting radially expandable prostheses in the body lumens rely on tacking or anchoring of the prostheses with separately introduced fasteners. The disc-shaped body has two concentric or coaxial recesses defined therein. Tensile stress in a center layer of the film is reduced by increasing N<sub>2</sub> gas flow to the nitrogen plasma, resulting in a Ti:N stoichiometry between 1:2. The training sequence generator further includes a symbol generator to generate a plurality of training symbols satisfying a predetermined constraint such that the training symbols are insensitive to synchronization error and a training sequence forming unit that forms the training sequence from the training symbols generated by the training symbol generator. A method and computer program for performing conditional execution are also claimed.

1459828464-13300708-f26c-4cf3-a18a-19029c68ffba

An indium oxide based material containing carbon, and a method for preparing the same are provided. The walls of the inner pouch are composed of an ultra-thin, heat-sealable film impermeable to body wastes comprising a plasticized biodegradable polyester or copolyester externally covered by a soft, porous, water-disintegratable cover layer of biodegradable and water-dispersible fibers. The coils in the respective active parts are connected in series or in parallel.

Advantageously, the imaged base coat can subsequently be coated with a top coat or stain to modify or enhance the properties or appearance of the design.

1459828464-640f92fd-7a63-4aba-a2a8-b3b02aa9e9f4

An object of the invention is to provide an optical disc in which the influence of recording interference is reduced to make it possible to narrow the interval between adjacent recording tracks and increase the recording density of information. Responsive to determining that a bookmark record including the URL does not exist, an address and a network type for the URL can be determined. To maintain the focal point inside the lamella, the bubbles that result from the photodisruption are measured using a wavefront detector.

1459828464-c479c98a-1f0d-432a-a6fc-9093b21d4510

An article and method for controlling the sign and magnitude of dispersion forces, such as the Casimir force. The items may include upholstered or non-upholstered sports stadium chairs or other soft-covered items such as leather jackets or golf bags without detracting from their appearance, even if the panel is removed. At ambient temperature said compound containing reactive hydrogen is a solid material, a powder, a granule, a flake or grind or a mixture thereof which is preferably ground.

1459828464-d62e4445-f79e-478e-9ddd-2c3cab755e01

A unit and method for remotely monitoring and/or controlling an apparatus and specifically for remotely monitoring and/or controlling street lamps. The object of the present invention is to mitigate the effect and to prevent damage caused by the lack of strength in thinned semiconductor substrates. The piston divides the interior of the housing into two fluid-charged chambers. In one embodiment, the pressure at the secondary structure is less than one atmosphere over all diameters of the moving recording medium. The compositions which harden into highly resilient solid masses having high strengths are basically comprised of a hydraulic cement, an aqueous rubber latex, an aqueous rubber latex stabilizing surfactant and silica hydrophobicized with silicon oil.

1459828464-e8900c36-00d0-4e44-acae-77a2f3e6ea5e

Five electronic control units control vehicle devices using CAN protocol. The state machine generates a state signal indicating a state of the IO interface in a next clock cycle. A connecting strap preferably extends circumferentially around the first and second bodies and releasably secures the first and second bodies together when the first body is in the first position.

1459828465-0a63acfb-663f-42f0-9db0-a65f03f704e5

A polyimide resin composition comprising a polyimide resin and at least one 1H-tetrazole selected from the group consisting of 1H-tetrazole, 5,5-bis-1H-tetrazole, and derivatives thereof, and having an excellent rust preventing effect on copper and copper alloys. In some embodiments, the molecular profiling can be used to identify treatments for a disease, such as treatments that were not initially identified as a treatment for the disease or not expected to be a treatment for a particular disease. The wings can take deformed-deployed configurations when the winged body is towed at a relatively high speed through the water.

1459828465-a57e62d1-ccbe-45c9-b393-3436d3a41f08

A radio frequency identification tag is coupled to a circuit board to track the specific operating and environmental conditions of each manufacturing stage as the circuit board passes through the manufacturing stages. The arrow shaft provides an accurate and easy fletching thanks to fletching indication patterns formed on the outer circumferential surface of the arrow shaft body, and also provides an easy aligning of fletchings to any position of the arrow shaft body with the fletching indication patterns depending on characteristics of users. The alternate feedwater injection system includes a water storage tank, an injection point into the primary

system, a pump capable to transfer water from the water storage tank to the injection point and ultimately to the reactor core.

1459828465-cd2d9851-b054-439c-a47c-8fddd12e809c

An image forming apparatus 1 comprises a toner cartridge, a display portion 33 for notifying a toner near-empty, storage portions 34, 37 for storing, as data, a toner amount housed in a new toner cartridge, a toner consumption amount when the toner cartridge is used and operating time of the image forming apparatus, and a control portion 31 for executing a program for notifying a toner near-empty. The piston cooling device is provided with a piston for an internal combustion engine, in which a circumferential passage and a cooling passage having an inlet passage and an outlet passage are provided, and an oil jet for injecting oil from an injection port to the inlet passage. The invention also provides antiseptics that are useful as general surface disinfectants and sterilizers, fluid disinfectants and biocide preservatives. The information handling system can also include a UPS controller coupled to the power circuit.

1459828465-dcd0bc28-5495-45dd-891b-9496dfc4393d

Dynamic generation of target files is described. To help expel the material from the barrel, the syringes of the invention include sealing means that are configured to seal the stem of the plunger to the barrel. The cloth may have a first configuration wherein the cloth is retracted substantially into the cover member, and a second configuration wherein the cloth is extended substantially out of the cover member without becoming detached therefrom. A second TEOS-03 film having a relatively small water content is formed on the first TEOS-03 film through second TEOS-03 CVD where the ozone concentration is relatively high. The synthetic jets are arranged within the lighting system such that they are secured at contact points. The first and second results are then combined to substantially remove the offset error.

1459828466-7b4ecdaf-933b-42fe-8203-047e8a51c56d

A method and device provides features for the temporary \u201cparking\u201d of sutures with respect to a cannula. In particular, the present invention includes a pre-transmission processing module which is structured and configured to generate a partially processed signal. A first memory device is coupled to the processor for storing the digital signals representing the pump motor operating parameters. The airbag further includes a connecting member for connecting the left half airbag and the right half airbag at facing portions thereof.

1459828466-8c9a22fd-57c0-45cf-968e-9255d97ae69f

The present invention describes novel, cost-effective and rapid processes suitable for recycling and degradation of specially designed plastics, which are instantly degradable synthetic polymeric plastics having the characteristics and properties of conventional forms of plastics. In one embodiment, a boron doped diamond cold cathode is formed into the cantilever with an associated accelerating electrode and secondary electron collection electrode. This bit string or a compressed version of this bit string is transferred in real-time over a management channel to a first central processing unit in a network node where the bit string is compacted or processed.

1459828466-a0237461-8b66-415c-ae2e-9677ee19a705

On the front surface side of a cooler, a filter mounting portion provided with a filter abutment surface with which a filter is brought into abutment from the front side of the filter mounting portion is provided. The control system also includes an actuator control module that regulates an engine speed based on a desired idle speed when an engine idle mode is enabled and a balancing module that balances torque produced by cylinders of an engine based on the engine speed signal when the engine idle mode is enabled. In one embodiment, an imprint is created by a person stepping onto a foam member.

1459828466-ada9367e-2c03-444f-83f3-2edc577e361f

The present invention discloses a composition of a stable suspension of a poorly water soluble pharmaceutical agent or cosmetic in the form of particles of the pharmaceutical agent or cosmetic suspended in a frozen aqueous matrix and method for its preparation. Additionally, the apparatus can include a high efficiency pressure controller for controlling the output of the vacuum pump. In the preferred embodiments, elements of a same precoding matrix for antennas of same RRH are all zero or non-zero. An upper member in the fluid-metering assembly can be moved to stabilize, steer, and change TFA within the drill bit.

1459828466-b467a505-0574-4da9-80a0-502a42d0747a

The present invention relates to a locking system designed for packages intended particularly for packing make-up comprising refills without the use of adhesives. The vehicle has a rear frame section with two wheels that is connected to the front frame section such that it can tilt. In one embodiment, each of the elements comprises a center part and peripheral part having a higher refractive than the central part.

1459828466-b9a6130f-7ea3-463b-9341-4d632a0e8c99

A coating such as liquid milk chocolate is applied to articles such as confectionery bars. A fuel assembly comprises spacing grids comprising cells formed by orthogonal crossing plates. A dielectric layer and an upper metal layer patterned using the same mask are provided on the lower metal layer.

1459828466-d0eda8cf-9af0-4c7a-80a7-75b04fa68ce2

A method of manufacturing a printhead assembly for an A4 pagewidth drop on demand printer includes a number of printhead modules situated along a metal channel. , with said contactor performing the contact in liquid-liquid counter-current between a heavy phase and a light phase, with said heavy phase being able to be either an oil-rich phase or an alcohol-rich phase. A guide opening extends through the cross member.

1459828467-36b8443c-26c2-4ec4-95f5-9fda5a929be1

A cover restricting mechanism is adapted for use in a foldable electronic device. Other schemes include a rear-addressing scheme which uses a retroreflecting surface to enable greater viewing angle and contrast. The macro data includes a set of execution entries, each of which includes data for a user interface task for a user interface object and a time for the user interface task. The computers replicate the objects in the directories and update the individual linked values of the attributes. The control system configures the impedances between the sensing electrode and the shield electrode, is configured to measure current to the sensing electrode in each configuration, and is configured to calculate a measure related to the impedance from the sensing electrode to ground.

1459828467-4f73a6b8-f57f-4bae-b275-78c9594688dc

Provided is a process for adsorptive separation of p-xylene from an aromatic hydrocarbon mixture comprising other isomers of xylene, and a device used therein. The device may also include regions for causing transport of charge carriers through the superlattice in a parallel direction relative to the stacked groups of layers. The running carriages may be moved between a front end position and a rear end position in a differential manner.

1459828467-83791f32-15e0-49b7-8f6e-6ea3bcde3048

A plurality of optical members for use in ultraviolet region are mutually stuck. A second deceleration and reduction of the gas phase occurs at the outlet of the second nozzle. The nitride particles are present in a volume fraction in the range of 0. If the calculated WSI is greater than the encoded WSI value, a unit of integrated WSI is accumulated. The length of sample delay buffers within the

equalizer, in combination with the input sample rate, determines the maximum secondary signal delay accommodated by the equalizer.

1459828467-fbe6451f-8f29-4a04-a4cb-09dd2a9c9763

Polynucleotide sequences encoding eukaryotic Rrn3 polypeptides are provided. The capacity of the power gating transistor is determined by first estimating a capacity necessary to meet the demands of all design elements connected to the transistor. The deletion unit determines, from among a plurality of broadcast programs recorded on the storage unit, a broadcast program which becomes a target of deletion, based on an audio signal or a rating of each broadcast program, in cases where a video recording capacity of the storage unit becomes smaller than a predetermined value. The methods and systems can use the time dependent addresses and profiles to distinguish legitimate accesses from unauthorized or malicious ones.

1459828469-321de105-1636-4f1d-9a6e-abfea9f9b275

The present invention is in the field of electrophotographic printers and copiers. Upon receiving a request to access the user account, a determination of whether the user account is in a throttled state may be made. Based on the maximum permitted rates and the burst access thresholds, each source node in the network then controls, at the burst level, the traffic accessing the network and reserves for each admitted burst the burst peak packet rate on a predetermined route, without communicating with other nodes in the network. A final rank corresponding to each of the plurality of digital images is then determined based on the one or more ranks assigned by the one or more crowdworkers to each digital image of the plurality of groups. The control unit 11 also refers to the end pointer for confidential print jobs and moves the confidential print job A to the end of the confidential print jobs.

1459828469-a6170a57-49cc-4ca1-8e73-e0dabf1be7d5

A method and an apparatus for data communication using digital image processing are provided. The at least one fastener includes a bolt extending through the tapered edge and the flared edge, and the bolt is arranged substantially perpendicular to a longitudinal axis of the first and second wall sections. Under the condition of satisfying schedule limitation and power limitation, the method can, by uniting schedule and resource allocation, efficiently optimize system performance with less computing complexity. A cross-correlation module is configured to calculate first and second cross-correlation values of the uplink signal RZ for values of 1 selected such that the sum of the received power from the first UE and the second UE can be accurately estimated.

1459828469-dd3542cd-a9ec-4846-88fa-1833ca273522

A device for warming a shoe is disclosed. The signal terminal duos have two signal terminals. The transformers have secondary windings, each of which is divided at the middle point. The chamber is useful for allowing wet samples including living cells to be viewed under an electron microscope. In particular the present invention relates to the use of a polymer-based hydrogel consisting of at least one water-soluble polymer in a sensor for enriching a dissolved glucose-binding protein, wherein the at least one water-soluble polymer is capable of interacting with the glucose-binding protein and wherein the glucose-binding protein is present in a complex with a ligand.

1459828470-5c7b92c0-159a-4cb2-8f9a-77bd467859d6

A Raman amplifier system is provided for amplifying optical signals that are transmitted via a transmission medium, the series circuit being composed of a standard single-mode fiber arranged on a transmit side, and a second optical fiber arranged on a receive side. Each wheel support structure is mounted to the chassis by a transversely extending support shaft which is slidably mounted within a bearing block. Reverse link multicast long code covers are assigned by a base

station controller and transmitted to the mobile station on a forward channel as derived from the multicast IP address.

1459828470-ef84b864-2474-40b5-b129-e58a4208076e

A variety of structures, methods, systems, and configurations can support plasmons for logic. The compounds are useful for the treatment and/or prophylaxis of diseases that are associated with the activation of the glycogen synthase enzyme, such as diabetes. The user's computer is connected to an advertiser's location in response to extracting a representation of the audio signal including at least the unique coded information. If this limitation is satisfied, both cones can be created with a single machine set up operating from one side of the integrated hub. A first insulating layer made up of an insulated multiple high nitride ceramic layer of low thermal conductivity made of a chemical compound of at least Si, plural transition metals and nitrogen is formed on the heat insulating layer, and a second insulating layer made up of an SiO<sub>2</sub> layer of high insulation characteristics or an Al<sub>2</sub>O<sub>3</sub> layer is formed on the first insulating layer. The lead frame has at least one cooling surface, which is connected in a thermally conductive manner to a thermal contact of the integrated circuit or circuits.

1459828471-4ff70679-a734-43eb-84ec-ec7da99ccf81

A transmission terminal is connected to a management device via a network. The apparatus also includes a mechanism for controlling a flow of inflation fluid through the vent opening. The compacting surface is defined by a series of angularly spaced salient points and a corresponding series of compacting faces. If a liquid leak is not detected for a period of time, the wetness sensor can enter a low power state, extending the life of the device.

1459828471-cdec6b26-14df-4375-a32c-98670aad9a17

A driving circuit includes first and second switches coupled in series, a delay generating circuit and a delay controlling circuit. The opening feature may include an integral flap separable from the remainder of the package to form an access opening to an interior of the package. In some embodiments, the system includes multiple sensors where differences in the capacitive measurements of the sensors can be used to determine information about the radiation such as e. The first members include spaced alignment formations arranged to align the placement of articles on the surface.

1459828472-19f78263-017e-443e-b34e-b85580018b56

A crankshaft, for use with a variable compression ratio engine having a connecting rod and a rod bearing, includes a crankpin adapted to be coupled to the connecting rod with the rod bearing disposed between the crankpin and the connecting rod. In some fiber lasers and amplifiers having large cores problems exist related to energy being generated at multiple-modes, and of mode hopping due to limited control of energy levels and fluctuations. The values thus measured are inspected for conformance to an absolute tolerance range. A display device is capable of receiving a plurality of electrical signals from the thermal scanner generating and displaying a graphical image of the formed mat temperature profile. An ecology valve for use in the fuel system is also described.

1459828472-3372dc54-5818-46e7-be05-e22de9a90aa4

A non-volatile memory and a manufacturing method thereof are provided. One or more rods is disposed below a bottom cap of the reactor pressure tank. The data is organized into groups which represent a collection of information including one or more data fields. The surface energy applicator is operated during each print cycle to alter the surface energy of the blanket for each ink image formed on the blanket.

1459828472-b39cc57e-23fc-441f-91d7-f014e88f5525

A combined battery and wireless-communications apparatus and method. Upon entry of

a request to establish communications between calling and called electronic devices, the system initially looks towards a primary service provider. The speech recognition and synthesis systems and input device are operatively coupled to a processor and storage devices having a plurality of different types of data stored thereon.

1459828473-50c28567-4059-4c1d-b1ec-c7383bc3da79

Provided herein is a method and system for segmenting work implemented in a contact center server. Typically, a densitometer employs a light source that is configured to transmit light across the gap and a detector, opposite the light source, configured to detect light transmitted from the light source, across the gap, for calculating the optical density of the fluid. In particular, therapeutic agents include naked or formulated nucleic acid, polypeptides and chemotherapeutic agents. Specifically, the drain current  $I_d$  of a transistor for supplying a current to the OLED is controlled in a signal line drive circuit thereby keeping constant the drain current  $I_d$  without relying upon the value of a load resistance. A data in/out streaming state machine controls streaming bulk data through the bulk data-in and data-out pipes, while a status streaming state machine controls streaming status packets through the status pipe. When the profile is set as the active profile and an incoming call is received, an automatic response is provided to the incoming call in accordance with the setting.

1459828473-b79eeb32-4828-4c33-bb17-897075a9a092

A method and apparatus for securing, loading and singularly dispensing bags in a bag bundle from a dispensing hook includes a bag bundle formed from a plurality of stacked bags. The multi-speed ram advancement system includes a hydraulic pump connected to the hydraulic conduit system of the frame; and a conduit tube extending into a hydraulic chamber inside the ram and fixedly connected to the frame. The acceptance and dropping is repeated until the attack is defeated. The evaluation unit evaluates whether a converged calculation result is a pattern exhibiting a desired current-voltage characteristic of the cells. PCC value denoting the number of projections on the film per a unit of area along a mean roughness plane and the three-dimensional surface roughness SRA satisfy the following relationship:  $PCC\ value \geq 7000 - 45000 SRA$ .

1459828473-e18262c8-1cc8-49f7-8983-c86c1a7d7b2c

A method for immobilizing biological polymers such as DNA or proteins, on a solid support, by ionocovalent bond, for making biochips, and the resulting chips obtained by the method. In the preferred embodiment, three serial communications ports are interfaced such that any two may be interconnected for communications. In addition, expansion of a target range of the user's interest is quantitatively grasped as distance information, and when the distance information satisfies a predetermined condition, the search condition is updated to reflect the expansion of the target range of the user's interest in the search condition.

1459828473-f8cfbaf8-f6c3-4fcf-b48e-4b100f554e48

A garment includes an outer garment having a skirt portion with an inner side and a pair of elastic tethers having first fastening elements, and an undergarment having a front panel and a pair of second fastening elements. Applications of those processes include the detection of single nucleotide polymorphisms, identification of single base changes, speciation, determination of viral load, genotyping, medical marker diagnostics, and the like. The present invention further provides polymeric materials and optical devices made using these compositions. The weighting coefficients are initially set based on an MMSELS type of signal processing criteria, where the reference signal is the Training Sequence Code.

1459828474-217de84f-c95e-476a-b008-bcfbb098811e

A variety of sugar maple which combines unusually dark green summer foliage and bright red fall color with an upright branch orientation, straight trunk, and



narrowly oval to oval canopy shape. The method provides for constructing N-phase coupled inductors as both single and scalable magnetic structures, where N is an integer greater than 1. Means are provided for preparing an emission surface of the target positioned in the standby position to have a predetermined morphology. The mechanism builds keys to index the data and stores the keys and the data in a Virtual Storage Access Method store having Key Sequenced Data Sets maintained separate from the log record store for the DB2 Log. A suction nozzle is secured to the base portion and in fluid communication with the recovery tank. Furthermore, a process for the production of the cells according to the invention is provided, as well as the novel use of a composition which can be used as active material for the memory cells.

1459828474-e753f5e6-813d-47a6-9caa-4627e80ca9f9

A motor control device according to an embodiment includes a first subtractor, a speed controller, and a phase compensating speed observer. Thus, in the case that the door rotation restricting means is in the operating state, even if the door is pushed by the accommodated baby from the inside of the hood under the state wherein the door is not fixed by the door fixing means in a closing state, the door does not rotate in the opening direction beyond the operating angle and the angle of the door does not exceed the operating angle. The table of nodes includes at least one table entry. The invention can be used to temporarily replace the normal data input and output of an IP core with stimuli and responses used for a variety of purposes. The shaping circuit divides the frequency of the pulsing signal by a second predetermined value and shapes the pulsing signal into a clock signal with a predetermined duty cycle, and outputs the divided and shaped pulsing signal as an output clock signal.

1459828475-12f3225b-da66-47f3-9e42-2f0462cadbf1

A high-altitude aircraft powerplant including an engine, a two-stage turbocharger having an intercooler and an aftercooler, a cryogenic hydrogen fuel source, and a cooling system including a hydrogen heat exchanger. The  $\text{Al}_{203}$  layer has a thickness ranging from about 2-9  $\mu\text{m}$  and is composed of columnar grains having a lengthwidth ratio from about 2-12. Also, the refrigerating apparatus restrains a refrigerant from leaking between an impeller and a diffuser, and increases the efficiency of the turbo compressor. The stability of the physical properties of the produced vinyl polymer hydrogel can be enhanced by controlling the amount of covalent crosslinks. The conditioned clock pulse is resent through a node to the correction block and leak detector where it is reevaluated.

1459828475-462ea478-9c00-49f6-a718-0e193e773a4a

A non-volatile semiconductor device has a memory cell array having electrically erasable programmable non-volatile memory cells, reprogramming and retrieval circuits that temporarily store data to be programmed in the memory cell array and sense data retrieved from the memory cell array. The diameter of all coaxial holes in the housing on the male rotor side, and the diameters of all coaxial holes in the housing on the female rotor side, decrease from the open to the closed end of the housing section. A determination unit receives a result of the detection from the detection unit and determines occurrence of a trouble of the layered composition portion based on the received result of the detection. The jaw with clamping screw locks the micrometer at the proper angle and position with the anvil over the well center.

1459828475-7727a040-46d3-4197-84c6-b321596e40c9

A femoral implant for fitting to a resected femur comprises a section having a frustoconical external form, a stem part extending away from the section to a distal end of the implant, and a femoral head extending directly away from the section to the proximal end of the implant. That is, at least a portion of the band is bendable by a user such that the band returns to its original form when released by the user. The method also includes applying a solution to the conductive

surface, the solution comprising at least one charged particle. The one or two symbols that include the control information are monitored. A compound represented by the formula I: wherein each symbol is as defined in the specification, a pharmacologically acceptable salt thereof, and a medicament containing the compound as an active ingredient. The dressing tool is an essentially cylindrical gear wheel, having an abrasive coating on the surface that effects the dressing, which is brought into engagement with the grinding worm to move relative to the grinding worm in axial direction of the same to profile the flanks of the grinding worm.

1459828476-3dcf2d8d-039b-4ccc-aa6d-e9f121ad39f9

Methods and associated hub arrangements are described for use in diagnosis and recovery in high performance digital loops such as, for example, those seen in Fibre Channel systems. This process essentially eliminates exploding vias due to vias extending beyond the edge of metal lines. The modular tower is constructed from sections.

1459828476-5d3497a7-31c5-47d7-8945-32547d777781

Embodiments disclosed herein provide systems and methods for an in-ground sprinkler to controller a liquid flow rate through a chamber, while reducing or eliminating leakage. RFID transaction device includes a transactions counter for tallying the number of transactions attempted or completed with the RFID transactions device. The pocket is made by forming mirror image indentions in the land portions of the two sides of a sheet metal workpiece such that, when the two sides are folded together, the indentions cooperate to form the pocket. the reliability of submember is enhanced;.

1459828476-d98fed1e-9c10-4794-a587-9c56c7b6aa7e

A device configured for capture of activity data for a user includes a housing, a sensor, a motor, a memory, and a processor. Accordingly, the control unit can be shared among a plurality of types of uninterruptible power supply devices. A drain region of the drive transistor and a source region of the select transistor are asymmetrically arranged. A fuel accumulation bore is provided between inner circumference of the cylindrical valve body and outer circumference of the nozzle needle. Also disclosed is a polarization-maintaining double-clad fiber comprising one or both of at least one circular axially extending stress inducing region and an inner cladding comprising a circular outer perimeter. The plurality of DSL systems are ranked based on a ranking characteristic different than the common static characteristic.

1459828477-61c67361-3566-4ee1-846f-8ecd08a6cd07

Improved vocal signals are obtained in headsets and similar devices by including a microphone inside a chamber formed at least in part by the wearer's ear. The system comprises a computer system including a processor, a memory coupled with the processor, an input coupled with the processor for receiving a series of image frames from a camera, and an output coupled with the processor for outputting a path of a pointer. The node names are represented as node patterns and grouped into node pattern sets. The set of extension cables may provide electrical connection between the terminal block and one or more terminals disposed on a back plane associated with the shelf unit. The method includes transmitting a sample of the multi-dimensional symbol using K transmit antennas. The particulates formed by milling are shot off from the outlet on the sidewall of the outer disk.

1459828477-7e1cf9c4-1ef9-4197-862e-a52a3d0d291c

A position sensitive radiation spectrometer for identifying, quantifying, and locating a radioactive source in a target. One of the two power supply lines is connected with an externally located main power source, and the other power supply line is connected with an externally located backup power source. The data streams are synchronized using a navigation file, which comprises descriptors pointing to parts of said data streams, wherein said descriptors define the arrangement in time

for said data streams by means of data sub stream paths.

1459828477-e3d9ddcc-34ae-4348-a33a-c08a556f64b8

A shrink film includes an internal layer including a styrenebutadienestyrene block copolymer; and first and second outer layers including an olefinic polymer. The photo mask blank permits the production of a phase-shift photo mask having a high transmittance at an exposure wavelength and a low reflectance as well as a low transmittance at a defect-inspection wavelength. According to a second operation, a process to add video material or delete video material specified from the video materials belonging to the group is performed. It is possible after detection of the strength of each beam to introduce a correction, reflecting the signal-to-noise ratio. The light emitting device package includes a package body, an electrode formed on at least one surface of the package body, a light emitting device mounted on the package body, and a phosphor layer enclosing the light emitting device while having a uniform thickness around the light emitting device.

1459828478-4f6fac3c-56c7-4ff5-a34e-25f0e0a41e60

A semiconductor device includes a trench isolating elements, a memory cell transistor and a peripheral circuit Vcc transistor having a thermal oxide film of a first thickness, and a peripheral circuit Vpp transistor including a thermal oxide film and a thermal oxide film formed before trench formation, having a second thickness greater than the first thickness. The body is of material varying in length through application of electric and/or magnetic fields. Comparison of the user's preferences with the various profiles allows the user only to be informed of those persons that it is likely to be interested in. A cable-receiving passageway extends through the bushing to permit one or more cables to be passed therethrough. The difference between a current elevation and the reference elevation is determined and this difference is divided by a floor height to obtain a floor number. Then, the job created in this manner is activated.

1459828478-bf247853-69d9-48ce-aa66-9baf271a2e21

A method of providing caller information can include receiving a voice signal, detecting portions of the voice signal that are inaudible using a perceptual audio processor, replacing the inaudible portions of the voice signal with digital caller information, and transmitting the resulting voice signal specifying the digital caller information. In a preferred embodiment a plurality of users interact in the three-dimensional, computer-generated graphical space where each user executes a client process to view a virtual world from the perspective of that user. The display track may be lowered or pivoted to properly display the item, motion of the display frame and track may be controlled by computer. This drive signal is applied to a fluid dispenser to cause fluid ejection. The femoral hip prosthesis elastically deforms when loaded during use to apply dynamic compressive loads and displacement to the calcar region of the resected proximal femur.

1459828478-f5b59b21-ac94-4371-87e7-650c6217e297

A liquid crystal panel includes a signal transmission section and a flexible printed circuit. When the terminal is a PC, moving image data is sent directly from a moving image buffer memory to a transmission image memory. A plurality of lips integral with the plurality of prongs and extending upwardly from the lower end portions thereof, respectively, receive bacon strips therealong. The open reservoir and reaction chamber are each connected to the pump chamber through the channels. The second fin structure is formed by the first semiconductor material layer as a lower portion and the semiconductor oxide layer as a first middle portion, the first semiconductor material layer as a second middle portion beside the first middle and the second semiconductor material layer as an upper portion. The at least one controller may, for each of the cells, determine a capacity of the cell, determine a duration of time to supply cell load current to reduce the determined capacity of the cell to a value approximately equal to a minimum of the determined capacities, and cause the cell to supply cell load current for the determined

duration of time to balance the battery.

1459828479-154e5cbc-a1d1-473d-a54b-5b35d0fe90cb

Method and system for implementing a backup in a cluster comprising a plurality of interconnected nodes, at least one of the nodes comprising a cluster resource manager, and at least one of the nodes comprising a policy engine, the PE maintaining at least one dependency associated with at least a first resource executing on at least one of the nodes. A cylindrical part without threads formed thereon is provided on the leading end side of a metal housing of a spark plug and the thermal stress applied to a mounting hole is mitigated by avoiding close contact with the mounting hole of an engine head. Power consumption is reduced from approximately 35 watts to 10 watts. Means are also provided for determining from the retinal wavefront data aberrations in the optical system.

1459828479-ad9808b9-21df-4cef-8ace-80f0cb65f4ae

Protecting elements are respectively connected between a control terminal Ctl and a ground terminal GND of a logic circuit L, between a point Cp and a ground terminal GND, and between a power supply terminal VDD and a ground terminal GND thereof. The system further includes a process air line branching off from the engine bleed air line such that the engine bleed air is supplied to the process air line and connecting to an input side of a turbine. Knowing the compressibility factor of the gas, the temperature, and the diameter of the pipe, the wall thickness of the pipe may be calculated for the pressure range of the gas at the selected temperature. The wire unit includes a pair of second pivot parts pivotally retained at aligned pairs of the second and third pivot holes to permit relative rotation between the wireless transceiver module and the coupling base about the second pivot axis. The methods semi-automatically or automatically delineate an item in an image, receive a 3D model of the item, matches said item to said 3D model, and send the matched 3D model to a 3D printer.

1459828480-24d744fd-3e64-4ed5-a8f5-5fb873c274b7

A light emitting device having excellent characteristics such as light emitting efficiency and the like and electrical equipment provided with such a light emitting device and having high reliability are provided. A number of electrical contact points with which contact may be created via electrical contact elements are provided on one side of the sensor element. The pendulum movement of the pipe cathode is preferably such that the pipe cathode is rotated by a certain first angle in a first direction and subsequently by a certain second angle in a second direction, the second angle differing from the first angle. The processing unit produces a second image data according to the first image data and produces an image parameter according to the second image data.

1459828480-88cc912d-357a-4c9a-803d-2ba6901fa94d

The invention is directed to neurological lead extensions without set screws, set screw blocks, or set screw inserts. A movable contact section includes a plurality of movable contacts and has elasticity. A thermal barrier is disposed between the one or more photovoltaic cells and the building, isolating the two from one another. 1 \u03bcm, and which is ejected at an incident angle of equal to or less than 80 degrees with respect to the other surface of the metal plate, and at an ejection pressure of 0.

1459828480-9c458dcf-9182-408f-be08-20d67efa7648

Consistent with one example embodiment, communications systems, using a serial data transfer bus having a serial data line and a clock line used to implement a communications protocol, incorporate programmable loading of a logic value into parallel slave device registers. A portion of the wastewater is diverted from a sewer main. An integrating analog to digital converter circuit receives the generated current flow voltages from the I-V controller and performs measurement cycles thereon. When the connecting element is in the rotating portion, the cover

is rotatable with respect to the base. The server then requests a storage system for each file having an elapsed time less than or equal to a pre-determined time limit using an internal-retry request and requests from the storage system each file having an elapsed time greater than a pre-determined time limit using a fail-fast request.

1459828480-feb7ab38-431e-4039-adb4-aa52cc49ee03

A dual electrode arrangement, is provided, wherein two, preferably unidirectional, electrode configurations flank a nerve junction from which a preselected nerve branch issues, proximally and distally to the junction, with respect to the brain. The sensor chip is inserted into a chip housing, the bumps making contact with corresponding connecting leads belonging to the chip housing. Different numbers of the delay elements are configured to produce different asynchronous delays and to strobe sequential pipeline elements of the memory device. The cages accept large, flat objects such as drywall panels or plywood supporting them for safe transportation. A centroid calculation can be included to bias the voltage-controlled oscillator to push the equalizer coefficients back to the ideal position.

1459828481-03b53640-2499-4872-9811-8180fad5828f

A semiconductor device includes a first insulating film formed above a semiconductor substrate, a fuse formed above the first insulating film, a second insulating film formed above the first insulating film and the fuse and including an opening reaching the fuse, and a third insulating film formed above the second insulating film and in the opening. The search index can be divided into partitions with a partition assigned a first capacity utilization threshold and a second capacity utilization threshold. Consequently, a system developer or integration programmer can focus on functions of the interfaces required for the integration and no longer have to deal with the construction and processing of messages of the interfaces.

1459828481-29167607-b13e-4cfd-8ccc-a46f0215120b

A micropower apparatus and method for milliohm resistance detection includes a drive circuit and a monitoring circuit. The method includes combining in a solution a DNA-containing biological sample, a salt, a cationic surfactant, and a DNA-binding carrier, the solution having a salt concentration higher than the DNA precipitation inhibition-initiating concentration, to lyse the DNA-containing biological sample and to bind DNA to the DNA-binding carrier while in the solution to form a bound DNA-carrier. The positioning device is disposed on an interior face of the sidewall for removably securing a combination amplifier. Customers search the database, and if previously registered and accepted by the vendor, the customer can reserve a defined quantity of G-S in accordance with set-aside parameters, request a quote, and/or purchase G-S from the vendor. This event is detected as a transient current by a voltage clamp amplifier. The sheet material may also be provided with a self-latching structure.

1459828481-ea4def94-b45b-4e45-9767-7755ddfb7595

A system and method for coordinated manipulation of multiple displayed maps, even when the maps use different internal coordinate systems. Guide information for time periods in the near future is transmitted more frequently than guide information for later time periods. These systems and methods may, in another embodiment, provide data in response to a query made by a user to an electronic form that was previously associated with the electronic form, the user, and the query. A sensor receives the secondary beam and provides analog signals having properties that are characteristic of the secondary beam. The first transceiver is able to receive, over at least a subset of the set of wires utilized for the downstream multiplexed transmission, an upstream transmission comprising a second direction of the bidirectional data channel. The mounting portions are fixed to the side plate.

1459828482-97d18855-60e3-4f9d-9c19-fff9cd384aef

A method for displaying a plurality of windows on a display screen is described. Embodiments of the invention provide fully programmable hardware in which all of the states of an RE are instantiated and all of the states are fully connected. The subsequently falling coins form additional rows vertically above the previous rows in a well-ordered manner by gravity assist and judiciously spaced guides on the sides. A mechanism is provided within the passageway for exerting a bias force against the pressure responsive element which is sufficient to close the inlet opening to fluid flow absent a pre-established level of fluid pressure exerted on the pressure responsive element.

1459828482-b954fc72-6be6-4061-9c04-610ab3722295

Method for redirecting outbound VLAN traffic away from an inactive external port of a switch. The method includes the following steps: formation or application of a function layer onto the substrate, removing the function layer from the substrate at the chip positions at least in the region of contacts to uncover the contacts, tacking chips onto one chip contact side of the function layer at the chip positions and contacting the chips with the contacts via contact elements. The forceps are fabricated of a non-heat treatable metal and the gripping platforms are manually adjustable. This apparatus includes a video input port, for receiving video data for a current video frame, and a video input buffer, for storing video data from the video input port.

1459828482-bf65aff1-5b60-4178-8fd6-143383612940

According to one aspect of the invention, a method is provided in which one or more write commands and their corresponding write data are received from a first device. The solution contains varied amounts of glucose, pyruvates, amino acids, vitamins K5 and C, antioxidants, fatty acids to supply the specimens with the chemical ingredients and uptake requirements required to recover and prosper during and after the cryopreservation process. A high priority task scrubs a deduplicated data object when a priority attribute indicates that the deduplicated data object is used by a critical source data object. A cap layer may be positioned over and in contact relationship with the support member. The transmission has a device that detects the clutch torque transmitted by the friction clutch of the active transmission path, which is coupled to the output shaft, and, when the clutch torque falls below threshold value, initiates a disengagement of the active gear ratio.

1459828483-22d25897-3141-4dc1-981e-84eeab6909c8

An apparatus comprising a first quantizer circuit, a memory and a second quantizer circuit. Electronic appliances such as computers equipped in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. An adhesive is applied to an outer periphery of the upper member and to an upper periphery of the lower member, and a protective ring is positioned around the outer periphery of the upper member and the upper periphery of the lower member. , DPMFDPMS signals, output from Micom, the controller, are all \u201cLow\u201d and \u201cLow\u201d, a main power switch is turned off. Then a first reliable region that comprises at least one intra-coded coding block is determined, and the first reliable region in the video sequence is encoded such that creation of an information dependency between the first reliable region and coding blocks outside the first reliable region is prevented.

1459828483-382e9bdb-125f-4606-bed0-5b411c6c9fba

An induction furnace includes an induction coil, an electrically non-conductive crucible having an inner diameter disposed within the induction coil, and an electrically conductive member disposed below the crucible and having an outer diameter which is further from the induction coil than is the inner diameter of the crucible. A diffraction optical element is disposed in a light path of a first

light beam of a first wavelength  $\lambda_1$  and a second light beam of a second wavelength  $\lambda_2$ . Either the cathode or the anode or both include metal oxide coating layers on electrode active material particles forming the electrode or a metal oxide coating layer on the surface of an electrode layer formed on a current collector. The electron emission unit includes a first electrode, a second electrode, and a plurality of electron emitters. Alternatively, the storage system can also generate a first set of metadata associated with a first set of stored data, generate a second set of stored data which is a copy of the first set of stored data, generate a second set of metadata associated with the second set of stored data, and compare the first set of metadata and the second set of metadata.

1459828483-548daaae-564d-4a02-b346-280dafa57fc4

A thin layer substrate has a plurality of micron sized electrically conductive whisker components which are arranged in parallel and extending from one surface of the substrate to another surface to provide electrically conductive paths through the substrate. In a preferred embodiment, the invention is a static frequency divider with a divider ratio which can be switched over, which includes first and second divider D-type flip-flops which each have two inputs which can be alternately activated by way of control inputs, in order to prevent the occurrence of metastable conditions. The measuring device further comprises an adapter enclosing the beam path for coupling the measuring device to a laser system which provides the laser beam. The device distributes a second group of the audio streams in the video communication session, while muting the first group of audio streams in the video communication session.

1459828483-f76abafe-b333-4201-8d7f-fa9a128aaaa6

A wick trimmer apparatus is herein provided and more particularly, a wick trimmer with a measuring foot that facilitates the effective cutting of a wick to an appropriate length. The wild indicator symbols may also be associated with a card or plurality of cards within a display device. A spectrum tailoring module is then used to tailor the spectral profile of the optical pulses. The tape and mandrels operate together to minimize cracks and pores in the toroids and provide an added advantage of maintaining high tolerances in the internal cavity dimensions as well as the cavity-to-cavity alignment.

1459828484-4917d267-310b-487f-9856-0a293c93a154

A system includes a server and a controller embedded in a device. In this way, redundant word lines may be selected without repetition until all of the redundant word lines have been selected. The balloon pump can include tapered longitudinal ends and/or be segmented into a plurality of pumping chamber subsegments, each pumping chamber subsegment separated by a flexible power conduit link, where the diameter of the pumping chamber subsegments are independent of one another.

1459828484-c2b0a177-a2bc-465f-b43c-3e736d894c07

A method for treating progression of a refractive disorder in a human eye. The nonwoven web can be a three-dimensional, fluid pervious, polymeric web. The wire maintains the strap in a desired geometry that is different from a previous geometry of the strap.

1459828484-e4692ad3-ad38-4600-afa0-2decc3290e8e

There is provided a pest control agent comprising a compound represented by formula as active ingredient. Furthermore, the control unit is operatively connected to the temperature adjustment unit. For example, the magnetic recording tape may have a coercivity of greater than or equal to 2000 Oe with a magnetic flux modulation characteristic having a one sigma standard deviation of less than 0. Therefore, in the dynamic LED display screen, the refresh frequency can be increased to N times of the original refresh frequency while the original resolution is maintained. Glue is filled in the inner gap and the outer gap.

1459828485-648124b1-7315-4327-91ee-b0249b988e5d

A relay is described to facilitate communication through the telephone system between hearing users and users who need or desire assistance in understanding voice communications. The diagnostic information includes location-specific event records, counters and IEGM signals. A related method for preparing such a composition is also described, as well as a system for use in performing such a method, and articles incorporating such a composition.

1459828485-82848560-a145-44e2-8ad0-c630c1343647

Methods and systems are provided for remotely securing data in a wireless device. The user terminal receives the same content distributed from a broadcast content server by the PtP channel. The request manager retrieves a management definition object and a perspective that corresponds to the view request, which the request manager uses to generate a view that includes nodes corresponding to an enterprise's objects.

1459828485-9e580345-6271-45dc-89a6-9f876118c7da

A bypass valve for directing fluid flow, where the bypass valve includes a valve body with a notch in at least one end thereof and a spool seated within the valve body. Systems and methods of symbol correction in prediction decision feedback equalization architectures are described including systems and methods that include an enhanced Viterbi decoder and novel methods of symbol correction to obtain better system performance. A transfer chamber transfers the semiconductor wafers. Preferably two air outlets are located proximate to an upper end of the vertical housing section.

1459828485-a96eb412-6a20-4a44-9814-722847f78875

CD playback apparatus for reproducing information from unfinalized CD-R disks which have no index information stored in a table of contents area which scans a disk coarsely to detect the end of the recorded area approximately and scans the disk finely in the area of the detected approximate end, to detect the end of the recorded area with greater accuracy. The communication returns to normal mode when the network detects that the link quality has improved. The optical imaging system is particularly advantageous when embodied as a microlithographic projection exposure system.

1459828485-cc61e63b-2b83-4e97-83c5-d861211d5a49

Power consumption may be reduced in a media device including a first processor coupled to the non-volatile memory, either directly or indirectly, allowing the first processor to generate a pointer structure. According to the invention, the activity of the solid biocide can be maintained by additionally treating the liquid with the composite material, which absorbs from which the liquid and/or contaminants simultaneously releases active ingredients for sterilizing and/or reducing the contaminants in the liquid. Customer data encrypted with the at least one encryption key can be received such that the customer data is uniquely associated with both the client system and with the customer. A method of adjusting a pedestal includes leveling the pedestal, translating the pedestal, calibrating the pedestal height to a preheat ring level, and checking the level and location of the pedestal while rotating the pedestal. The metallic material gas is not in contact with the catalytic material, and the catalytic material is not degraded.

1459828486-76879789-e2e1-4666-b5a9-5af60a23f5bc

A gas seal assembly includes a pair of mutually rotatable sealing members, each of which has a front face adjacent a gap between the two members which constitutes a leakage path through the seal assembly. The circuit configuration utilizes a voltage drop across a connecting line, in particular a bonding wire, which is connected in series with the power switch for the purpose of determining the load current. As provided herein, at least one of the actuator arms is a depopulated actuator arm which retains less than two transducer assemblies. The closing of the



casing covers will safely engage an interconnection with the lamp's electrodes through the electrode cover assembly. Preferably, an RF subsystem conducts multiple reads of a transponder on a passing vehicle and forwards the read information to the MVIC unit. The system may include a first client network device having a first client module and a second client network device of the plurality of client network devices.

1459828486-a4701249-b18e-4a9e-945a-121944b96321

An alternating current power generation system including an alternating current generator comprising an exciter, a brushless permanent magnet generator voltage source configured to generate a first voltage at a first frequency, a second voltage source configured to generate a second voltage at a second frequency, and a coil. The stroker tool has a pump, a driving unit for driving the pump, and an axial force generator. The method includes scanning the pixels associated with the graphic primitive in one of the plurality of blocks into which the graphic primitive extends, repeating the preceding steps until all of the pixels associated with the graphic primitive have been scanned in each of the plurality of blocks into which the graphic primitive extends, and outputting the pixel data. The positioning of the biological element is determined by comparing the intensity thus measured with at least one reference value. The heat-dissipating member provides a first heat-dissipating path for the first electronic component. Furthermore, triple junctions, at which the conductive stem pins, the insulating base member to which the stem pins are joined, and vacuum intersect, are positioned inside the recesses and put in concealed-like states.

1459828486-ca387cb9-7e57-4367-8ffd-fd21a37ce4f5

The invention relates to a glove, especially a disposable glove. The microfiber cloths each have an opening through a center portion thereof, and a shaft of the rotor assembly extends through the opening. A vision system may also be provided and associated with the machine vision system such that the vision system views and captures an image of the object when lit by the lighting system. The present invention is further directed to a method for treating fibrosis in a subject in need of treatment, comprising administering to the subject an amount of eba<sup>1</sup> or an eba<sup>1</sup> analogue effective to treat the fibrosis. 1 mole %, based on the amount of monomer units in the polymer, contains monomeric units each covalently bonded to a pendant, optionally alkoxyated, hydrocarbyl group having from 6 to 40 carbon atoms, said pendant, optionally alkoxyated, hydrocarbyl group being connected to the backbone of said hydrophobically modified polymer via a non-ester containing linking group.

1459828487-03f3a83e-e8a5-4664-b88b-114276cf75ec

A laser cooling system includes a substrate, an REO layer of single crystal rare earth oxide including at least one rare earth element positioned on the surface of the substrate, and an active layer of single crystal semiconductor material positioned on the REO layer to form a semiconductor-on-insulator device. A supporting section is located above the recessed portion such that a hollow space stands between the supporting section and the recessed portion. The method and apparatus deploys a plurality of proxy servers within the network. For example, one system includes a controller operatively coupleable amongst a leftmost landing gear, a rightmost landing gear, and an intermediate landing gear of an aircraft.

1459828487-2b4624bb-7cb1-47e6-ac7a-8675012d0f87

The invention provides tools and techniques for clone brushing pixels in an image while accounting for inconsistencies in apparent depth and orientation within the image. The closure has a base, which includes the additive reservoir; a spout mounted on the base; a plunger positioned in the additive reservoir, and an outer cap. And an annular seal is disposed within the aperture for radially sealing between the first structure and the second structure. Some of these pre-packaged programs are locked-out to the patient, and can be activated remotely via a server

by the physician. The error detection circuits generally function as active low pass filters and generate error signals for the feedback circuits. possible that a user who is accessing a node within a peer group has also access to any other node of the peer group, without being requested for authentication.

1459828487-6538a63e-6bee-4734-b641-693b3896da31

There are provided a plasma display device in which dark contrast can be enhanced without deteriorating an image quality and a method of driving a plasma display panel. A locking spindle is disposed in the latch operating tube and has a locking tongue extending radially and outwardly through the outer drive tube to interlock with an outer rose when the locking spindle is pressed by a push button to move to a locked state. The tip guard has a cavity contoured to an exterior surface of the oscillating spray tip with an opening at a front end of the tip guard thereby enabling pressurized water to exit from both the oscillating spray tip as well as the tip guard. The filter is mounted at the end of the passage to close the passage. To promote adhesion of the ceramic coating, the component surface or the intermediate layer surface may be subjected to a surface roughening treatment prior to depositing the ceramic coating.

1459828487-ebb05053-fee1-4a5f-ac8a-2aa91dc6c1ea

A staircase combination of the gang socket includes a plurality of integrally formed tubular sockets each having a bottom partially connected to the upper rim of the next socket and so on until a last socket partially connected its upper rim to the bottom of the socket positioned at above. The apparatus includes a generator to generate an event information table and an extended text table. An electrical device can be formed to overlie the body contact. Beehive weight data can be obtained in a continuous fashion, without requiring any moving of the beehive or of the apparatus, and without any other type of disruption.

1459828487-f71989b4-6cab-4482-9656-b295a0b42177

A loader conveyor adapted so as to receive a wafer carrier from a transfer conveyor and adapted to terminate at an intersection with a processing system, is provided. The circuit layer includes at least one mounting area having a first electrode, a second electrode and a heat conductive section spaced from each other. A multiplier  $w$  and adder+correct the generated syndrome using data based on a coded word which is stored in an  $n$ -bit buffer and starts from the second start position  $ci+n$ , and a NOR detects the start position of the cyclic code sequence with the code length  $n$  on the basis of the modified syndrome. Toner scattered from the developing device side and headed to the density detecting member can be reduced, and ozone near a post charging device can be removed. In one embodiment of the present invention, the first sensor is designed to detect surface movement of the water in the pool caused by an object entering and disturbing the surface of the water. The flywheel rim liner has a modulus of elasticity  $el$ , and a density  $\rho$ , and a liner ratio  $Rl$  equal to  $El/\rho$ .

1459828488-02ef39e4-ce54-4859-869c-e629ff7dae9a

When the condition for starting an engine is satisfied, the controller executes the lock switching control in which the wheels are forcibly locked by the brake device and the parking lock mechanism is released to unlock the driveshaft, and then the controller executes the cranking control in which the engine is started by the motor-generator. After dispensing, the plunger may clockwise rotate about the syringe barrel until the mating members and the corresponding mating members are unlocked lengthwise each other. The collar presses down on the circuit and the punch presses down on the bridge with enough force to form the bridge break.

1459828488-049b186f-260d-45cd-a58a-714b439c9604

A two-phase switched reluctance motor in an embodiment includes a plurality of salient rotor poles that each have asymmetric reluctances about a central radial axis of the respective rotor pole. The front glass member has light transmission

properties at least partly, and the substrate opposes the front glass member through a vacuum space. The conductive pattern is disposed within the trench of the substrate. In response to information received from the target storage system indicating one or more data chunks that are missing at the target storage system, the missing data chunks are then transmitted to the target storage system.

1459828488-5b1fc5c0-5848-42b7-a048-ba500fb00705

A system for steering a beam includes a main reflector that receives a signal from a subreflector and reflects the signal in a reflection direction. Under neutral or mildly acidic conditions, including those found in vivo, the free amino group-containing biologically active substance is released from the conjugate by hydrolysis of an amide bond. When the difference exceeds a threshold value, the operations of the left and right actuators are stopped, whereby an excessive load is previously prevented from being applied to a main wing structure or the flap operating system. A block load module is configured to load data of at least the block size of the non-volatile memory device. The console includes signal analysis circuitry, which analyzes the processed signal using the combined calibration data provided by the probe adapter.

1459828488-6a7d2210-a41b-44e4-b507-01ef5ef891c6

A frame member has two spaced apart parallel rings that are fixed to one another at a first location. The mask assembly is intended for use with a cathode ray tube. The content may be generated by an OLAP based channel database system, and the output may also be communicated to individuals via spreadsheet programs data, pager, telephone, mobile phone, fax, personal digital assistants, HTML e-mail, WAP and other formats. With the aid of the working laser beam, a second optical projection is projected onto a second projection surface that is located outside of the monitoring zone. Each of the output shafts is locked to a servo motor and are free to rotate with respect to one another.

1459828488-8b87e2cc-7e46-4581-be9c-f44d9fafff9e

An earthmoving scraping device has a bowl-shaped frame with walls and a frame floor that define an interior for transporting material and a walking beam system for the rear wheels thereof that includes a suspension arm pivotally connected between the back end of the frame and a beam, the beam having first and second axles on separate sides of the beam. The passageway includes an inlet and an outlet spaced apart along the longitudinal axis and defines a K-factor of about 5. Each codeword in the superblock is projected onto an orthogonal complement of a correspond transmitted codeword using the projector matrix to obtain a corresponding distance metric of a generalized likelihood ratio test codeword. The sleeve extends past said end portion with a clearance therebetween and extends beyond said end surface. Through this procedure, it is possible to reduce the terminal handover signal load generated by the base station. A diffractive optical element is positioned to intercept the beam of scattered radiation and is adapted to deflect a first portion of the beam by a predetermined offset relative to a second portion of the beam, and then to optically combine the first portion with the second portion to generate a product beam.

1459828489-1f03c3b3-74ce-4633-b5fa-c580c6d09d09

There is described a method of controlling a basestation in a cellular wireless communications network, the method comprising, within the basestation, autonomously and dynamically adapting a maximum value for a total transmit power of the basestation, such that interference between the basestation and other access points in the vicinity is minimized. The methods and systems provided can effectively monitor and manage the resources and events of each of a plurality of computers within a fluidly changing network environment. The spring is arranged between the side walls. The control unit has two main types of recordable data contained within: structure data for identifying one or more elements upon the overlay, and audio data that corresponds to the elements of the overlay.

1459828489-50748c06-28ed-4e41-a175-c62964f75643

Methods, systems, and apparatus, including computer program products, for organizing music tracks based on shared metadata. This composition may be used as a care product and/or a make-up product for the skin and/or for keratinous materials. The root turn may have a generally rectangular shape and may account for reduced pressure losses relative to conventional curved root turns. Various fittings can be used to engage at least one of the cylinders of the channel to fix the channel in position relative to a second, third and/or fourth channel to form the column, beam or rail. Then, the reinforcing fiber substrates are received together with the metal bushing in the molding die and then the thermosetting resin is poured into the molding die.

1459828489-75c789f8-5a03-43a3-a5c5-381f071b12fc

A swinging seat includes suspension members having coil springs of nonlinear response so that the seat has a desirable bouncy feel for a wide range of weights supported on the seat. Two new parameters are defined for inclusion in the service logic of application servers and serving Call Session Control Function servers. The receiver then chooses a first set of indices corresponding to combined channel model parameters from among the first plurality of combined channel model parameters having magnitudes passing a combined channel model parameter threshold. These main language and sub-language are previously stored in the memory. The vehicle speed sensor is disposed higher than the center of the axle and near to the outside of the vehicle with respect to the center of the axle.

1459828489-ada4247a-8145-4634-9c0c-21f9301a569f

The invention relates to a catalyzer for burning at least part of a fuel/oxidant mixture flowing through the catalyzer, in particular for a burner of a power plant installation. The memory array is arranged in rows and columns, and can be further arranged in addressable blocks. The pressure sensor is configured to sense the pressure of the fluid within the inflatable portion of the gastric band.

1459828490-12fd5782-0234-481b-9f63-2de9567c9a1a

A method and apparatus is provided for compensating for variable overlap between segments of a page width print head system to reduce visually perceptible artifacts due to misalignment of adjacent overlapped segments. The smart chip, or electronic circuit, includes at least a unique identification number or data specific to the particular temperature measuring device stored thereon. The publishing leads to dissemination of the asynchronous content from the result server to the subscribed clients, and removal of the asynchronous content from the result server. The decision unit serves to decide whether the temperature increase corresponding to the current density and the data rate acquired by the acquisition unit is within a permissible range.

1459828490-9cf4ac6f-9f88-4320-808c-9fb9bd4d6fd7

A method of operating the torque converter lock-up clutch in a power transmission of a working machine comprising at least one hydraulically actuated lifting device. The at least one vasoconstrictive agent is added in amounts sufficient to reduce or prevent vasodilation. The head has a thickness defined between two lateral sides thereof and is substantially larger than a longitudinal length of the holding space, i. When load voltage is changed, the detected current phase value is adjusted with the result that the drive frequency  $f_0$  is adjusted.

1459828490-c84c80ac-5316-4cdb-a420-bf6991568888

The invention provides an arbitration method and an arbiter circuit by which equal arbitration of output cells can be achieved with a comparatively simple configuration even where a very great number of queues are involved. A high density optical recording medium according to the present invention adopts a combination of two different super-resolution layers of mutually complementary optical

characteristics with increasing light power. Each threat while interacting with its surrounding generates a unique threat signature. Displacement of the latest partial image with respect to the already acquired partial image is caused in the retrieval range and a difference between the already acquired partial image and the latest partial image concerning the inspection region is found every displacement. Each of the individual cells has conductive appendages for conducting information to and from the individual cells. The retaining element is adapted to retrieve nuts from the ground and includes a plurality of resilient pieces arranged in rows on a sleeve.

1459828491-a4dc973f-e923-48dc-82bf-8651aa68ba2d

An electrochromic device, such as a window or mirror, is disclosed that includes first and second substrates each having an inner surface spaced apart from one another to define a chamber, first and second electrodes carried on the inner surface of the second substrate and disposed thereon to be electrically isolated from one another, and an electrochromic medium disposed in the chamber. A power supply control means controls the gate and drain power supplies at the rise time so that an output voltage of the gate power supply rises earlier than that of the drain power supply. A reversible peristaltic pump pumps the infusion fluid forwardly into the patient blood vessel and reverses its direction to pump blood into the testing chamber to perform a glucose level test. When the user's face is directed rightward or leftward, while the user's line of sight is directed in a direction laterally opposite to the face direction, a head shake recognizing section 22 recognizes that the user has shaken his or her head.

1459828491-d8443dd1-7b51-4253-b78b-827c693498a8

A security device for monitoring personal property using a wireless interface to a communication network is presented. The mobile terminal estimates signal quality of a forward link during a first power control group period and determines a power control bit based on the estimated signal quality. A pressure medium applied through passageways in the substrate flexes the dome in an elastic manner so that the dome does not contact the contact pad. The specific set of object classes includes a \u201cFunctional Router\u201d class, representing an abstract model of a dummy router, which describes a set of interconnections between at least two modelled functional components, each instance of the \u201cFunctional Router\u201d class being called a modelled functional router. A cooperating tool assembly is provided to operate the bicycle storage assembly and to pivot the upper track with respect to the lower track to load and unload bikes. , a bolus port, as well as provide a versatile suture structure to enable the pump to be properly secured within an implantation site.

1459828491-e3c6218f-842e-4dd6-8091-0e7ffac4cf3a

A computer system for easily fixing a generated conflict, and a method thereof are provided. For instance, a macro base station may instruct a mobile station to engage in a synchronization operation that synchronizes one or more timings of a femto base station with one or more corresponding timings of the macro base station. Each of the pixels has a PD and a microlens. The insertion of the logic element is performed such that the arrival time of a signal to the input of the inserted logic element occurs before half of a clock cycle and the propagation time of the input signal from the inserted logic element to the destination element is less than half the clock cycle.

1459828491-e51342ce-9e6e-4550-aada-4fcff3b5e6f4

A method and system for delivering data over a network to a large number of clients, which may be suitable for building large-scale Video-on-Demand systems. The access device is actuated to a second configuration having an enlarged cross-sectional area at the distal portion thereof such that the distal portion extends across at least a portion of each of two adjacent vertebrae. The prank call server assigns a unique global identifier to each 911 call detected on the 911 emergency

call system. The jetspray nozzle is capable of cleaning photo masks or wafers without the use of chemicals.

1459828492-2058fc49-43ba-44ce-85a0-5620315d55ff

Operations of a relay are disclosed. Other embodiments may be described and claimed. Some methods use NMR in conjunction with another experimental method, such as, capillary electrophoretic techniques for the analysis.

1459828492-476b5d48-3d7d-47c2-b26d-7f1bc1db7ac6

A process cartridge configured to be detachably mounted in an image forming apparatus. In the subject methods, a heart valve is first in structurally modified. The readout apparatus set to a second mode reads a sensing current of a current type touch panel through a current to voltage converting unit and an inverting amplifier, so as to save a chip area.

1459828492-5ad0f813-ea34-4ca8-bdb3-1bf461f8772d

Disclosed is an optical network unit of an access network for converging broadcasttelecommunication by employing IEEE 1394. The telephone and telephone answering device monitors received calls to automatically detect for the presence of embedded secondary information. The feedback value or the reference value or both are generated using noise shaping. The method identifies major thirds and major sevenths in the harmonic context and raises their pitch slightly.

1459828492-7d5688e4-bc93-414f-a0ca-8f169f957912

A fixing device of an image forming apparatus includes a heat roller and a pressure roller. The multi-mode mobile station may become engaged in one or more communication sessions via a first wireless network. The noble metallic tip of the ground electrode possesses excellent oxidative and volatile resistance compared with a noble metallic tip of a center electrode.

1459828492-f1bd7980-0738-4f77-acac-f51587dc787a

Stress enhanced transistor devices and methods of fabricating the same are provided. Accordingly, the raw material of the lead element is injected into the container from a rear end of the adjustment member through the center hole, and solidifies into the lead element, and the lead element is supported on the front end of the supporting shaft at its rear end, and moved in accordance with the movement of the supporting shaft. The method still further includes transmitting the digitized command from the controller to the base station, confirming the command to indicate transmission of a desired control signal by the base station, and transmitting the control signal from the base station in response to the command. A workpiece carrier is provided, wherein the workpiece carrier is configured to hold the second workpiece above the heater, and wherein a diameter of the workpiece carrier is associated with the electrostatic clamping plate annulus. For carrying out a measurement, the waveguide can be immovably fixed relative to the light source and the means of detection.

1459828492-f7d8c60b-daac-49f4-a95b-21499848d99e

Systems and methods of monitoring thin film deposition are described. The device includes a substrate and a polymeric layer including poly or poly supported by the substrate. The feature comparison means disposes the feature points extracted from the existing mark in the predetermined space, and judges that the existing mark is capable of being used as a marker which is detectable from the image, when the number of feature points that coincide with the singular features is equal to or more than a predetermined number. In still another embodiment of the invention there is provided a method of fabricating a semiconductor structure including providing a semiconductor substrate, providing at least one first crystalline epitaxial layer on the substrate, and planarizing the surface of the first layer.

1459828493-75667dd2-2f49-4107-bc11-cd0ce562018e

Illuminated display case for collectibles that can simulate the look and feel of a collectible's theme. In the content use eligibility determination process, a user device performs a checking process of checking a property selection list as the content usage condition information against a property list as user device attribute information. Therefore, the circuit structure of each of the shift registers does not need to be designed a large compensation capacitor therein to substantially restrain the coupling noise effect caused by the clock signal, and thus permitting that each of the shift registers can be collocated with a small compensation capacitor to enhance the output capability thereof. The intercepted browsing starting location is searched in the database. The p-side nitride semiconductor layer comprises, from the active layer side, a p-side wide band gap layer containing a p-type impurity and a three-layer structure comprising a first p-side nitride semiconductor layer, a second p-side nitride semiconductor layer, and a third p-side nitride semiconductor layer.

1459828493-80fa69a8-8ee0-46cd-a20a-9a3222cf7d9e

A thermal printer that includes a thermally conductive sacrificial member disposed between the thermal print head and the web. The system includes one or more gateway devices and a plurality of nodes segmented into one or more routing domains. The first element group 10a and the second element group 20a are connected in series. A linkage adjacent the piston carries a stop; and an actuator is responsive to an end of brake activation signal to cause the linkage to engage the stop with the piston when the piston is retracted from its applied position to its retracted position so as to prevent the piston from moving from the retracted position to the knock-back position. Thus the electric field within the orifice is substantially the same with or without the resistive material.

1459828493-d7dd9980-6da6-4dc6-b340-ca0ab7e64090

A system reads an identifier from a hand of cards to identify the cards. The software is provided with all of the options on an installation medium and when the software is first received only a basic version is installed. A first switch circuit connects an output of the input circuit to the input of the latch circuit. In the trap column, the sample component is condensed while being trapped therein. Lightly doped drain implants are provided in sourcedrain regions of the high voltage transistor in the substrate. The washer is also simple to manufacture in a cost effective manner and easy to assemble in the field.

1459828494-05de80e3-ce7d-4b0f-bfaa-5156ebce03be

A treated substrate with improved availability of a beneficial component for transfer to a target surface and methods for making the same are described. The present invention automatically computes a set of digital band-pass filters matched to the imaging device specifications along with corresponding step-size magnitudes. The computer then sends a signal to one of the conductive traces of the conductor, at one of the ends of the cable, while at the same time monitoring for a signal at the other contacts of the conductor that are in contact with conductive traces of the cable. The curved sheet may define an air inlet of the interior volume. The cord gasket ends also may be secured in a pocket, one or more notches, or in a retaining region. The invention is also directed to methods of determining the effect of a candidate agent on any subject's risk of developing bone or joint disease.

1459828494-ebd9f77e-9f4a-40f2-ae07-d2b19e052dee

An aspect of the present invention includes a method of lithography to enhance uniformity of critical dimensions of features patterned onto a workpiece. The multilayer main body has a first side, a second side, a third side and a fourth side. In certain embodiments, the system is capable of open- and closed-loop operation. The first frame member is rotatable relative to the second frame member, so as to cause forward or backward movement of the second frame member. Furthermore, in the case where a plurality of external devices are connected to the

TV in a multi-connection manner, they are automatically set in a CEC operation. A closeout member coupled to the support rod circumscribes at least an exposed portion of the pivot joint that is aligned with the opening of the headrest.

1459828495-1b450a10-39c7-4d87-ba3c-8e7e8763179f

A turbocharger for an internal combustion engine, particularly suitable for use in a work machine, is provided with a turbine having a low pressure region of minimum static pressure. Thereafter, the first mold 7 is moved along an arrow A direction relative to the second mold 8 fixed to an anchor block, by which the titanium material 20 substantially immovably retained in the groove 13 of the first mold 7 is bent and pushed into a through hole 24 of the second mold 8 by the first guide portion 15, thus being plastically deformed. Using different filtering criteria, some or all legal and/or illegal memory access software instructions may be redirected to mapped memory locations enabling control over memory access functions. Information about the modified portion that is determined as having been referenced to is displayed on a display. The data prompts that are presented relate to the tax documents identified by the user and therefore, are relevant to the taxpayer's specific situation. The scanning device is capable of scanning a user-fillable configuration sheet marked by a user of the electronic device and creating the scan data, with the scan data including one or more configuration indicia.

1459828495-3caf53e8-74c4-403a-86e7-89c31cdc9d54

Methods, devices, and systems for treating the support structures of the body, particularly for incontinence, take advantage of two mechanisms to enhance the support provided by the fascia, ligaments and tendons: first, the invention increases a modulus of elasticity of these tissues, and particularly of the fascial tissues. Once the portable memory device is plugged into a computer, the presence of the device is automatically detected, and thereafter the application programmable interface calls are mapped to access the virtual registry file and the execution files, thereby allowing the execution of the application residing on the portable memory device. The swivel bearing is guided by a tie rod, which is supported on a soft rubber bearing. One of the first and second memory addresses is provided in response to the control signal. The improvement is characterized by a selectively actuatable filter, e.

1459828495-b60f29fa-184e-4910-90a7-544d8d8fa659

Apparatus and methods are disclosed for processing samples on the surface of supports that are contained in support housings. A pulse generator generates a sampling pulse  $S_p$  by detecting a zero cross point of the phase-shifted signal  $S_2$ . A broadcast path is selected from a plurality of generated broadcast paths.

1459828496-2fabbb0d0-706f-4da5-9f5c-7ad89b8a0208

A computer program product embodied in a computer-readable medium is configurable to accomplish execution of an application that is specified and encoded in a markup-based descriptor language. In particular, isolated nucleic acid molecules are provided encoding the pancreas-derived plasminogen activator inhibitor protein. A camera system measures the positions of the points. Sliding portions of the base extend horizontally yet continue to transfer all load weight onto the casters. Because the first and second ports transition in opposite directions, coupling noise is cancelled on a neighboring port that is horizontally adjacent to the first port and vertically adjacent to the second port. As another example, functions of the electronic device can be restricted.

1459828496-6eeb46b0-bd0e-459a-95f1-d82cc72522ac

In a vehicle occupant restraint system provided in association with a vehicle seat for preventing a vehicle occupant from slipping forward under a seat belt in an impact situation such as a vehicle crash, a pair of support members are provided on either side of the seat frame, and pivotally support a pair of arms across which a cross member extends. The invention relates to a method and system for displaying a



series of selected frames to generate a display of surroundings within the vicinity of a cable break. The pretreatment is first to contact the catalyst with the process reactants used in a process for alkylation of aromatics for at least two hours at conditions to produce an alkylated aromatic product and then with a gaseous stream containing oxygen at a temperature and for a time until there is no oxygen consumption. The driving wheel rotates about a central axis resulting in rotation of the parts carrier about an offset axis, which is offset from the central axis. As a result, the gear teeth can be effectively lubricated while minimizing instability in the meshing state between gears. The container and applicator member are configured to be received within an interior space defined between the base member and cap member.

1459828496-9f5f1fb4-2c0b-44a0-9c94-711349bb93fd

A device for applying labels to a label carrier including a movable rack, which defines a plurality of magazine sites, each of the magazine sites being configured for accommodating a label magazine that is suitable for accommodating a large number of labels. The optical cores are spaced apart from one another by an interposer material. Furthermore, the present invention provides systems and methods for identifying an asset within a group of assets.

1459828497-794f1b8a-a5c7-463e-806b-099918cc69d0

A capping device includes an external outer cap adapted to be removably fixed to the exterior face of a container neck, and an internal insert adapted to plug the opening of the neck. The first leg of the 5-pass serpentine flow circuit provides the cooling for the airfoil leading edge. In multiple-dimension partitioning, a database object is divided into partitions based on one criteria, and each of those resulting partitions is divided into sub-partitions based on a second criteria. A multilevel digital output is provided which represents levels of signal in the digital domain and reduces the number of discrete components required to achieve a particular amount of gain. The keywords and/or key phrases that best match what was originally spoken are then used as a final text query for a search engine. The composite material typically takes on a honeycomb structure of an ultra-hard material and cores within the pores of the honeycomb structure bonded to the honeycomb structure.

1459828498-70a7adb2-7ad1-445f-bd95-199ad26609e4

A gob deflector has an entry end for receiving molten glass gobs, an exit end for directing the glass gobs into a blank mold of a glassware forming machine, and a curved portion between the entry and exit ends. A locking device is connected to an end of the body, wherein the locking device has a larger diameter than the cylindrical opening in which the body is configured to be inserted. Each image processing module has an image processing engine and a control section. The LED fixture is electrically connected to an output of the power supply unit and the data input cable, and includes one or more LED assemblies disposed on a circuit board, a data signal output, and a power output. A blade assembly comprised of a cylinder and blades extending from the cylinder is rotatably mounted to the shaft.

1459828499-5d470af3-47de-4c33-99b2-0ddd373086b5

The skin layer provides a neat appearance since it is integrally formed with a one-piece member, and prevents foreign materials of the prior art two-piece member from being introduced into the gap. In a region interposed between a power supply line and a ground line each placed to extend in a first direction, first and second cells each having a transistor and an intra-cell line each for implementing a circuit function are placed to be adjacent to each other in the first direction. In other embodiments, the invention encompasses the option to receive a virtual machine file set of the acquired information for additional viewing and examination by the customer. A second data packet is then created having information forming the first data packet and also a second segment of information identified by a second code. The automatic gain control module adjusts, based on a signal strength

of the input signal, the gain of the variable gain amplifier during the respective cyclic prefix preceding each of the plurality of orthogonal frequency domain multiplexing symbols.

1459828499-b9d22bb1-e3c8-421a-a0ad-4145ace8da80

A printhead maintenance assembly for an inkjet printhead, that has a capper to cover the array of nozzles when the printhead is not in use and, a cleaner for engaging the nozzle plate and wiping across the nozzles. The folding seat combination provides selective positioning of seat, footrest, and backrest components, respectively each between upright and downward positions thereof, to alternately accommodate easy transport of either of additional passengers or materials. The projecting wall projects from an opposed surface of the flange portion away from a distal end of the flange portion. This new and distinct variety has shown to be uniform and stable in the resulting generations from asexual propagation. Invention methods effectively treat bacterial or fungal infections of the nail by utilizing a low viscosity composition having the ability to penetrate through and underneath the nail plate, thereby attacking the infection at its source.

1459828500-351a7a80-4d4f-4446-bbbe-6014455028d6

An elevator includes a set of hoisting ropes supporting a counterweight and an elevator car moving on respective tracks, each hoisting rope having a substantially round cross-section, and a hoisting machine engaging the set of hoisting ropes via a traction sheave. A conical first tapered guide extends from the first entry structure into the first compartment, and a second tapered guide extends from the second entry structure to the second compartment. To facilitate installation and inspection, an air sampling tube is provided with a starter cap. A pivot mechanism is coupled to the other one of the two ends of the steering shaft to create a pivoting axis.

1459828500-649ef191-f633-4450-8899-79be16ab6bbd

A pet fountain includes a water reservoir, and a spout connected with a water discharging end of the water reservoir. An off-line authentication client pre-stores a plurality of pattern element sequences each adapted to form a presentation pattern, and a plurality of verification codes created by applying a one-time-password derivation rule to the respective presentation patterns and subjecting the obtained results to a one-way function algorithm. The system comprises encoder logic at each source processor that operates to associate a unique segment identifier with each of the packet segments before they are transmitted. An insulating layer and an overlying metal layer extend from the surface of the epitaxial layer into the half-trench. The processing system is configured to determine path-losses between the apparatus and a plurality of wireless nodes, to group the plurality of wireless nodes into sets based on the determined path-losses, and to exchange data with at least one of the wireless nodes in one of the sets. The headlamp can be used in several beam modes using a conventional reflection mirror and a discharge tube.

1459828500-b05a795c-1ca7-4771-a83c-f8aafbd2699f

Compositions and methods of making urethane based nonionic associative thickeners are described herein. The matched broadcast program is stored in a broadcast program storage unit. Each of the n data blocks includes at least one of data portions, pointer portions, and control code portions. The connector assembly has discrete first and second passages that prevent communication between the fluid in first passage and the fluid in the second passage. The method of fabricating a high performance photodiode comprises forming a photodiode in the n-well region of a shallow trench, and embedding a dielectric material between the ILD oxide and the photodiode having a refraction index higher than the ILD oxide. The interface has an electronic device for frequency-locking the third frequency onto the first clock frequency.

1459828500-cd908584-cb99-45aa-9d32-f7dabdbfcd7e

A scalable architecture is disclosed for delivery of real-time information over a communications network. Physical characteristics of memory cells in the memory support different sets of data levels. An ionization source in accordance with the subject invention can be used in conjunction with mass spectrometry or other sampling techniques. The first sub-assembly includes a beam splitter sub-assembly that includes a beam splitter and at least one lens.

1459828501-1c967567-6cf6-4920-89a2-17bf11d06ff6

A method and system for debugging using replicated logic and trigger logic is described. In particular, the software generated is capable of causing a particular action to be taken which will result in the transfer of the received data from one format to another in response to certain conditions being met. Further, the rivets and the sleeve pipe are arranged in the same axis. An open position allows for treatment of the well bore while an open to screen position allows for receiving fluid from the well bore.

1459828501-6a3b82d5-e2c7-454b-b30b-d90661353f30

A Wire Bonder has a capillary clamped to a horn. In order to provide the coupling device to permit the routing and the imaging of light in the most confined of spaces with as little loss as possible, it is proposed that the reflecting surface is curved, and at the same time, the coupling device is easy to align and inexpensive to manufacture. Each player would wear a transmitter which the sensor would detect as it crossed the plate, illuminating the lights and sounding a buzzer to indicate when the device is detected crossing the plate. In addition, the agricultural implement system includes a sensor communicatively coupled to the fluid control unit and configured to output signals indicative of the penetration depth of the ground engaging tool.

1459828501-8fed110c-4ada-4444-8c90-0f0ea7737414

A method for operating a convertible top of a motor vehicle. The movement control screed is structured as a control joint for absorbing movement between the first and second masonry coatings and also as a weep screed for accommodating drainage of water from behind the masonry coatings. The video environment is affected by at least one of a position and a movement of the at least one karaoke performer. The liquid space is in connection through a throttle element with a second, fluid-filled liquid space, which adjoins the first liquid space in the direction of the longitudinal axis and is closed by a piston fixed in the outer tube towards the free end of the outer tube in a liquid-tight manner. The method includes executing one or more JH\_SBOX\_L instruction to perform S-Box mappings and a linear transformation on a JH state and executing one or more JH\_Permute instruction to perform a permutation function on the JH state once the S-Box mappings and the L transformation have been performed.

1459828502-394c0697-75f6-4d6a-8358-3f01d7a57c78

A meshed HVDC power transmission network comprises at least three HVDC converter stations interconnected in a first closed path by at least three transmission lines. The requests are sent out to multiple modems and responses return from the modem units to the computer program. Typically, they are mounted by seating peripheral flanges of the lamps and separately electrically connecting the contact elements using slide-on contacts and/or spade lugs or the like secured by screws. An end portion of the body of the fastener is deformed radially outwardly into engagement with the support. The set-top box can connect to the television network on its own.

1459828502-5dacec80-a996-46e9-9cfd-797763ffbe46

A sheet stack loader includes a loading table to support a first folded sheet bundle, an elevator to lift the first folded sheet bundle from the loading table,

and a conveyer to convey a second folded sheet bundle into a space between the loading table and the first folded sheet bundle, wherein the space is created by the elevator. These compositions are used for topical cosmetic applications, particularly to lighten skin. The chamber output passes through a second solenoid driven cutoff valve. The forwarding device transmits the first coherent IO transaction to an external IO device, waits for the first coherent IO transaction to return from the external IO device, and completes the first coherent IO transaction. The prodigiosin can treat or prevent diabetes mellitus without any side effect. In one embodiment, the context switching system includes a context switch requesting subsystem configured to: detect a device request from a thread executing within the multi-thread execution pipeline loop for access to a device having a fulfillment latency exceeding the pipeline latency, and generate a context switch request for the thread.

1459828502-9dc17b94-669c-4d4a-add6-73c40bca6c16

A solar power system includes a preheating device for heating first heat transfer fluid and second heat transfer fluid in separate tubes. The starter system includes a first gear coupled to the engine, wherein the first gear rotates at a speed of the engine. The cover can by cutting away a portion of a housing of the electronic device. The stored information may be information relating to the specific subject or general information regarding normal and abnormal conditions of the eye representative of toxicity.

1459828503-7164b268-a355-45d8-9a29-68183659da2b

The present disclosure provides in a first aspect a mode-locked laser for generating laser pulses. The client device accesses a web application via the internet and transmits a request containing complex scripts to the cloud computing server. In another embodiment, the tax calculations may be executed client-side, while administration of tax compliance data and reporting are facilitated by the central server. The first and second conveyor sections support the longitudinally moving conveyor and the second conveyor section is laterally moveable in relation to the first conveyor section. The surface of the shoulder that points in the direction of the projection is form-adaptable.

1459828503-8d37c22b-39d2-4cc1-b5e1-7b02b6f66722

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for distributed forensics analysis. With no fire door key available, the fireman can use the ejection of water from the fire hydrant to open the fire door and enter the fire area for fire fighting. The disk surface has servo information and user data stored thereon. In the third step, the common key  $k$  is calculated as  $k:=f$  for each subscriber  $T_i$ .

1459828503-b0fcd3b9-2b22-4ead-885f-a6e6c956855f

A fuel pump module and method for mounting such to a fuel tank having a limited mounting depth, includes a reservoir, a modular flange, and a compressible coupling element, wherein the modular flange and the reservoir containing the fuel pump are connected offset to each other vertically, by means of the compressible coupling element. A pair of annular seals are each engaged with a respective one of the pair of end rings. This configuration prevents particles generated during wafer transfer or during deposition from adhering to the surface of the semiconductor wafer.

1459828504-425e9a43-f217-41f0-9acb-f29f25401cb3

The present invention provides a nonaqueous electrolyte secondary battery including a positive electrode, a negative electrode and a nonaqueous electrolyte. An inner bag inflates with gas supplied from an inflator. A plurality of reflective members are at least one of formed within an outer layer of the wall member and disposed on an outer surface of the wall member. In other words, data is transmitted from the sender's local loop, through the telephone switching system, and to the receiver's local loop. Also disclosed is a method of reducing insulin resistance in a patient

by administering a compound identified using the method of the invention, and particularly, by administering an antagonist of melanocortin stimulating hormone biological activity.

1459828504-5d1fb682-2b2d-4daf-a87d-34a422a68e4c

A valve stem adaptor is provided for a valve stem assembly having a body with a first end and a second end and having an elongated shaft portion with a first end and a second end and having a passageway extending through the shaft. One process of resolving identity records and detecting relationships between entities may be performed using a pre-determined or configurable entity resolution rules. In another aspect, methods may include tuning to a non-serving channel based on determining that the resource availability opportunity exists. The insulating film which is formed on the capacitor electrode has a trench which exposes part of the capacitor electrode and has an upper surface.

1459828504-b2502bd5-9c7e-42d9-b89c-55f534ae0a10

A system and method are provided for microlithographic writing on photosensitive substrates, and especially high precision printing of patterns, such as photomasks, for semiconductor device patterns, display panels, integrated optical devices and electronic interconnect structures. The switching regulator includes an input switching device, a driver, an inductor, a first output switching device, a second output switching device and an output node. The connection elements each comprise two sheet-metal parts, which are symmetrical to one another, the stop surfaces and the welding surfaces being implemented as edge profiles of the sheet-metal parts, and the welding surfaces being oriented essentially horizontally. The spacer contains an anterior end, a posterior end, a first lateral side, a second lateral side opposite to the first lateral side, a first surface that engages with the first endplate, a second surface that engages with the second endplate. The invention also provides for therapeutic compositions as well as a method of blocking blood vessel growth, a method of promoting neovascularization, a method of promoting the growth or differentiation of a cell expressing the TIE receptor, a method of blocking the growth or differentiation of a cell expressing the TIE receptor and a method of attenuating or preventing tumor growth in a human. A power cycler module turns each sensor driver board on and off such that only one sensor driver board is powered-on at a given point in time.

1459828505-03403d5d-deb6-404b-b317-454717742e38

A system and method provides for one or more of tracking of an object and providing automatic access to applications or data. The object pose normalization method includes: determining a pose of a non-frontal image of an object; performing smoothing transformation on the non-frontal image of the object, thereby generating a smoothed object image; and synthesizing a frontal image of the object by using the pose determination result and the smoothed object image. The method also includes determining associated schemas and rule files with the profile and applying said associated schemas and rule files to the multi-language document. A transfer assembly includes a plurality of transfer suction cups which lift the injected eggs by causing a reduced pressure in a ring around the injection hole while maintaining the injection hole at atmospheric pressure, thus avoiding negative pressure in the egg.

1459828505-0a5b2b79-4e46-41da-b7ce-2dd1e7ed141d

A method and an apparatus for preparing and culturing cells, particularly bone marrow stromal cells. In accordance with the subject method, a probe beam of light illuminates the wafer having the dopants implanted therein. The floating gate is disposed on the tunnel oxide layer, and is constituted by a first conductive layer on the tunnel oxide layer and a second conductive layer on the first conductive layer.

1459828505-3057cd05-f0af-426f-9cb7-02390b943247

The present invention is method for forming a sandwich structure having a pattern of particulate material enveloped between a carrier material and a cover material. The first bulk acoustic wave resonator includes a first electrode and a second electrode and is arranged flatly on the substrate. This first member allows for support, helps an individual move the speaker rack into different positions easily, and acts as a place to hang towels, clothing, and the like.

1459828505-78bb7bc5-2836-46f7-a7fb-6bc7c3f947d3

The present invention discloses a remediation system and method of use thereof for degrading contaminants, including chlorinated organics, volatile organic chemicals, and polycyclic aromatic hydrocarbons. By providing the digital information on unused memory space of a computer system, and providing a process for authorizing access to the information, the information can be efficiently and cost effectively transferred to users. In addition, an interconnect substrate INT includes a connection terminal TER. A pair of walls are positionable at locations outside of the ends of the opening such that the pair of walls and the eyelid are operable to form a fluid seal at least partially around the opening of the catcher.

1459828505-bbc992ff-d962-4955-ba47-562cac6e25fa

For use in a mobile ad hoc network, a first MANET node for routing data packets using Layer 2 information. The method includes specifying clear project schedules that are readily testable for various projects and using labor categories for project schedule tasks requiring labor resources. The capillary device receives input heat that is used to change phase of liquid received from the condenser into vapor for driving the turbine.

1459828506-ce4387aa-8580-4488-8813-c33d1b4c6691

A method for manufacturing a sensing device, such as a bolometer device or other devices. The inner bag 12 comprises an upper and lower chamber 27, 26 and the chambers are divided at a constriction part formed in the middle of the inner bag by a partitioning member 72. A current deviation is compensated among each respective string of the LED array using at least one constant current circuit connected to each of the respective strings. Following dequeuing the string for processing, a pointer to the one command block of the string that was in the common queue is included in a string head pointer list.

1459828507-2c2b59bc-534a-4f98-8ba1-36e2d80c138b

A method for providing information which is performable by a display device is provided. In one example, a bypass desuperheater control valve may be employed. A piezoelectric actuated switch assembly positioned adjacent to the second conveying path selectively engages the pusher elements to divert the selected article to the second conveying path.

1459828507-66839860-585d-4113-b8e3-07ca34dfba7d

A method of making a twist-on wire connector including a method of making a sealant containing twist-on wire connector by in situ formation of a shell around the coil wherein a sealant may be injected into a cavity in the coil prior to removing the shell from the mold to form a ready-to-use sealant containing twist on wire connector without further steps outside the mold. These compositions may be used as food additives, tablets or capsules for promoting health in cases of cancer, pre-menstrual syndrome, menopause or hypercholesterolaemia. The capacitor circuit shunts electrical noise to ground but allows a temperature signal from the temperature feedback device to be received by the system controller. The interface also includes a first input area for receiving commands from the resource administrator for deriving a value for at least one of the access information items. Advancement and retraction of a lancet may be controlled by a feedback loop monitoring the position and velocity of the lancet embodiments of the lancet driver can be configured to follow a predetermined tissue lancing profile. There is also at least one cooking utensil support associated with each of the cooking utensil

openings to maintain the working end of a non-fork cooking utensils above any waste collected in the waste collection tray.

1459828507-809a6c2f-c0b2-41f1-93b8-138152f1162d

An apparatus for sealing a doorway, more particularly, an all purpose gasket structure capable of sealing a doorway against the entry of water, smoke, and fire. A method for handling URA information for a wireless communication device, the device configured to be operable in a mobile telecommunications system, the method comprising, at the device receiving a message to enter a new state, and initiating a URA update procedure dependent on the message not comprising a URA information. Subsequently, all the data from the auxiliary memory is copied to a predetermined spare area of the medium. Finally, liquid reservoirs for the media to be dosed, which are in fluid communication with the liquid columns on the nozzle orifices are provided. The fastening of the switching magnet to the valve housing may thereby be performed in a simple and cost-effective manner. The guide groove has a bow shape made up of an arcuate intermediate curve, and the left end curve and the right end curve which are curved opposite to the intermediate curve, so that the force to be transmitted to the tray changes continuously.

1459828507-e60ca9fe-3bfb-4617-8475-4da4b1884cb3

A water absorbing agent of the present invention has an internal crosslinking structure obtained by polymerization of a water-soluble unsaturated monomer. The shaft has a longitudinal axis and a first diameter. A sense amplifier includes a clamping circuit adapted to connect one of a digit line and an IO line to a fixed logic level in response to an erase signal during a refresh of the selected block of memory cells. The openings are spaced along a central axis of the face of the furnace enclosure member. , an inputoutput trigger voltage spec. Hence, it is possible to reduce the size of the first pumping device and the second pumping device.

1459828508-1440bd27-dffb-44d6-addc-f3ef221b6320

A drive circuit is disclosed including a first feedback circuit designed to generate a first feedback signal from a first voltage to be controlled and a first reference voltage. The connector includes a insulative first housing fixed in a state of being inserted into a through hole, a first terminal held by the housing to face the through hole and connected to the electric circuit. An apparatus includes means for decoding a bitstream based on a property of the subset of bits and the encoding process.

1459828508-a44d63cf-f0e3-419f-bb85-65705f8fd34c

A system is provided for reading and writing sectors which may be realized as either a disk device to the local operating system, or as a virtual disk device to a virtual machine. A host system executes threads to transmit commands through a human interface device interface. The arrangement can be affixed between two abutting walls, between two parallel walls, or also in front of a single wall. The emulsion is preferably combined with a water soluble, rapidly biodegradable microbial food compound and can also be combined with microbes useful in the remediation process. The second valve member has a closed position seated in a second annular valve seat and an open position spaced apart from the second valve seat.

1459828508-a9b5422c-3a9c-4d43-bc43-b6224fcf90bf

A hose assembly including an elongated flexible metal hose attached to a hose fitting having a fitting body defining a passageway for conveying material. The first groove is longer than the second groove and the flap remains connected to the pipe wall at two bridges. One of the shelves holds the monitor and is adjustable to align the monitor with a touch screen panel that is sealed in a window in the front panel. Forensic samples are identified by comparing a sample from an unknown source with a sample from a known source. A variety of types of information may then be

ascertained based on the determination as to the shape and/or displacement of the surface of the object, such as the value of some physiological parameter of a patient, internal and external pressure of an object, acoustical vibrations sensed by a microphone, positions of fingertips on a keyboard, etc. The pedal is formed as a resilient body that is supported by the support structure and the detection mechanism is adapted to generate a signal corresponding to a degree of flexure or change of degree of flexure of the pedal for controlling an operation of the vehicle.

1459828508-e759971e-f2a1-4059-919e-f475e62dc436

A parallel redundant power system and a method for control the same, wherein the power system is composed by UPS modules with outputs coupled in parallel to supply power to a load through a bus. A box end has a groove for receiving the locking ring therein when the pin end is inserted into the box end. Further, the present invention provides a low power consumption semiconductor device and a manufacturing method of the semiconductor device. The material can be removed by laser ablation, etching, or other processing approaches. When the hard disk's idle time meets a dynamically computed power control idle timeout, the disk driver is commanded to power down the device. The ladder system allows the stand to be quickly and efficiently mounted without additional hardware or tools.

1459828509-02813d16-c669-4ddf-afb3-aa7c17e63168

In one form of the invention, a radiation resistant latch has an overall output node, and first, second and third sublatches. A method for detection of perturbations in a medium is also provided. The monitor/control unit then generates a metric value  $\frac{1}{n} \sum_{i=1}^n \text{metric}_i$  for the route selected and adds it to one of identical metric values, which are assigned to routes to the same destination, that corresponds to the route selected.

1459828509-732c280a-4152-422f-abc0-e57663be3e9d

An optical pick-up device that records and/or reproduces information on an optical information recording medium, through the use of holography, can prevent deterioration of recording and reproduction accuracy due to vibrations from exterior or fluctuations in the relative positional relationship with the recording medium. Each radially urging portion has a projection bent radially inward of the disk. Since the starting points of supplying the sulfuric acid, the hydrogen peroxide, and the ultra pure water are different, it is possible to minimize the heat generation due to the reaction between the sulfuric acid with the hydrogen peroxide.

1459828509-bf882c3b-74a2-4efe-b316-804520c2a461

A method of biasing a laser that includes determining a threshold current of a laser and setting a bias current for the laser as a factor of the threshold current. The first means of the present invention provides a mandrel mill comprising a plurality of rolling stands in which two grooved rolls R11, R12 are disposed, respectively, the mandrel mill being characterized in that the roll diameter ratio for the first rolling stand and the second rolling stand is set at a value of 4. The inclusions function as crack initiators during the fabrication process as well as crack arrestors preventing the propagation of the cracks farther into the matrix material. Measurements using a pair of source positions separated by  $k$  pixels establishes the relative response of the  $i$ th pixel with respect to the  $th$  pixel. A fluid sensor is in fluid communication with the passageway. An opening is provided at the rear end to provide an exhaust opening for air that is forced into the conduit, out the perforations and through the bagged material.

1459828509-cb65fa0f-6369-4ffc-b7f6-c424b42cfa8d

A flat mop is used with a disposable wiper. Sharable, actionable labels and codebooks of labels may be defined by a user. The forming device has first and second folding members having angled folding edges adapted for contact by



respective opposite side margins of the web as the web is pulled past the folding edges. Reorientation of the cords can be achieved without stretching them beyond their elastic limit.

1459828510-369e9916-4fd3-4401-8a39-8eca1f2d35d1

A method for making broadband cholesteric liquid crystals with improved bandwidth. A gate dielectric film formed between a floating gate and a control gate of a flash memory device is formed by laminating an oxide film and a ZrO<sub>2</sub> film. The sensor generates a signal in response to a condition inside the body cavity. According to the aforementioned structure, the persons around the portable telephone will permit a user to use it in the noncommunicative mode. The low pass filter receives and outputs the 1-bit PWM signal.

1459828510-7adcd901-a1d4-4aa0-83c3-96600cb74612

Embodiments described herein include an electronic transaction service network service). The arrangement comprises a translator operable in the virtual machine. The digital content is not released to the element if the scaled value does not satisfy the security requirement. The solid core has a deformation, when compressed under a final load of 130 kgf from an initial load of 10 kgf, of from 2.

1459828510-825f728f-1d6f-42f6-971f-c9c144052855

A rotary type rake having a plurality of finger wheel rotary raking elements mounted on a frame and movable thereon from one to the other of a raking position to rake material on the ground into a windrow and a retracted raised traveling position. In some embodiments, the organometallic precursor is a ruthenium-containing, tantalum-containing precursor or combination thereof and may be deposited by atomic layer deposition, chemical vapor deposition and/or physical vapor deposition. The body includes legs and axially guiding grooves thereof provided on its inner circumference.

1459828510-9f7c6c5b-48ab-405e-910c-9cf183b66e26

Systems and techniques for converting an analog input signal to a digital code are described. Embodiments of the instant invention include a monitoring system comprising an activity monitor and a content transfer and display means, wherein the activity monitor comprises an event identifier and a timer. A first matable half and a second matable half of an openable-closeable connection are connectable to secure the containers in either a primary configuration or a secondary configuration.

1459828510-be188e91-d7b5-49d1-8b02-9a2062340647

An analysis device is provided comprising a housing having at least two housing parts, a measuring unit and a processor provided therein for purposes of the functionality of the analysis device and generation of analysis data, wherein the device comprises a lock element for producing a generally fixed mechanical connection between the at least two housing parts. The apparatus includes a clamp comprised of at least two clamp parts. The sliding panel is slidably mounted between the mounting slots of the body and has a distal end selective protruding telescopically from the distal end of the body to abut a plane.

1459828510-f23b5135-7eaa-4e27-b921-649db7bef38f

A delay buffer includes a first shift register receiving input data and having a shift signal input port. A method of treating a well in a cementing operation comprises pumping the spacer into a well ahead of a cement slurry, thereby minimizing or preventing commingling of drilling fluid and the cement slurry. The scanned image is corrected for a divergent distortion based on the divergent distortion angles  $\theta_1$ ,  $\theta_2$ , followed by a correction of the scanned image for a shape distortion in a sub-scanning direction. At least one of the electrodes includes an aluminum fluoride layer facing the other of the electrodes.

1459828511-8539d268-4b99-4d64-b018-4eb97e8ad0ca

A photosensitive resin composition and a photosensitive dry film which are excellent in both sensitivity and stability and are well-balanced in tent strength, resolution and plating non-staining are provided. The tab protection member is provided with tab through-holes and a closing plate section for closing an opening in the male connector housing. The exposed, ruptured cervical air sacs are treated with an antibacterial agent, thereby reducing pathogenic bacteria.

1459828511-aa5113c7-e298-4396-bc88-29895d1a7b3b

A printing unit includes a support structure. The transceiver includes a modulator that utilizes DMT modulation methods for communication over the transmission medium, a demodulator for receiving DMT signals, and a channel equalizer that operates in the frequency domain. Wiring of the optical fibers is configured to connect two single-fiber optical connectors inserted into adjacent single-fiber optical adapters and fiber holes in the upper tier and the lower tier in the same row of the multi-fiber optical connector. The tube is put into the furnace while supplying an atmospheric gas into the tube from the front end of the tube moving direction with one of these gas supplying devices and a gas introducing pipe, which is arranged inside the furnace, and this tube is maintained at 650 to 1200° C.

1459828511-bc017741-9b5b-4382-aae2-97a6f86b9854

A method used in a transmitting device comprising a non-linear amplifier and a digital predistortion circuit. A composite lens has a first lens component and a second lens component. The sign includes at least one optically transmissive layer secured to the reflective layer such that the reflective layer is positioned between the optically transmissive layer and the body portion. In one embodiment, the three-dimensional tool space moves with or is linked to the virtual person's body so that it travels through the environment with the virtual person's body.

1459828511-dc0cbb48-c1e5-470f-8d26-a93c33495e0a

In an embodiment, a bicycle saddle fit system comprises first and second supports, a substrate coupled to the first and second supports, and a measurement gauge coupled to the substrate. The miniaturized satellite transceiver includes an integrated GPS receiver configured to receive communications from the GPS satellite, a satellite modem configured to transmit and receive communications from the communications satellite, and an operating system. Consequently, the curve of storage modulus  $v$ .

1459828511-fea9bc13-fe09-4033-886a-43fb95bf5603

A gas separator is configured to separate gas from a two-phase fluid. Data to be analyzed is loaded from an external source the computer displays the data in response to user input using a variety of methods including data tables, slices of data spaces, hierarchically navigated data spaces, dynamic slice tables, filters, sorting, color-mapping, numerical operations, and other methods. Thus, when an entity or layer changes, the impact to the performance can be asserted, and later validated through the specific measures. The pump includes a housing having an inlet and an outlet. A member to be heated sandwiched between the conveying members is moved in direction  $d_1$ , and passes through the opening in direction  $d_1$  non-parallel to microwave traveling direction  $d_2$ .

1459828512-16001097-e741-4dcf-83b9-64251f7f8b7f

A dynamic range compression apparatus that uses a look-up table is capable of dynamic compression that compresses the peak input value to the full output range, even when image signals with variable D-ranges are inputted. The garment includes a front panel; a back panel; and at least one tummy control panel formed of a low-stretch, high pre-tensioned fabric attached to the inside of the front panel beneath the waistband of the front panel. The control circuit includes a memory storing the characteristic information and variably sets at least one of the limiting voltage, the voltage-limiting time period, and the constant current in

response to the characteristic information.

1459828512-79bce5d6-96e7-4ae0-8aa0-ecb352683b2b

A tire for a vehicle wheel includes a carcass structure, a belt structure, and a tread band. The present invention also proposes a base station and a user equipment which will be used to implement the inventive multiuser multi-input multi-output scheduling method. The cut is fastened in the larger circle of the aperture member. The preferred arrangement includes friction enhancing surfaces on the corresponding portions of the socket and the wedge to facilitate maintaining the load bearing member in place. \u201cSimultaneous\u201d stimulation involves sequentially stimulating the patient with the multiple stimulation settings such that the patient receives the cumulative effect of each stimulation setting, while not perceiving the transition from one stimulation setting to another.

1459828512-9137ed5f-2a4c-49be-9dee-a096df23fa02

Apparatus and methods for oscillation suppression are disclosed. The optical disc device comprises two types of holding mechanisms that form either a single disc mounting space or a cartridge mounting space according to a shape of a single disc or a cartridge to be mounted in the tray, and hold the single disc or the cartridge in the respective mounting space. A dividing wall is in the passageway and has an upstream end in an outboard half of a span of the airfoil and has a plurality of vents.

1459828512-e55113ef-f1b9-465f-88b7-19a71695374d

A method of tracking a vehicle including receiving vehicle information at a call center from a telematics unit via a wireless network, determining whether the vehicle information is associated with a vehicle station identification for a missing vehicle on a vehicle tracking list and initiating vehicle tracking based on the determination. A side plate is connected to an end of the box and a coil spring is disposed to the side plate. A dispenser is coupled to the bottle and arranged to communicate with dispensable product held in the collapsible bag. Hydraulic lines are fed to either side of the piston to effect actuation in either direction. Upon determination by the device determination section that a USB compatible device is connected, the DC-DC converter supplies power to the USB compatible device. The preformed shape includes a first arc, a second arc, a third arc, a fourth arc, and a generally straight terminal portion.

1459828513-0a1af8a4-f33c-4dff-a006-cfcba32da053

In an embodiment, a multi-carrier signal is received over a channel. A mounting device is secured to the wall of the manifold. The criteria when the occupant enters the vehicle is different from when the occupant exits the vehicle.

1459828513-1dae5703-9761-49b3-a478-ba8f7dd5cef3

A transition encoded dynamic bus includes an encoder circuit at the input to the bus and a decoder circuit at the output to the bus. The circuit includes a plurality of phase locked loop circuits for generating a plurality of spread spectrum waveforms. The first dispensing rib and the second dispensing rib define a dispensing orifice. The tube structure has a proximal end and a distal end. The orifice tube has an orifice formed through the orifice tube body and the flange, which has an inner diameter smaller than the inner diameters of the first and second return tubes, so as to control pressure and speed of the hydraulic fluid flowing through the orifice from the first return tube to the second return tube, thereby reducing noise.

1459828513-26c5a0ff-1213-447c-be66-cc10e2221e76

A method and apparatus for making an RFID article such as a label, tag, ticket, envelope, carton, inlay, etc. The duty cycle and overlap of outputs of the positive and negative power supplies are controlled, and an overlap that achieves a desired offset voltage is determined. If multiple requests are identified for the streaming

file during the time interval of interest, then determining, from the determined segments of the streaming file accessed by each of the multiple requests, at least one unique segment of the streaming file that was most recently accessed within the time interval of interest. This is followed by concurrent transformation of the data in multiple execution threads. The dial desirably is also preformed and then attached to the keyboard. The at least one module includes a charting module.

1459828514-3cb89c5f-52d3-4a95-a0ce-981ae32273df

A transfective liquid crystal display and method of fabricating the same. The magnetic field sensor measures two components of the magnetic field produced by the magnetic field source. Since the auxiliary wiring line is formed in the same layer as an electrode that constitutes a TFT, the electric resistance of the wiring line can be reduced effectively and waveform rounding of an applied high-frequency signal can be reduced without increasing the number of manufacturing steps. For second input chroma values above the threshold chroma value, each second input chroma value is mapped onto a respective one of a plurality of second output chroma values such that a first non-linear relationship exists between the second input chroma values and the second output chroma values. A polishing pad support is positioned to carry the first polishing pad proximate to the carrier and is also configured to carry a second polishing pad having a polishing surface with a second shape configured to remove material from the first face of the workpiece while the workpiece rotates about the axis. The device includes an n-type semiconductor resistance region formed in the surface of a compound semiconductor substrate, and a p-type buried region formed between the n-type semiconductor resistance region and a substrate region 21S of the compound semiconductor substrate.

1459828514-6c0f17e7-951c-4447-88f6-d0376848bd12

The invention provides a process for selecting wheat plants and generating wheat lines which exhibit genetically-controlled glyphosate herbicide resistance in the absence of genetic engineering, wheat plants that are glyphosate herbicide resistant, and the naturally-occurring genes that confer glyphosate herbicide resistance exposed by the selection process. The beads are encoded to indicate the identity of the receptor attached, and therefore, an assay image and a decoding image are aligned to effect the decoding. The system may further include a reporter to notify a congestion source of the layer 2 endpoint buffer based upon the buffer data packet occupancy and/or rate of change in the buffer data packet occupancy. The base and photoluminescent panel are flexible in a transverse direction allowing the wall marker to be stored in roll form in an unassembled configuration. The selected synchronizing signal is used to generate a control signal that synchronizes a stereo viewing device to the selected video stream. A selector function uses selection criteria to select accounts and events from the relational database in order to generate a number of inputs for profitability calculations.

1459828514-b424abf4-3dd6-4ee1-80f6-10617ecc7d7f

There is disclosed a semiconductor storage device comprising a trench capacitor wherein a high dielectric-constant insulator is used and formation of a depletion layer in a capacitor electrode is suppressed. The method initiates with defining a pipeline of processors communicating with a distributed network and CPU of a host system. At the same time, with four-stage pipeline to just enough to meet the speed requirement, the hardware cost for the new designed Viterbi decoder is reduced compared with single-staged decoding. A camera lens module and a hinge assembly are selectively disposed in one of the first and second hinge housings. According to the present invention, a polarizing plate, which exhibits excellent polarizing properties and durability, has high surface hardness, and may be formed as a thin plate, may be provided. An electrical power source, which may take the form of a battery, is disposed within the device and a selectively activated light source, which may take the form of an LED, is operably coupled with the power source.

1459828514-ce88ded9-95e8-4275-8a8a-569ae5a94f82

The present invention relates to unsupervised, supervised and reinforced learning via spiking computation. A preferred embodiment of the invention includes an enhanced notification server that receives a notification of the message from the voicemail server, queries the availability of an instant messaging client via an instant messaging presence server, and forwards the notification to the instant messaging client via the instant messaging presence server if the instant messaging client is available. The unsymmetrical part of the lead frame is visible through the observation hole. The pulse forming network includes wedge-shaped capacitor modules that, when juxtaposed, collectively form a substantially annular shape having generally cylindrical inner and outer surfaces.

1459828515-4cd99492-9a0c-4846-a678-8eb7a0449ae9

An extension of an inverse inference search engine is disclosed which provides cross language document retrieval, in which the information matrix used as input to the inverse inference engine is organized into rows of blocks corresponding to languages within a predetermined set of natural languages. The variable tension risers allow several subsea wellheads, in water depths from 4,000 to 10,000 feet, at lateral offsets from one-tenth to one-half of the depth, to tie back to a single floating dry tree semi-submersible platform. To simplify conventional modulated battery chargers, the PLL or other methods of phase correction are removed, reducing most of the calculation requirements for adjusting the phase angle, thereby reducing the piece count and ultimately cost and complexity. In order to encapsulate CDPD block data using the TIAEIA-136 standard, an encoding step is performed on the sending end that includes constructing a CDPD block comprised of CDPD data, assembling an TIAEIA-136 frame leaving the data fields of the frame empty, and placing CDPD block data in the data fields. The method further includes generating a desired motor torque signal for controlling a power steering motor in the parking assist operational mode utilizing the controller, based on the desired front road wheel angle signal and the parking assist request signal.

1459828515-9d63408e-f106-41da-a5ee-83b1ee180cdc

The present invention provides a pixel which utilizes a charge multiplying photoconversion element. For example, a computer-implemented method for generating a recommended query for a conversation system in response to an original user query, wherein at least a portion of the original user query is not understandable to a query interpretation process, includes the following steps. An impregnation holding member holding a lubricant is embedded in the embedding portion. The base includes a base opening. The present invention proposes a simple and flexible scheme for the adaptation of the performance of a communication device in the random access procedure in the case of certain events.

1459828515-b36d6d90-d1f5-4d2c-a26e-b775fb4cccb7

A trampoline has an enclosure which includes a wire ring; a plurality of connectors connected to the wire ring; and a plurality of support poles. The device can inter alia be used for the diagnosis of alkali metal polarisation in a polariser for inert gases. A user interface for inputting purpose parameters specifying a document variation and a selection engine for utilizing the current values of the purpose parameters for generating customized versions of the document.

1459828515-d527e421-c68b-4b3f-a201-d3603133fd6c

During engine braking of a turbocharged internal combustion engine, the exhaust gas pressure increases and this is used to pressurize the seals between the turbocharger shaft and the bearing housing so as to prevent oil leakage into the compressor housing. The second fastener is suitable for affixing to the first fastener when the bottom surface of the panel is placed upon a bench and the strap is extended along an underside of the bench toward the front side of the panel. The proteinaceous substrate includes one or more proteins and an adhesion modifier, and may also include one or more of: a pasticizer, a carbohydrate, or other modification agent. The gain setting may be used to generate the headphone

correction filter.

1459828516-6006a458-6fdb-45a8-8029-4d226f417ed2

Transparent sheets of acetate carrying a band of adhesive on the reverse side adjacent to one edge can be used for making notes on text and illustrations. The second memory structure is operable to identify a repeated issuance of a forward program redirect construct, and issue a next program instruction already stored in the second memory structure if a resolution of the forward branching instruction is identical to a last resolution of the same. The LED lighting device according to the embodiment includes a lower case; a light source unit disposed on one side of the lower case; a light guide plate disposed in parallel with the light source unit; and an upper case disposed on the light guide plate and coupled to the lower case in an attachable and removable way. A first rolling bearing is disposed between the first rotary shaft and the case and rotatably supports the first rotary shaft. Also included are an analogous NAND-gate based circuit, a circuit combining the NAND- and NOR-aspects, a circuit with a ring oscillator where the inverters may be coupled directly or through inverting paths, and circuits for measuring the bias temperature instability effect in pass gates.

1459828516-fb2dbd77-6929-49bd-bcf6-18107214a69e

The present disclosure provides a method for improving image on paper registration in an image printing system. The steering rack is secured transversely to the bogie beam and is longitudinally spaced apart from the landing gear axle. The split keyboard is configured to receive input that is shown on the rectangular display. And the scanning and exposing may not end until the speeds of the wafer stage and the reticle decrease to zero. The control circuit 20 in the power supply device 10 which outputs different direct current voltages includes a voltage setting unit 22 for determining the setting level of a second direct current voltage V<sub>BGP</sub> which has a potential relationship with the setting level of the first direct current voltage V<sub>CC</sub> which is one of a plurality of the different direct current voltages.

1459828517-03ad68b5-b220-437b-8e99-459f841832e8

The present invention provides organoselenium compounds comprising dibenzoselenophene, benzobiselenophene or benzociselenophene and their uses in organic light emitting devices. The plurality of U-shaped magnetic circuits being comprised of a first stator segment, a second stator segment, and a plurality of stator yokes. The first bumper element includes a protruding portion interposed between the seat bottom surface and the seat suspension, the protruding portion supporting a portion of the seat from the seat suspension. A ratcheting system coupled to the master grip to receive the alignment of the master grip and coupled to the slave surgical instrument, to control motion of the slave by continuously reducing the alignment error, as the master grip moves, without autonomous motion of the slave surgical instrument tip and without autonomous motion of the master grip. The flow drill screw also includes a stud extending from the shank along the longitudinal axis and away from the first shank end. The deflated balloon portion is withdrawn from within an expanded medical device a predetermined distance before the remains of the ruptured sheath begins being removed from between the expanded device and a vessel wall.

1459828517-2f075e1c-0aec-4782-9cf6-744ab6200d7c

A method for processing data may include receiving packetized data via at least one of a plurality of input ports in an Ethernet switch. The surfactants are of particular advantage in resolving crude oil emulsions of the type encountered in desalter and similar apparatus designed to extract brines from the crude as they partition to the aqueous phase in the desalter. The hard mask is then removed from the gate structures in the non-core region.

1459828517-f9d79431-103a-42b0-b122-2fa9d8636f64

A terminal and a method for prompting service failure in the video telephone

service are disclosed, and the terminal comprises a processing module, a storing module and a setting module which are connected orderly. The nanowire catalysts are useful in a variety of catalytic reactions, for example, the oxidative coupling of methane to C2 hydrocarbons. The object management system preferentially selects the distributed data storage units for performing the file access requests according to the external inputs/outputs with which the file access requests are associated. Loops are provided on each side stringer, and the cord extension segments are each passed through one of the loops before being cinched to tighten the cording against the boot. A set of first fill elements are uniformly arranged along the boundary outside of the \u201ckeep out\u201d distance, and a set of second fill elements further from the conductive line than the first fill elements are arranged in a pattern that would be uniform, but for having some fill elements missing from the pattern. A tag at the side of the reader is aligned in the direction of travel by rails on the conveyor.

1459828518-12011985-ff3e-4429-b7b8-ced5367f2173

A reinforced composite material based on aluminous cement and tabular alumina or corundum, reinforced with glass-fibres, method of preparing the same, its use for preparing manufactured products, as well as manufactured products formed in this way and their use. The sign system includes a support for maintaining a sign system at a predetermined orientation. Each light guide portion of the plurality of light guide portions is surrounded by light emitting regions of the plurality of light emitting regions.

1459828518-65a92798-005a-4907-9d95-93e17e785916

A patch for a therapeutic electrical stimulation device includes a shoe connected to the first side of the patch, the shoe including a body extending in a longitudinal direction from a first end to a second end, and having first and second surfaces, the first end of the shoe defining at least two ports, and the first surface of the shoe defining a connection member. A DC bias potential which is different in magnitude from the DC self bias potential is applied to the coil from a DC voltage source. A digital residue signal of the output of the one or more initial pipelined analog to digital converter stages is sampled.

1459828518-87365777-dfc9-4ddd-b0a6-944bc0fc1f0d

The present invention provides 3-benzyloxy-2-aminopyridine, 3--2-methyl-9-hydroxy-4H-pyrido1,2-apyrimidine-4-one, 3--2-methyl-9-hydroxy-4H-pyrido1,2-apyrimidine-4-one and 3--6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrrido1,2-a-pyrimidin-4-one useful as intermediates for the preparation of paliperidone. A determination is made as to whether access to a resource is permitted, by at least comparing the collection of multiple user credentials to a threshold combination of user credentials to be satisfied to access the resource. The method may then determine the longest edge or major edge of the triangle and also determine the direction or axis of the longest edge of the triangle. The module support may also be hung on a wall or column using hanging elements, e.

1459828518-ba72f3a8-22a4-4bb7-bf88-c9715dd3952e

A semiconductor package has a substrate having a first surface, a second surface, and a through hole opening. A user may specify or create source code using a programming language. A testing process is performed to ensure functionality of the wireless handheld device. Yet another aspect of the invention is a dual dispenser including a mechanism for dispensing the soap, a mechanism for actuating the dispensement of soap, a mechanism for accelerating the dispensement of air freshener and a mechanism for actuating the mechanism for accelerating the dispensement of air freshener. By using such a cyclic design, an organization will not need to stock different parts for each band and thus significantly reduce the inventory cost. The shaft holder bracket has means to secure the elongate shaft from rotation and sliding.

1459828519-da2cb772-bf16-4375-a09e-9c43f91e65e6

A pack for carrying school books and other items, with the weight substantially balanced between the front and back of the wearer. First and second signals corresponding to at least two beams may be generated or received. , R3 constitutes linear or branched chain alkyls, or a group of the general formula  $\text{R}_3\text{X}$  Where X is preferably H, n is 0 to 3 and the dashed lines represents an optional double bond. The connection members comprise first connection members 21a and second connection members 21b.

1459828519-eabd51dd-6f32-457e-b895-f6fc1c1c5142

A system and method controls injection of a reductant agent in a selective catalytic reduction system. The method includes positioning a part having a part axis relative to a measurement axis at the part inspection station and scanning the positioned part with an array of planes of radiation so that the part occludes each of the planes of radiation over a measurement interval of the part to create a corresponding array of unobstructed planar portions of the planes of radiation. Here, the DAI information includes at least one DAI value, in which varying combinations of the number of downlink control channels and the priority value are overlapped and mapped. A label may then be generated representing a first measurement parameter observed from ones of the plural cellular sites at one of the selected geographic locations, the label including a relative ranking by cellular site of the first measurement parameter.

1459828520-20e258a4-2358-40c3-a746-59be7486ea5d

Provided herein are isoindoline compounds, pharmaceutical compositions comprising one or more of such compounds, and methods of their use for treating, preventing, or managing various diseases. An upper arm and a lower arm are mounted to the mounting bracket for pivoting motion about a first vertical axis. The light-blocking layer has a first opening portion formed in a storage capacitor region. The gussets may be offset from the center of the bumper beam and overhang the edge of the beam. The first and last freezer packages in the stack are proximate to the first and second electrodes, respectively.

1459828520-3f5002e6-2739-40db-b8c4-42eb0020c824

A wireless end-user device has a wireless wide-area network modem and supports multiple wireless network types. The load-bearing element, with a patient tabletop mounted on it, can be leveled by a continuously adjustable leveling device. The thermal insulator is formed from a pouch-covered thermal insulation material. The return beam is directed onto a multichannel detector. This allows the printhead to use smaller heater elements with lower power requirements.

1459828520-51da42f2-5657-4610-998a-2063ad2f4f03

A workpiece is implanted to affect growth of a compound semiconductor, such as GaN. The JRE comprises a Java Virtual Machine and Java runtime libraries components and is capable of executing a player application for presenting content that can be presented through a Java program and downloaded from a content server to the client. An optimization function is determined based on the input image and the regularization strength for each pixel thereof and assigns a value for each pixel, by which the determined optimization function has the minimum value, to the corresponding pixel of a restored image to be generated. Multiple phase-to-phase signals may be encoded and transmitted between different pairs of the power cable conductors, or the same data may be encoded and transmitted in multiple phase-to-phase signals in either a single-ended or differential manner.

1459828520-f4e21bf5-0b78-42a3-9d30-1da6290b0ce6

Footwear including removable and replaceable outsole members may include: an upper member; a midsole member, having an exterior surface not designed for performance use in direct contact with the ground, fixedly engaged with the upper member; and an outsole member designed for performance use in contact with the ground removably



attached over at least a major portion of the midsole member. A splice trigger is received at a pre-conditioning encoder. Of fourth to sixth IDTs, the fifth and sixth IDTs are connected to a second balance terminal. When a newly created object is being added to a full cache where each object is enrolled in a transaction, one or more active objects may be passivated from the cache based on various criteria to make room for the new instance to be added.

1459828521-8e725c43-2bbb-47c1-b3bb-66ef57fc049d

A wavelength multiplexed holographic system includes a wavelength tunable blue-violet laser and a controller for wavelength multiplexing. An intermediary located between a client and a server receives a response from the server to a request of the client to setup a media stream. An actuating member is slidably received in the handle for actuating the detent member to engage with the driving shank. The present invention includes a removable sensor assembly.

1459828521-a3443797-cd12-42bb-99a9-c21e9cd45948

A communication system is proposed for transmitting at least one of the data, the program, and a combination of them from a host facility to a communicator such as a communication terminal device. A grip member with a first pivot coupling selectively couples to a second pivot coupling on the frame and a pair of stabilizer legs are suspended below the frame so as to balance the camera on the grip member. The face plate of the controller, in one embodiment, has a recessed portion with terminals for connecting the low voltage conductors. In another embodiment, the insert is embedded in the blade lamination with an inner part stuck to the body of the insert.

1459828521-be9c69d5-1bc1-4241-a249-b2d32488342c

A water-saving toilet is disclosed. In at least one embodiment, first image data is reconstructed in each case from the measured data sets such that a series of first image data is available. Each of such fasteners has male and female members detachably and directly mated along a width of the body and between the longitudinal sides respectively. The upper end of the pillar is covered by a cap and sidewalls of selectively etchable materials so that gate and source connection openings can also be made by selective etching with good registration tolerance. This allows for contactless testing of the integrated circuit, whether the circuit is in die form, wafer form, or packaged form.

1459828522-0f273ae8-aec5-47a9-ba18-58593764d407

An apparatus for helping to protect an occupant of a vehicle includes an inflatable vehicle occupant protection device inflatable between a vehicle surface and the vehicle occupant. Components to be cleaned are stored within or supported by a dedicated cassette before they are placed in a receptacle of cleaning liquid. The second section extends in a spiral along the axial centerline of the drum adjacent to the first section.

1459828522-e1af0803-6333-4ece-897b-1dd9d9e4505b

A semiconductor device includes a semiconductor substrate having an active region and an isolation region. The method further includes determining a transformation between the first image and the second image. The heat transport structure is formed as a cavity or at least one fluid passage arranged radially, in parallel, as a matrix, or a serpentine channel.

1459828522-ec10e626-0088-4a46-b07c-08a4a43b5db3

A regulator assembly is provided for use in a respirator system to supply a regulated flow of air to a respirator head piece. The front panel is partially surrounded by an air intakegas exhaust system. The magnet can rotate about a rotational axis of the cylindrical shape. In one embodiment, the media control valve of the present invention includes a valve body having a media inlet and a media outlet. In an embodiment in which the data processing system is implemented

as a multi-node system such as a NUMA system, the first portion of the main memory is in the main memory of a first node of system and the second portion of the main memory is in the main memory of a second node of the system. A first flow of the fluid travels through the annular gap, and a second flow travels through the longitudinal channels.

1459828522-f9e9130a-05fc-4e50-b265-c4707e706c40

Some embodiments include semiconductor processing methods in which a copper barrier is formed to be laterally offset from a copper component, and in which nickel is formed to extend across both the barrier and the component. A laser source illuminates the target and the Doppler shifted return beam is incident upon a window system at an angle and is transmitted therethrough. A cradle on the front blade and on an outrigger of the crane is used to transport a pole. Responsive to loss of the power source, the UPS may be used to maintain operation of the generator as an induction motor while the prime mover accelerates up to a speed sufficient to drive the generator as an induction generator.

1459828523-598d1427-fbe9-4bb5-b4ec-6d6a95fd1b4d

Anti-reflective compositions and methods of using these compositions to form circuits are provided. In one method, both a predicted predicate value for a predicate and a confidence value for the predicted predicate value are determined. The identification cells harboring certain strains of HCMV, such as HDu, will provide a novel mechanism to identify cells that are at risk for undergoing oncogenesis. One or more annular sealing ridges extend aftwardly from the plate rim.

1459828523-66c31feb-20b8-42da-a542-1cca0a3d2831

Various methods and systems for testing electric automotive drive systems are provided. Control unit 100 sets the target shifting required time based on parameters indicative of the state of engine 1 or the transmission, and corrects the command value to the friction clutch so that the required shift time can approach the above target shift required time. The second semiconductor region is provided on the first semiconductor region, and includes silicon carbide. Citrus greening disease is able to be cured by spraying the treatment liquid onto leaves of citrus trees infected with Citrus greening disease or by pouring the treatment liquid on the roots of citrus trees infected with Citrus greening disease. This is accomplished by a valve member defining a channel that is coupled to a port at the first end while pivotally movable to intersect different ports at the second end. Subsequently, the first computing device disassociates the application of the first computing device from the data structure of the connection.

1459828523-c667d54f-7adf-4b43-8a59-46484e1bcf33

An enclosed bicycle drivetrain is provided that produces a range of drive ratios suitable for any riding purpose. The subject innovation can enable access to unstructured data directly from within the data mining engine or tool. The receptors can include at least one protein receptor and at least one nucleic acid receptor.

1459828524-1635d812-ccd8-44f5-a020-8878b80cab4d

Semiconductor processing methods of forming integrated circuitry are described. In one embodiment, a catalyst withdrawal apparatus for removing catalyst from a FCC unit includes a vessel coupled to a flow control circuit. In one implementation, the signal processing arrangement is programmable with complex high-speed signal processing parameters that can be downloaded, for example, via the Internet in response to an end-user request. The holder is disposed on one side of the base and connected to one ends of the supporting units.

1459828524-191b1102-a05d-41a1-a3b9-c2fa5655260a

A networking device includes a legacy preamble injector that inserts a legacy

preamble based on an indication that a legacy device is coupled to a common network. Embodiments include, self-aligned polysilicon contacts done by timed contact etch, by a two layer dielectric, by adding a dielectric etch stop layer, and by partially planarizing a dielectric or etch stop layer over the gate layer. The resealable stopper defines a heat-sealable portion to allow the stopper to be penetrated by a needle or other filling device to fill the syringe with a medicament or other substance, and in turn allow the hole remaining upon withdrawal of the needle to be heat sealed by transmission of laser energy thereon. A remote position reporting device of the monitoring system can be part of or attached to any mobile object such as a child, a skier, a car, and expensive items. The pitch pattern for the novel track has a six pitch tread pattern which repeats every successive sixsomes of pitches. Each of a plurality of rods is attached to the loop and extends downwardly therefrom.

1459828524-909f0b3e-a9a3-4031-bb43-0b4879ff50b2

A mother glass composition for graded index lenses, comprising the following glass components in mol %: 40\%SiO<sub>2</sub>, 1\%TiO<sub>2</sub>, 0\%MgO, 2\%Li<sub>2</sub>O, 2\%Na<sub>2</sub>O, 6\%Li<sub>2</sub>O+Na<sub>2</sub>O, and from 0. A first set of openings are formed in a first photoresist layer coated on the substrate using a first mask. In accordance with a second embodiment, a contact lens with the desired distance corrected ideal turtleback shape on its anterior surface is positioned over the cornea. In preferred embodiments, high frequency current may be passed through armature windings of the motor-generating circuitry to induce surface currents into the periphery of the rotor. In addition, the present coupled cavity circuit operates on an electron beam to interact with the third space harmonic of the second passband of the electromagnetic signal.

1459828524-a609a09f-0502-4c01-9ffb-cd05a4f755cf

An image sensor with matrix readout includes a matrix of elementary photodetectors connected through at least a bus to a remote integrator which converts the signal of each elementary photodetector into a voltage. Programming with high viewership statistics is transmitted substantially continuously and programming with lower viewership statistics is transmitted on-demand in response to requests by users by way of a subscriber station. A bath of conductive bonding material is made inside a tray-like metal chassis of the assembly.

1459828525-115b7c68-4afb-4ceb-935e-8f80591b167d

A code-reading apparatus determines the type of data in recorded code data and carries out appropriate processes depending on the determined type of data. A position measuring arrangement includes a first element and a second element that moves in relation to the first element, wherein the rotor and the first element are connected, fixed against relative rotation, with the shaft. This country information may be a Mobile Country Code that is broadcast by the WWAN. The filtered RAB may be compared to a threshold to determine a mode of reverse link data rate determination.

1459828525-8bce4631-f199-47ec-a95c-61188016c960

In a satellite communication network, a link between a remote terminal and a traffic processor located at the hub may be used for providing services over a satellite link, such as traffic routing, protocol acceleration, data compression and data encryption. The present invention is also related to the nucleotide sequence encoding said amino sequence, the inhibitor directed against said sequences and their use in the diagnosis, treatment, and/or prevention of lung injuries or diseases and oxidative stress-related disorders. The upstream muffler and the downstream muffler are arranged in parallel, and the second exhaust pipe extends from the downstream muffler through a region that is located closer to the engine than the first exhaust pipe. Patients with atherosclerosis or cardiovascular diseases can be treated with the dimer. These steps are repeated for each pulse signal received until a delayamplitude map of the transmission channel between the

stations is complete.

1459828525-bd433bc9-03d3-43e9-9d0d-832678ce6ee9

Disclosed herein is a vibratory gyro-sensor including a vibratory section, a synchronous detector which synchronously detects a detected signal from the vibratory section in timed relation to a timing signal for synchronous detection, and a timing signal output section which outputs the timing signal for synchronous detection. The target signal is detected on the rising and falling edges of the reference signal. The specifying unit specifies a correction amount of the image data for keystone correction processing. A database is configured to store the first set of user contacts and the first set of priorities. An essentially closed ring profile, into which the collar projections are integrated, is created when the collar is hemmed. Further, the bathing composition is an environmental-friendly composition because the loess-containing water discharged after bathing flows into a draining path, thereby purifying a contaminated river and recovering contaminated soil.

1459828525-e2cec46b-4768-4233-ba5c-312ff0fbb3ad

Call center supervisors require information about the performance of call center agents in order to manage them appropriately. The determined transportation modes may be used to tag the GPS data with transportation mode information, and/or dynamically used. The frame includes at least a first member and a mating second member which together define the opening for the media.

1459828526-0ac7d886-495a-4461-bcc1-ee1cb029abc8

A system and method for providing file sharing using an instant messaging application are described herein. A system that incorporates teachings of the present disclosure may include, for example, a media receiver having a controller element to generate a Media Program Guide that groups media programs according to a redundancy of media programs and a viewing history of a subscriber of the media receiver. And the enlarged wall is outside the second closed line segment and is inside a third closed line segment which encloses the second closed line segment, wherein either the third closed line segment is dissimilar to the second closed line segment or a gravity center of the third closed line segment is different from that of the second closed line segment. The architecture further includes a synchronization buffer in each input signal path for transferring the input signal to the clock rate of the time slot interchanger.

1459828526-85aa70cd-ab3f-40c2-9904-acd2074271d2

A precision high-frequency capacitor includes a dielectric layer formed on the front side surface of a semiconductor substrate and a first electrode on top of the dielectric layer. This splicing method splices opposing end faces of two optical fibers by fusion, and heats a formed fusion splice to match mode field diameters of the two optical fibers in the fusion splice, wherein the two optical fibers are fixed with an axial tension applied or not applied to the fusion splice, after the formation of the fusion splice, before the fusion splice is heated. Once the double tread is cured and cooled, it is cut along the centerline with a double tread separation apparatus to expose a soft non-oxidized inner rubber. Therefore, generation of a moat in the trench insulating film is avoided. The shafts of the extruder are designed with a double lead in a degassing zone, and with a triple lead in a pressure build-up zone.

1459828526-a1fd5f6c-9c90-4198-9c2d-148cf325eb2a

A disposable absorbent garment includes a front body panel having a first waist edge and a first crotch edge defining a first lobe having a first profile in plan view that extends outwardly relative to the first waist edge. The platform includes a portion of an electrochemical control. The spool includes an intermediate land having a first side and a second side opposite the first side. The transitioning passage further includes a tapered passage section which tapers toward the vertical

channel, and a wall part which partially Ago confines the tapered passage section at the outermost turning side. The e-mail firewall employs signature verification processes to verify signatures in received encrypted e-mail messages.

1459828526-bf6e5d9f-c025-47a9-8d60-228446d9669a

A method for minimizing the life cycle cost of processes such as heating a building. An input arm assembly is provided with interchangeable vacuum leads. Also disclosed is a process for the preparation of solid rasagiline base. A trap door is disposed on the bottom of the container body and selectively opened by a bracket actuator attached to the trap door.

1459828527-b9f85940-272d-4aa7-bc0a-189c0ab9ca3b

A unique method for providing entertainment to a portable device, such as a wireless communication device, is disclosed. Aspects of the invention include novel STT-based switching devices, new configurations of known STT-based devices into useful logic circuits, common logic circuits and system building blocks based on these new devices and configurations, as well as methods for inexpensively mass-producing such devices and circuits. Particularly the invention concerns novel intermediates and their use in methods for the preparation of S-\u03b1-ethyl-2-oxo-1-pyrrolidine acetamide. After locking the locking device, a wellbore is drilled to have a diameter greater than an outside diameter of the tubular member. The destination position of the destination block of the reference model is not visible in the image.

1459828527-d6b2897b-e0f0-4df2-9643-2a3949f01ffa

A control system comprising a spark knock detection module that detects a spark knock in an engine of a hybrid vehicle, and a torque control module that selectively regulates an engine torque output and an electric machine torque output based on the spark knock. Furthermore, a support body for connecting the fixing base to the vehicle body frame is also separated from the engine by a gap. The rotatable imaging component is rotated. The dispenser is adapted to hold a roll of adhesive tape therein and because of the decreased distance between the projections, the tape assumes a convex shape when viewed from the front end of the dispenser. A double-sided display may be realized by the electronic paper display panel. The transmitter can operate in multiple encoding modes, each of which can provide a level of redundancy.

1459828527-ee300082-f333-4a33-a4bf-f4f6318d9100

A quick holder includes a bottom housing, a cover, two clamping members, and a tensile spring. The invention uses a lateral support to hold the weight of the instrument in multiple locations, a post or posts to stabilize the instrument in the proper position, and a mating receiver mounted to the instrument to allow for assembly of the complete support structure. A drying module is operatively mountable with respect to the support frame and defines a first chamber and a second drying chamber. The connection manager feature determines the most appropriate profile to connect to an available network. The second limiter element is connected between the signal line conductor and the common line conductor at another side of the transmission line.

1459828528-1de201b4-aa78-4236-8241-2b45d3b1b450

An assembly for restricting access to a coupler includes a body, a ball cavity engagement member; and a securing mechanism. One embodiment may comprise a plurality of processor cores. The contact assembly moves longitudinally toward the front end of the connector, such that the front end of the contact moves from a first position completely within the body to a second position proximate the connector interface, as the connector receives the coaxial cable.

1459828528-de1cd7e3-293a-4a12-a14b-8ea33d3c0949

A method of authenticating a user in dependence upon biometric input information is

disclosed. After this, an allocation resource amount for each module is automatically fluctuated in accordance with the transition of the predicted use resource amount. A reflector and heat sink are attached to the bottom of the post.

1459828528-ffffc716d-15fa-46f9-9ae4-c19dc9d2f683

Fully automated demand response may be implemented at end users, in accordance with terms agreed to by end users to reduce energy demand during demand response events. This first developer storage portion 116a is communicated with the second developer storage portion 116b via developer paths 122a and 122b, which are provided at both sides of the window portion 120. The regions of the N-HHLVTSCR and P-HHLVTSCR devices are formed during normal processing steps in a CMOS or BICMOS process.

1459828529-237aad5c-61b2-4a43-9e14-72613f6cddd0

A method of and system for handling latency issues encountered in producing real-time entertainment such as games of skill synchronized with live or taped televised events is described herein. A first of a plurality of network peers then executes a portion of the program instructions which initiates the execution of code hosted by said first network peer, where said portion comprising fewer than all program instructions. An encoded data stream is obtained from concatenating successive encoded blocks such that the encoded data stream includes a predetermined bit pattern comprising a plurality of bits. The phase information acquired from the timing reference signal may also be used for other purposes, such as aligning received data with a local clock domain, or transmitting data so that it arrives at a remote device in synchronism with a reference clock signal at the remote device. When a pulse is received, software in the micro measures engine parameters, calculates fuel parameters, and fires one or more injectors. Preferably brown coal coke is used as the adsorption agent.

1459828529-82f2bcfb-fb08-4c9f-a989-349bcc9fc17f

A pressure sensor pressure sensor and an in-fiber Bragg grating. More specifically, application features are mapped to corresponding sections of underlying code, and compiler directives are generated to direct a compiler to optimize the application for the performance of specific, application features, based on their popularity. A first end of each of second and third wires is connected to a respective one of the throttle valve and the brake unit.

1459828529-c3521f62-2621-4670-8922-f65a1ea4296b

Disclosed herein are techniques for the reduction speckle of a projection display system using novel lenslet integrators and related methods. The distal end of the outer sheath terminates at least one medical device length proximal of the medical device. The hydrophilic film-forming polymer is preferably GANTREZ S. 1 to 20 seconds at a time and that light from the lamp light source irradiates the object several times. The distal tip of the catheter is rendered radiopaque, at least at its distal-most end, to enable visualization of the position of the catheter and to facilitate placing the catheter in the desired position.

1459828530-736ba236-e7fe-4819-b5b3-d53cd72ba7ea

A system for a block storage client to work with data blocks in a virtual filesystem where the actual data for the data blocks is stored in a real filesystem. The conductive film has a predetermined distance to the organic resin film. In an embodiment, one document may contain information related to an overlay and the other may contain information related to a background. The disk portion defines at least one scribe line adapted to facilitate removal of the disk portion from the annular portion when a pulling force is applied to the handle. Also included is a multilayer thermoformable article comprising a web having a film of such alpha-olefinvinyl aromatic copolymers thereto. The first reinforcing layer has a braid pattern formed in a 4-over, 4-under pattern, and the second reinforcing layer has a braid pattern formed in a 3-over, 3-under pattern.

1459828530-a65e4c93-b6dc-4304-b893-6b0c2690b943

A method and apparatus for compensating for illumination of a reference block and a method and apparatus for encoding an image, using the illumination compensation method and apparatus, are provided. The support bar includes telescoping tubes with end retainers gripping walls of the enclosures. The orifice can either be initially closed or manufactured with a small opening or hole. A latch member extends proximally from the guard that is engageable by the plunger as the plunger is depressed to release the first set of cooperating detents.

1459828531-1ce847f9-5f66-470d-acda-1404217fbaec

A technique includes using a first signal that is produced by a counter to generate a center-aligned pulse width modulation signal having a first time profile and using the first signal to concurrently generate a pulse width modulation signal that has a second time profile that is different from the first time profile. The transferred information controls the communications relationship, including responses by the consumer computer, updating of information, and processes for future communications. At least one of the first member sides includes a first member slot having a first member slot axis.

1459828532-60440ff7-993b-466c-90b8-0fdd4020425e

The invention is a vehicular mirror assembly for a rectangular shaped mirror typically found on industrial trucks, earthmovers, and dump trucks. A system that incorporates teachings of the present disclosure may include, for example, a call processing system can have a controller for processing calls in a communication system. The tubing extension has a body portion configured to be tubular in structure and a thin walled section attached to one end of the body portion.

1459828532-e16cbb70-f1a9-47b9-b2e9-ecadfdfe512f

Shrinking the dimensions of PMOS or NMOS thin film transistors is limited by dopant diffusion. The metal coating covers all but those portions of the insulating housing that are adjacent to connective structures on one or more mounting sides of the insulating housing. The velocity of the vessel relative to the bottom is derived by fitting experimental data to a theoretical function. The controller device also registers the virtual switch such that the controller device is able to receive mapping information from the virtual switch.

1459828532-f64ddc72-64b8-4bee-9c3d-cce48ef8b7e2

An image-recording device comprises a recording processor that records a common still image on a plurality of recording media, respectively, which are detachably mounted on the image-recording device. The hinge further comprises a restricting member for acting between the support track and the vent arm wherein upon movement of the vent arm, the restricting member acts to further restrict movement of the vent arm. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly breast cancer. The arm inserts into a housing and/or an opening in a head. The invention also includes a process for making the dough composition using high shear mixing equipment. In various embodiments, one or more seed treatment apparatus components are in communication with one or more controllers such that seed samples treated by a seed treater may be treated at least in part based on one or more instruction sets that may be associated with one or more research plans.

1459828533-4af82e76-a901-44ea-aab8-3b30362e5537

Techniques for embedding metadata into a piece of content are described herein. The present invention also relates to a device comprising a shape memory alloy wire attached to a substrate, where the wire is mechanically attached into a 3D structure on the substrate. Each PE router in a service node exports flow records to a Flow Record Processor in the same location. The communication device includes a unique programming permission code for security purposes, such as restricting the user programming of the push buttons. A lower portion of the air

box is provided with first and second air suction ports. Actuation of the working and retract actuators is coordinated to provide at least three positions while enabling the actuators to be changed or modified independently from one another.

1459828533-524e7d5e-6dce-4324-ade5-196f921176d6

A Chrysanthemum plant named Artist Yellow characterized by its medium sized blooms with yellowed ray-florets and green disc florets. The marker comprises a chemical signature having at least one chemical, and indicates the source of the item. The groove is used to position the plurality of contactor blocks with a positioning frame. Unfortunately, conventional manufacturers of these capacitors have paid little or no attention to reducing the size of these capacitors through improved capacitor packaging. The mold includes a main mold body having a plurality of connected L-shaped plates projected radially outward from the central axis; a base plate which is joined to each L-shaped plate, and the top side of the L-shaped plates form a screw insertion part of the mold body such that the agitator fits between the L-shaped plates at a second end of the central axis. 5 to 10 parts by weight of a polymer having an anhydride group; 15 to 80 parts by weight of a non-aqueous organic solvent.

1459828533-6b919c18-491e-4cd0-b160-427e7b9c55cb

An implanted electrical signal generator delivers a novel exogenous electrical signal to a vagus nerve of a patient. A beam is optically coupled to an optical conduit, and the optical conduit is made to bend. The reading unit reads in an EXI grammar form. In this manner, pool water can circulate from the lower end of the second section, through the second and first sections and into the skimmer intake. Accordingly, the foreign bodies can be substantially removed from the surface of the substrate without corroding a metal.

1459828533-fa5fd6c0-17ee-40e4-9c58-281ed6fca749

A user interface for a receiver of a streaming music service simultaneously displays a current-song display, a past-song display and a future-song display. A circuit arrangement and its use are also described. The intake includes an elongated channel with openings on either end that provides a throughway for contaminants entering the channel. The MV location unit then accesses, for each of the neighboring video data units, the LUT to determine a location of a motion vector within a section of the video data to which the neighboring video data unit is associated. The images are compressed in real time for local storage or high-speed transmission for remote display.

1459828534-173c7954-6f93-4e59-b839-c25c6a210c02

A caddy apparatus designed to hold paint, construction items, supplies, tools and other materials while on an extension ladder without interfering with the safety of the person standing on the ladder is herein disclosed. The resources are identified based on their file extension and are categorized according to, e. A downhole transducer detects changes in fluid pressure at a downhole location and generates signals accordingly. The planter is characterized in that the support consists of two retaining arms which can be attached to two opposing sidewalls of the planter, whereby each retaining arm can be fixed with a lower area thereof to an inner wall of a sidewall.

1459828534-197c764c-1008-4230-b860-0feb48c9778c

A contact assembly and an LSI chip inspecting device using the same are disclosed. The file store includes a hierarchal file system. A smaller increment value can be used when programming memory cells to lower threshold voltage memory states and a larger increment value used when programming memory cells to higher threshold voltage memory states such as the highest memory state in an implementation. Use can be made of different inks or immobilisation step to obtain different layer characteristics. The size of the opening may also be adjustable. The plurality of metal posts is disposed into a metal post-storage.



1459828535-356620df-5f8c-437b-a1b4-5c960d192a78

A CPU cooling structure is constructed having a thermoelectric cooling panel installed in a heat sink and controlled by a control circuit to cool the CPU to which the heat sink is fastened. A filter cloth assembly can have a liquid permeable filtering medium attached to a connector ring. A second set of code instructions is emulated to generate a second set of emulated instructions that emulate a second component of the target system on the host system. The saddle to heat pipe interface is joined together employing a higher conductivity joining media, such as tin-lead solder, which improves the thermal performance of the heat pipe assembly and minimize the temperature drop across the interface. Other embodiments are disclosed.

1459828535-72654542-9453-47e6-a853-4c03666c0f66

A pressure sensor includes a pressure sensing element having a diaphragm, a cavity, and bridge circuitry connected to the diaphragm. The tagging camera device may further include database communication logic configured to receive from at least one database data representing information from an online social network. The probes may be directed toward different applications, that is, voltage probes or current probes, for example, and may include preamplifiers that adjust the range of input signals. A second conductive layer is formed over the insulation substrate. A first spring acts on the first lever arm and a second spring acts on the second lever arm. The measured values are used to calculate experimental results including temperature change, pressure change, percent conversion of starting material, and viscosity.

1459828535-cb6e365d-28fa-40ad-abab-7aefdf14359b

The disclosure generally relates to imaging optical systems that include a plurality of mirrors, which image an object field lying in an object plane in an image field lying in an image plane, where at least one of the mirrors has a through-hole for imaging light to pass through. The control system has a compressor fluidly connected to an inlet manifold of a power source. The relative spatial parameters include a relative area and a relative shape. The non-parallel orientation of the radially-facing surfaces avoids close contact between entire areas thereof when the in-slot portions move undesirably within the slot in the radial direction of the stator core.

1459828535-d73ef9f1-e1c2-43a0-b5ff-66bd618dc496

The closure device includes a first fastening strip, a second fastening strip, a slider adapted to be slidably disposed on the fastening strips. The system includes an input to receive a digital audio input signal and a splitter to split the digital audio input signal into a plurality of digital audio signals. Status and performance data can be reviewed in real time to allow a dispatcher to efficiently manage the truck fleet.

1459828536-a53eec8e-d401-41fa-9d57-c87d5fc6852a

The present invention is a stable labeling paint suitable for use on an OSB finishing line in conjunction with metal stencils. As each user adds and deletes files in the shared dataspace, the content management system can record each interaction. A mounting member is movably connected to the base and is movable to adjust the relative positions of the base and mounting member in order to dispose an orientation indicator, such as a level structure, fixedly secured to the base, into a predetermined aligned or reference orientation. The LED module has good heat dissipation properties, thereby improving its illumination performance.

1459828536-ff5a87ff-ccf9-480d-ae0c-6879a03d756a

The invention pertains to a human N-type calcium channel isoform, h\u003b11B-SFVG, which is involved in central nervous system signaling, and nucleic acids relating thereto. The method, computer program product and computer system can further

establish a communication using an alternate type of communication, if a difference is above the pre-determined threshold. A clock bus coupled to receive the clock signal enables the transfer of the clock signal to an adjacent data transceiver. The prefetcher also determines a predominant access direction based on the counts and determines a predominant access pattern based on the history. A suggested use of the fan cooling system is for the cooling of livestock in large livestock structures.

1459828537-1dfd6d77-d3ef-4e97-a3a5-1ade2e2c34a5

A technique that improves image analysis efficiency by reducing the number of computations needed to detect constant regions. Arrangements are also proposed for mounting the machines as wheels of a vehicle, to provide ease of removing and installing said motor. Emotionally charged words or symbols in each sentence are detected. By monitoring this proportion, it is possible to detect a frozen sensor that is characterized by a dramatic reduction in the variance due to process factors over a sufficiently long detection window.

1459828537-8e6fd526-578e-416f-b090-dbbc2c071558

Selecting a transport address for a call session between a first endpoint of a first region and a second endpoint of a second region includes determining that the call session is being initiated. An example of a decorative molded body can include a three-dimensional base pattern layer having, on a bottom surface of a transparent molded body, a transparent printing layer and a brilliant layer containing brilliant particles, in which the brilliant layer is raised brightly and three-dimensionally on the transparent printing layer as a background. The compositions of the invention include combinations of platelet derived growth factor, vascular endothelial growth factor, and angiopoietin-2.

1459828537-ab84775c-ca36-41b6-a6d7-8970e239d6c8

A method and system relating to color correction for the display terminal of a display device, such method includes a master control unit generating color adjusting ratios, a display driver using the color adjusting ratios to perform color calibration, and a display panel displaying the resulting colors. First, a memory including a charge storage structure is provided. The identification of the selected network node is achieved through binding of a session identifier associated with the end user to the selected network node.

1459828537-c73fda5e-08d0-4aa6-98e3-43a30eeb8d4a

A clip-style pulse sensor may be adapted to apply limited, even pressure to a patient's tissue. The process employs an isomerizationhydroalumination catalyst. The housing has a pump axis and defines a pump cavity. Based on the relevance levels, a priority is determined among the quality tests.

1459828537-dbf61974-e948-4cc7-8d18-008af369678f

A recordingreproducing apparatus comprises a program data reading-out device, a classification information storage device, a program data storage device and a controlling device. A clutch is provided with various settings for adjusting the torque at which the clutch interrupts power to a spindle. The mobile unit further includes circuitry for establishing a wireless bidirectional communications link with the central site server via a terrestrial network, which may be accessed via a cellular telephone network. An interlayer handover controller sets a handover preference indication such that the first controller biases handover decisions towards a remote station being supported by the first radio network and the second controller biases handover decisions towards the remote station being supported by the second radio network.

1459828538-07e597c5-e5d7-4412-9dc9-f3e52e78de65

A juice extractor includes first and second opposing cups relatively movable to compress a fruit therebetween, a strainer tube associated with the first cup, and

an orifice tube being movable within the strainer tube and having a pressure-applying end surface for urging juice through the strainer tube. The inventive adenovirus vectors carry one or more deletions in the IVa2, 100K, polymerase and/or preterminal protein sequences of the adenovirus genome. This enables the position of the oil discharge hole on the lower side to be as high as possible, thereby suppressing penetration of oil into the interior of the balancer housing through the oil discharge hole.

1459828538-51a649ce-bbf0-42c6-b818-8948cbf31821

Provided are a method, system, and computer program product for using information on InputOutput sizes of accesses to an extent to determine a type of storage device for the extent from a plurality of storage devices comprising at least one of a first storage type and a second storage type. The alignment load-lock includes an alignment stage that aligns a wafer during pump-down. The micro-actuator control signal is notch filtered to remove the frequency component of the sinusoidal signal before it stimulates the micro-actuator. The magnetic tunnel junction data cell includes the free magnetic layer separated from a second pinned magnetic layer by an oxide barrier layer. The logical port represents a logical E1 path between the two call control nodes. The safety element is made of a melting or subliming material.

1459828538-b959b3e5-0f2b-43b2-9fb2-66f806f8aa67

The present Invention provides a surfing device comprising at least one energy projecting means and at least one energy projecting structure for supporting and positioning the energy projecting means. The first and second auxiliary flumes are in fluid communication with the common main conduit and the underdrain laterals. These three members are attached to a shielding electrode S overlying the front substrate 111 to dispose the vibration absorber 241 between the holder 231 and getter shielding member 251.

1459828538-bcafd8b7-3fd5-4f5d-b296-101e5d93082b

A backside cannellure of an electrode to provide for detecting semiconductor wafer shift after the wafer has been positioned over the cannellure of the electrode is disclosed. The system identifies a resource having two or more data elements. A throttle pedal position sensor senses a position of the pedal, is connected to a control unit for sending a throttle pedal position signal to the control unit and is disposed forward of the CVT. Flexible timing is aligning the reference clock to the feedback clock is obtained with additional delay elements disposed in the feedback and reference clock paths.

1459828539-033f6d3f-ef65-4339-98c7-95826fdda69e

An object of the invention is to eliminate a program having a high general preference, and recommend a program customized to a preference of a specific user. The system includes a delivery conduit for administering fluid to the biological mass and a collection conduit having an external seal and for retrieving the fluid. Both the layout database may be GDSII files, OASIS files, or other format layout database file, in which multiple records sequentially build the layout database. A data storage controller is configured to encode each tuple in the mapping table using a variable length encoding.

1459828539-407c1952-3628-4696-8720-e979eb392093

A process and apparatus is presented for the improved selectivity of oxygenate conversion to olefins. The computer includes a display, a monitoring unit, and a browser. The content provider utilizes executable code, such as translation request code, for facilitating request routing utilizing popularity information.

1459828539-d3eeac06-a42a-4260-8bc0-cce7c43d8c67

A system for managing assets, and facilitating electronic commerce respecting the assets includes a computerized database for storing asset profiles for a plurality

of assets. The optical and electro-optic components of the camera module are hermetically sealed within a first housing. The status of each job is analyzed to associate a top-level category with each job and a status sub-category with each job. Each scattered sample includes two-dimensional information corresponding with the power detected at a specific coordinate.

1459828540-24e0ff75-e79d-433f-9005-05f9d2b8cd96

The present disclosure includes various method, device, system, and module embodiments for memory cycle voltage adjustment. The rechargeable battery pack may include a plurality of unit cells for forming a rechargeable battery by providing an electrode assembly to a pouch, a protection circuit module electrically connected to the unit cells, and a connector connected to the protection circuit module. The device then selectively powers down components in the device when the device has ceased communication for the first period of time. The driver includes first sourcing and sinking current limiters and second sourcing and sinking current limiters for limiting the currents in the first and second conductors.

1459828540-287933f6-6808-41c7-b075-a7a7d9cb1705

A drive system for driving large capacity motors includes a motor and a variable frequency drive which accepts input from a three-phase power source. The conversion circuit is able to troubleshoot the communication signals between the indoor unit and outdoor unit of an air-conditioner. Each C3 code contains a plurality of P codes and Q codes. A second confidence value is determined for the second recognition result. A first inverter stage is coupled to a common gate of the first transistor stack. The security arrangements prevent an unauthorized or suspicious USB device from communicating with the host system, detect suspicious activity originating from a device which is already communicating with the host system and may provide notification to a user.

1459828540-64b7578b-81af-4573-97d6-65a78fcac598

A controlled release pharmaceutical dosage form for bacteriophage is presented. A palm touch can be determined as the touch on the touch surface that has a radius exceeding a predetermined palm touch radius. An electronic component can be supported by the support. The frame is a molded frame of resin having lighter specific gravity than a specific gravity of steel. The system may also personalize item detail pages with information regarding any orders placed for the corresponding items and/or similar items. The new link is stored for future use by the user or by other users.

1459828540-724b9ca1-d711-47a6-a718-365011fa09b3

According to this invention, in order to efficiently output images, when an image and its attribute are selected, and an extraction output instruction of an image region with the selected attribute is issued, the selected image is segmented into image regions with different attributes, and an image region with the selected attribute is extracted and displayed from the segmented image regions. The recording medium stores information representing use or non-use of linear replacement defect management in which a defective area on the recording medium is replaced with the spare area, in order to record real time data. , providing service content to a terminal from a visited service provider. The disclosed details enable various refinements and modifications according to system design and tradeoff considerations. The differential amplifier, the hybrid load circuitry and the voltage regulator circuitry may each be disposed in the high-temperature environment of the turbine engine.

1459828541-98fa85e1-3d0e-4d2a-8e3f-be3a1abc3cc1

A method for cleaning residues from a semiconductor substrate during a nickel platinum silicidation process is disclosed, including a multi-step residue cleaning, including exposing the substrate to an aqua regia solution, followed by an exposure to a solution having hydrochloric acid and hydrogen peroxide. Doorbell

systems can comprise a temperature sensor coupled to the doorbell and a heating element coupled to the doorbell. Binding of the antibody to the nucleosomes is indicative that the individual has the disease condition.

1459828541-f408ee1e-0dfb-40ff-9683-2760d9099967

A memory includes first memory configured to store first data indicating relationships between logical addresses and respective physical addresses, wherein the physical addresses are arranged in a plurality of different groups, respective statuses of each of the plurality of different groups, and an activity log indicating when any of the respective statuses has changed. Indirect lighting is provided for illuminating the planter box with up-lighting and the supporting surface for the planter box with down-lighting. The one-dimensional linear batwing lens beam shapes light emitted by at least two light sources of the plurality of light sources. The gearing arrangement also includes a plate member positioned radially adjacent to the shaft. The inflation rate counter is reset at every garbage collection cycle.

1459828541-fb9286c4-5cc9-4a19-828d-b365bd7b1e56

A printing system includes a head, a carry unit, a memory, and a controller. A set of information bits corresponding to a message is encoded and interleaved to produce the mother code. In accordance with a preferred embodiment of the present invention, such a system extends relational databases with the ability to answer semantic queries that are represented in SPARQL, an emerging Semantic Web query language.

1459828542-2ae32fd8-ab6e-437a-8593-9577a258103b

A multisided card having at least two obverse faces and two reverse faces that are adjacent one another, can be used to print and store relatively insecure information of the obverse faces and to have more sensitive information stored and printed on the adjacent reverse faces. A control module chooses the at least one separate video layer stream based on the device parameter. Furthermore, reflectional angle of each mirror can be adjusted according to the requirement for design, so as to obtain the longest optical path.

1459828542-82d7e74f-24b4-4904-9395-78ceb0760d99

A rotary-type bag transfer device including a plurality of pairs of left and right grippers provided around an intermittently rotating table. A rule set is determined for a training set of data comprising a set of features having associated costs. An exterior couch may face opposite the interior couch and also utilize the lower mattress as a seat cushion. to the customer service representative and the user's personal contact list made available to the.

1459828542-a63f1940-ce96-4dfd-a949-368e6e8e79b9

Power management in a virtual machine environment that includes at least one virtual machine platform providing a plurality of virtual machines, and a plurality of separate computers, each connected to a respective one of the virtual machines in a typical virtual machine distribution environment. A first connector 2 is equipped with an energized slider 4. Event data may then be used to create or update image acquisition tasks and/or task priorities which are automatically provided to a scheduling system to facilitate timely and responsive acquisition of overhead images of the geographic location of the event.

1459828542-e0405f28-4741-4052-8695-2a28d1681cc3

Methods and apparatus are presented for performing coarse frequency tuning in a voltage controlled oscillator. In the management procedure, a reporting station receives a event request frame including one or more event request elements each of which comprises an event type field for specifying the event type of an event request and an event response limit field for specifying the number of requested event report elements. The conductive and dielectric layers of the ATF stack are

patterned into wire networks and bond pads. The method includes enclosing the ladle for example, with a lid and maintaining said refractory body in said ladle until substantially termination of the discharge of the molten metal from the vessel. The torque requested for a predetermined operative condition is obtained through a selection of the volume of the compression chamber combined with a selection of the time of opening and the time of closure of the inlet valves combined with a selection of the frequency with which power strokes are performed. A memory plane comprises programmable resistance memory material electrically coupled to respective second terminals of the field effect transistors, and conductive material on the programmable resistance memory material and coupled to a common voltage.

1459828543-4aa78493-09c9-43e2-b374-33a0e250badf

A transceiver system is described. The device is comprised of modules linked together to create a track upon which a mired vehicle drives over. The system may alert security personnel as to warrants or other information discovered pertaining to the recognized vehicle or individual resulting from a database search. Steel cables include ends mounted to the pulleys and lower ends mounted to lateral tabs of the lower grill grid.

1459828543-4cb22c8c-40d8-4f0f-a1d5-cded1605076b

A multipurpose site guard for use at all peripheral and central venipuncture infusion sites, sensitive areas, and for pediatric and adult patients. An embodiment comprises forming a dielectric layer on a substrate, wherein the layer comprises a pore generating material dispersed in an uncured matrix. A screen basket is positioned generally concentrically around the rotor.

1459828543-527eafe6-c3e5-4ed7-a11c-e3e6df39f3ad

A front connecting device of a concealed slide includes a metal base, an elastic fastener, a level adjusting member and a vertical adjusting member. The gear includes a rotating shaft having a hollow portion. A method of open loop fuel control is also provided.

1459828543-c620b672-171a-4ee8-b1ff-c5dbbd129778f

An application virtualization system enables server applications, such as web applications to be easily deployable, separates an application and its state from the system, and allows applications to be easily moved to another server. As a result, the concentration of the generated ozone gas is high and stable, and a high concentration can be maintained. When the advertisement is displayed, the correct updated information is retrieved from the EPG database and inserted into the advertisement.

1459828543-cc2c0743-dd72-4a27-a99b-5d5c6a9d9972

A virtual skeleton includes a plurality of joints and provides a machine readable representation of a human target observed with a three-dimensional depth camera. The window assembly includes a substrate being adjacent to a coating. The host system, after authenticating a user is configured to retrieve the user's account information from a user database system and translate a user account number into a temporary transaction number. The photo-electronic converting element receives the light emitted by the light source and which is reflected by the image surface of the original. The invention also relates to a method of self-alignment of a fiber pigtail and a method of attachment of a fiber pigtail to a surrogate chip.

1459828544-404ce478-0219-4c4a-9193-ed06fb8c418

Unique methods and apparatus are provided for rapidly identifying microscopic particles, such as protozoa and other microbes suspended in a fluid or gas. The device further includes a connection device electrically interconnecting the second and third contacts, and capable of being moved in translation together with the second contact; and a displacement mechanism connected to the connection device and

to the rod for displacing them so as to separate the second and fourth contacts from the first and third contacts, respectively. The sawing controller includes a handle.

1459828544-7e1b08db-569a-4311-b29a-e317db59216b

A testability analysis system analyzes testability by evaluating controllability and observability at the level of a hardware functional description independent of architecture. In a preferred aspect, cathepsin S is selectively inhibited in the presence of at least one other cathepsin isozyme. Thus, it is possible to subsequently adjust the cutout limit safely and easily via a key on a handset, so that the cutout limit may be adapted to the actual application into which the actuator system is to be incorporated. Finally, particles are removed by uniform water film flowing downward along the collection electrodes. In this way, the subscriber, rather than reacting to invasive information or identity theft, may proactively control access to such information, thereby preventing the theft in the first place.

1459828544-8c7a617a-3d70-4684-9a04-c1c157dac890

The present invention's nozzle is especially suitable for use in a shipboard air-discharge maneuverability device known as a \u201cbow thruster. The disclosure further provides a notification system for an Emergency Area ID. Alternatively, the hydrogels may be mechanically disrupted and used in implantable articles, such as breast implants. The lower buffer reservoir has a panel portion 1b which is bent upward to penetrate the cooling reservoir.

1459828544-c6c85a6a-f8b9-41ee-afd1-446aab4d21a3

The present invention relates to an interlabial pad which is attached between female labia, especially to the pad which can be used together with the sanitary napkin, which has a good sealing efficiency with the labia deepest portion when the user moves and can prevent the chance that the leak of the menstrual blood or the dropping off of the pad is occurred. A glass substrate with protective glass, which comprises a glass substrate and a protective glass plate laminated on each other, and which is characterized in that the glass substrate and the protective glass plate are laminated by a double-sided removal resin sheet. Each action can be performed multiple times before disposal. While the table is displayed, a user input that indicates the empty row and is configured to trigger the new row to be added to the table is received. The congestion control is effected by employing the enhanced signaling channels, which can carry audible signals, to determine whether to set up requested calls, based on a preselected congestion control process. In the inventive filling machine a recess is arranged in an upper surface of the volume such that the valve body is at least partly insertable in the recess in the rest position.

1459828545-0f52fa13-cc8c-410f-879c-48bc17d7cefc

A method for testing integrated circuit devices and loading such devices into a test board for further testing and an apparatus therefor is disclosed. In particular, front access for mounting a selected nozzle only requires adjustment of one lever and one fastener. The portion of the received video data with the first format may comprise RGB format, while the remaining portion of the received video data with the second format comprises YUV format.

1459828545-205aab67-f3cf-44e9-91de-dc84b68ac0d3

The invention relates to novel methods and compositions for the detection of analytes using the nuclear reorganization energy, \u03bb, of an electron transfer process. Thus, by bringing the front side of the contra-rotating front seal unit ) into a wet state by the lubricant oil, it is possible to reduce heat generation and it is possible to extend the life of the contra-rotating front seal unit. Receiving includes receiving, at the server, an incoming text-based message and an origin identifier indicating the message has been received by the proxy mobile phone via

the wireless telephonic network and forwarded by the proxy mobile phone to the server via the global communication network. The filter is configured to allow a greater flux of electrolyte than that associated with the junction member. Prior to transmission, a transmission power for each of the sub-carriers is adjusted based on the channel conditions. These approaches facilitate intelligent control of a processor's clock frequency and/or a fan's speed so as to provide thermal and/or power management for the computing device.

1459828545-4c6ca1b8-6c19-4acf-a171-ba0b86971118

An air belt device includes a first cover member and a second cover member connect to each other defining an interior surface having an interior cavity. The flash memory cell array includes a plurality of blocks. When a user enters a request to utilize the data, the individual fragments are stored upon receipt at the user's premises, and reassembled into a contiguous stream.

1459828545-b92158cd-0477-439c-b90e-fb071039d346

A cosmetic skin lightening product delivered from a dual-chamber package is provided wherein separate first and second compositions are filled into the respective compartments. The system and method provide a plurality of LEDs and corresponding specifications. At least one independent partial chamber is provided for the transport of the partial flow in addition to the main chambers. The frame is connected to the coupling structure and can vibrate in two degrees of freedom in orthogonal directions  $O_x$  and  $O_y$  in the plane of the wafer.

1459828545-d1163ea3-4ff7-4196-9674-dd5c935461f2

A structural electric tandem axle module for propelling a vehicle such as a large vocational vehicle without applying torque to the chassis frame of the vehicle as the module operates. The aggregate bins configured to hold an aggregate material. Filtration cassettes of the present invention can be manufactured from conventional membrane and flow screen components and can utilize both injection molding and vacuum assisted resin transfer molding fabrication processes. A digital flat-panel x-ray imager permits fluoroscopic x-ray device to be used in any orientation without being affected by distortions due to local magnetic fields. The fuel injector is positioned to inject fuel tangentially to the cylinder.

1459828546-1a3f4574-a0d7-4e2d-89ac-7b2c4e65a2ed

A combination of a bright and dark display pattern and a polarity pattern is used to drive a liquid crystal display device. The electro-magnetic switch is connected to each of interactive sockets to form a control circuit. The first end portion and the second end portion each include a side including an adhesive layer. In a preferred embodiment, the method includes cutting the substrate to form a sensor having a connector portion and a transcutaneous portion, the two portions having edges that define one continuous straight line.

1459828546-632af686-c778-433f-86e1-5c312a358485

A method for producing a substantially desulfurized a hydrocarbon fuel stream at temperatures less than 100°C. At a switch device, a packet is received from a server that is interfaced with a switch device and is configured to host a virtual machine that is a source of the packet. A magnetic linkage is therefore disposed between the cable and a pulling rope or cable and is adapted to break when a force appropriate to the particular installation scenario is applied. The gun ports can be configured as exchangeable cartridges or subassemblies that can readily replace regular non-expandable apertures otherwise used for defense against real ballistic weapons and explosives.

1459828546-93195909-932e-4b53-99dc-c58d4838d211

Flexible nanocrystalline cellulose films include a polymer while retaining the property of tunable color. An end user is enabled to select a video in the result page and activate streaming of a video summary within the context of the associated



result page. The supporting frame includes a plurality of differently positioned slots to position the handle so as to accommodate different sizes of shellfish. This permits the motor to be started always in the same rotation direction, and thus helps prevent reverse rotation of the motor. The adjustment circuit provides at the threshold adjusted output node an inverted signal corresponding to the high voltage input signal. A method of fabricating the convertible candle lamp is described.

1459828546-a008f9e2-b2ba-49ee-ac18-a6971e4ffaf7

A light source using electroluminescence layers of which width and thickness are adjusted so that emission luminance does not depend on the position on the layer. A second support having a second adhesive layer is fixed to the electronic component in order to interpose the electronic component between the first support and the second support. A supporting member is mounted on one side of the bearing member. The filling layer has a projection that extends outside the trench as far as the drain region and is electrically connected thereto. A probe carrying electrodes is introduced through this passageway and deploys, under the influence of its own resilience, to a structure incorporating a loop which is automatically aligned with the axis of the expandable ablation device, so that minimal manipulation is required to place the sensor probe. Since a DLC having low friction coefficient can be formed, the centerline average roughness can be reduced to 30 nm or even less.

1459828547-45913ec2-b00e-48ba-b79f-9cd204105629

A computerized system and method for inspecting and measuring a ball-shaped wire bond formed by an automated bonder pre-programmed to attach a connecting bond onto a bond pad of an integrated circuit by first obtaining a first image of said bond pad before bond attachment, then determining the coordinates of the center of said pad. The case is formed with an inner space in which a rolling member is provided in a freely movable manner by the pulling force of gravity. The book is gripped by a book holder proximate the spine of the book and the book holder is vertically positioned such the shear blade will shear the book in a predetermined position along this first edge of the book. Moreover, the method may include generating a business object template utilizing the business object shell, meta-data, and hooks for calling generic business logic, and modifying the hooks to insert the generic business logic.

1459828547-8981fffb2-d58a-4cdf-a156-9245883a3d14

The present invention relates to a liquid synfuel additive composition which is used as an additive to coal fines to enhance the complete combustion of the coal after turning it into a synthetic fuel. The casing assembly includes a first casing member and a second casing member. This new variety is having high production of long stems with a long vase life, vigorous, upright growth, and good tolerance to powdery mildew. Selected bores are counter-drilled at the RF signaling layer and filled with insulating plugs, which prevent shorting of the RF signal trace layer to ground, during solder reflow connection of leads of circuit components to the RF signaling layer.

1459828547-8b94c541-9fe1-4d0d-a53a-5d30530e3551

The present invention provides a diffusely-reflecting polarizer having a first polymer which is amorphous and having a birefringence of less than about 0. A dielectric mirror which is selective in wavelength is provided between organic EL elements, and the number of times especially blue light emission from an organic EL element is transmitted through an electrode having a light-transmitting property is reduced as much as possible, so that attenuation of light is suppressed. The row decoder includes latch circuits and a drive circuit. The composite material with the matrix material and inclusions allows the composite material to be acoustically dissipating with a stiffness in which the energy of forces associated with undersea platforms is resisted.

1459828547-9d2b792f-a086-4433-bfdf-43c704029a0c

A portable electric can crusher is disclosed that crushes cans, at the point of collection. The epitaxial layer includes at least four regions arranged vertically and defining respective interfaces, where each of the regions is characterized by a respective impurity concentration, where the impurity concentrations vary across each of the interfaces, and where each of the impurity concentrations exceeds  $1 \times 10^{17}$  cm<sup>-3</sup> for at least one single impurity in all of the regions. The back housing comprises a one or more side walls wherein a portion of at least one of the sides wall is operable as an extension of the fan scroll.

1459828547-aa3a6188-090e-4a56-b7f3-03ca74189383

A DCDC converter includes an inverter and a primary-side circuit with a transformer whose secondary-side voltage is rectified by at least one rectifier for generating an output DC voltage. The inner and outer jackets each including channels formed on an inner surface. One method calls for providing a feedstock powder including boron nitride agglomerates, and heat treating the feedstock powder to form a heat treated boron nitride agglomerated powder. The pawl defines a plurality of teeth facing the gear, and the pawl teeth define a second arc having a second radius larger than the first radius.

1459828548-4799146f-4d7c-4311-a61e-649483665dcd

Processes for preparation of a protein-polymer composite material are provided according to embodiments of the present invention which include providing an admixture of a polymer resin, a surfactant and a non-aqueous organic solvent. The electric charge counting fuel gauge can display an amount of fuel used in a power source and the amount of fuel remaining in a fuel supply. A stent can be proximally and co-axially slid over the distal end of the catheter shaft and constrained by a retractable sheath disposed co-axially about the compressed stent. This is accomplished in a reliable and low-cost approach that employs standard device fabrication techniques.

1459828548-588d0218-edca-4337-b66a-a15ec34a96de

A distortion compensation apparatus compensates for non-linear distortion of a power amplifier. A posterior probability indicating the reusability of each version of the existing software component is calculated for each specification of a device to be developed, on the basis of the likelihood and the prior probability. The silicon layer further comprises a first well of a first type and a second well of a second type. The ion deflecting device may include a pair of curved, parallel ion deflecting electrodes, which are in addition to curved electrodes utilized for applying an RF ion guiding field. Moreover, a marked unit is disposed where said inner tube and outer tube are joined, thereby allowing the invention to have a structurally simple handle that can be aligned effectively, which in turn allows users to grasp the precision in the movement between said inner tube and outer tube.

1459828548-95c6842c-ed52-44f4-b879-f643139d51b3

A radiometric calibration system finds an inverse response function of a camera from a single digital image of a scene in which the actual colors of the scene are not known a priori. The corrected intensity values enable more accurate isotopic analysis to be conducted and render such techniques applicable to low level emission cases. The fine pattern has a critical dimension that overcomes the resolution limit of an exposure equipment. The data flow characteristic may then be transmitted to a network element along the data path between the routing gateway and the service provider equipment. The second communication apparatus demodulates composite waves of desired waves and unnecessary waves received by the reception antennas by envelope detection or square-law detection and carries out correction operation for the demodulation signals based on transmission characteristics of transmission spaces between the transmission and reception antennas to acquire

transmission subject signals.

1459828549-325bf9ce-bd77-4cb6-aaa1-832a0370c1ef

A work machine for removing asphalt from a roadway is disclosed. The retaining elements provide the actuator with a desired pretension. The frame has legs that extend from a position, which is located opposite to the device to be mounted, toward an installation surface of the body casing. If it is in the UART format, the select circuit outputs a message to the UART circuit.

1459828549-5a4bd4ab-b42f-4eaa-8716-6a766ac1ef17

The present invention provides methods of monitoring the injection of a fluid into a subterranean formation. Additionally, the first key portion of the split encryption key is retained by the server, while the second key portion of the split encryption key is delivered to a sending client and is discarded from the server. Also, since the contact temperature can be lowered, simplification of apparatus and energy saving may be attained. The invention enables automatic detection and selection of an optimal network storage virtualization protocol on a per resource basis, which is a unique capability and something that has not been accomplished in the prior art. Such a filter overcomes the insertion loss and power handling limitations of conventional band pass configurations and as such can be used in power amplifier and duplexer applications.

1459828549-ad524d8b-5c3a-4019-a2c3-c85ade86fff5

An optical device including a whispering gallery mode optical resonator configured to support one or more whispering gallery modes; and a photodetector optically coupled to an exterior surface of the optical resonator to receive evanescent light from the optical resonator to detect light inside the optical resonator. The front chaffer has a closed upstream portion and an open downstream portion. Each probe tank is labeled with the bar-code. When the mobile station comes within range of a cordless cellular base station, it deregisters automatically from the cellular network and register with the cordless cellular base station.

1459828549-f7cdeade-9a8b-4b70-a153-fd7b81b0b15e

A range-conversion method and system includes receiving data records. The assemblies are adapted to create compound curves such that respective portions of the distal region have distinct curvatures. The honeycomb cells of the pad are aligned perpendicular to the horse's back and flex with movement to reduce shear forces against the horse's skin.

1459828550-7deb1305-a41d-4719-9c7f-b7c02a6ef38c

A localized and distributive optical switching control system is separated into three localized systems: a sensor system, a processor system, and a position driver system. The lure consists of a body made of flexible material with two tails of a general semi-circular or sickle shape, integrally molded to the body and made of the same material. The invention also relates to the device for implementing the process and to its applications. The recombinant protein is also purified from the recombinant host cells. As the acknowledgment packet is sent by the router, and not the destination packet is sent by the router, and not the destination host, this system allows acknowledgment packets to be received on a shorter timescale, reducing the effects of a link delay.

1459828550-c0743490-cddb-4235-ad0d-2f78cfbf7929

A reception device receives and demodulates, for each subchannel, data transmitted independently via three subchannels, which are a subchannel of interest and the two upper and lower adjacent subchannels which interfere with the subchannel of interest. The assembly includes a support arm body securable at an end to the frame. The end face of the support pin includes a pole of the cavity and has a peripheral edge which intersects a parallel of latitude at 10 degrees from the pole. A gateway processor processes the financial transaction authorization

requests and couples to a financial network interface configured to couple to at least one financial network.

1459828550-ee0f6613-7d71-452f-a051-cded32e29ca6

A method for resizing an image is disclosed. Under very high temperatures the material is designed to undergo pyrolysis and transform into a strong ceramic material. For example, good or poor behaviors could include: condescending, whining, nagging, weak, strong, refined, kind, dull, energetic, interesting, boring, engaging, manipulative, likeable, not likeable, sincere, artificial, soothing, abrasive, pleasing, aggravating, inspiring, unexciting, opaque, clear, etc. The second magnetic core member is generally planar for joining with the first, second, and third surfaces of the first magnetic core member. The sensory modifiers comprise polysaccharide carbohydrate having at least about 75% by weight amylopectin and the polysaccharide carbohydrate has been treated and swollen with a substantially anhydrous solvent.

1459828551-5da52f4b-96d6-41af-bab8-35677346e5f9

A lamp house storing a plurality of flash lamps and a chamber storing and holding a semiconductor wafer are fitted to each other in an openable/closable manner. The interface can include multiplexers coupled to the data alignment modules, wherein a data alignment module has outputs coupled to a first multiplexer. The dimple-like recesses are provided in a first region including a tire maximum width position of the sidewall surface of the tire. This invention is also a process that that sulfonates phenyl-alkanes having lightly branched aliphatic alkyl groups that to produce modified alkylbenzene sulfonates. A bit receiving housing is at the other end of the holder having a bit receiving channel to engage the drill bits. The user may instruct the diagram generation manager to add or remove detail from the interaction diagram by adjusting breakpoint attributes and/or adding/deleting breakpoints.

1459828551-6c21945f-478a-404c-9276-3529b9dc972b

A read retry of an MSR medium is executed while changing a setting of a reproducing magnetic field. These devices may have particular utility in providing support to the urethra. Fuel rod aggregates are housed inside the square pipes and in a cells formed between the square pipes. The second data is enqueued for output, and output as an output document at the highest output speed of the print controller. A higher current generated indicates less conductive material at the scan target that may mean a void, dishing, or erosion is present.

1459828551-83468f25-6cd5-48b9-9686-759242abf737

A video apparatus consistent with certain embodiments has a receiver that receives a data stream containing video data and video overlay data, wherein the video data includes a censored region having boundaries. A remote representation of a property value is compared to a local representation associated with the same property value. If the comparison indicates that a difference between the target digital value and the current digital value is greater than an allowable threshold, a trim setting used to trim the internally generated voltage is adjusted based on the difference. The module includes a switch mechanism having a spring biasing member arranged to bias the switch mechanism to an open position.

1459828551-f56c8cfd-da58-4698-8a69-b67fa5ef4f4f

A method for forming a strained layer of semiconductor material, e. An input section collects various sounds generated at the target place. Additionally, the image recording device includes a sheet feeder disposed between the recording unit and the tray.

1459828552-0cf4a0ae-3e7f-4e9d-aae2-6a7fc6c87843

Allocate power so as to maximise the throughput of each user of a multi-user MIMO group, with the constraint that over time all users in the group have equal

throughput. The main feature of the invention is that the reinforcing plies of the hose, which are partially or entirely bonded with rubber, are embedded in the adhesive resin layer in the coupling device assembled to the vulcanized hose. Such a reflex tube can also include one or more connections.

1459828552-7f238599-a205-486d-b221-be638021d093

A single chip multiple range pressure transducer device including a wafer having a plurality of simultaneously formed thinned regions. Subsequently a sawing operation divides the lead lands into multiple leads, and the leadframe and resin material are partitioned to form packages. Then, a dividing operation is performed on the frequency-domain initial target impulse response and the modified CIR to determine an initial value of the frequency-domain TEQ impulse response. The body portions are flat so that a direction of extension of the flat shape is along a rotational axis direction, and the magnetic member has a U shape as viewed from the rotational axis direction.

1459828552-92202ecc-d648-4440-9035-5ad855d972bc

A gateway exchange node according to a first embodiment of the present invention is disclosed. An embodiment of the detent mechanism includes a detent member having radially directed slots, and a detent pin movable in a generally radial direction relative to the slots. A cleaning member extends into the cob cleaner aperture and is adapted to engage the ear of corn inserted into the cob cleaner aperture.

1459828552-9e66ad1f-e4de-46c5-b324-06422c42dfa7

The control device is a device which can be connected to an external device that transmits data, comprising a computer program which analyzes data received from the abovementioned external device using data format information related to the format of the data, wherein the abovementioned data format information is stored in a separate location from said computer program. The actinic energy ray-curable resin mentioned above can be produced by causing the reaction of a polyfunctional oxetane compound with an unsaturated monocarboxylic acid and the subsequent reaction of a polybasic acid anhydride with a primary hydroxyl group of the resultant modified oxetane resin. If the next cache access is taken from the same cache way as the previous cache access, the control circuit signals all the cache ways, except the cache way that was previously accessed, to not access information from their arrays. An environmental change in an environment within or adjacent to the client system is detected, resulting in executing a procedure for deciding whether to switch from playing the first media stream to playing a second media stream differing from the first media stream. The gasket also includes at least one self-locating arm in a sealing contact within the recess and extending from one of the first or second sides of the anchor portion of the first section.

1459828552-cc83402c-1a3e-45bd-a364-acdf4df55088

A pipe joint unit includes a first pipe member with a male joint, a second pipe member with a female joint, and a pipe joint member coupling the first pipe member and the second pipe member. The acquisition technique facilitates receipt of the state vector components in any chronological order. Then, an amorphous silicon layer is formed on the metal layer by a physical vapor deposition process. When the switching device is turned off, a discharging current outputted from the power supply unit supplies power to the lighting unit.

1459828553-7142051e-3a24-45b0-9944-9fe3bae16f2e

During a period after starting exposure to a plurality of shot areas subject to exposure on a wafer until completing the exposure, a light via a slit pair arranged on a stage that holds the wafer, of illumination light via a pattern generating device, is received, and information on a positional relation between an illumination light and the stage is detected. The system operates from a network-connected computer node running a software application. The first N-channel MISFET has a source connected to the first input, a gate receiving a power supply

potential, and a drain connected to the first output.

1459828553-9e972119-f4c1-4395-a9ee-a1756d08b080

A compensating element for supporting a fuel injector in a cylinder head of an internal combustion engine has an annular design and is situated between a valve housing of the fuel injector and a wall of a receiving bore of the cylinder head. The cross-section is perpendicular to the longitudinal axis of the fuselage. A formulation, for treatment of a bacterial infection, comprises bacteriophage, liquid carrier and adhesive, which dries so that the adhesive adheres the bacteriophage to a surface, one such formulation comprising liquid carrier: 85%-99. The objective lens is a refractive index distributed lens in which a refractive index is high in a vicinity of an optical axis and reduces as a distance from the optical axis increases. Therefore, the voltage between any two terminals of any of the transistors in the IO buffer does not exceed the normal supply voltage so that the IO buffer of the invention can transmit and receive signals with a voltage swing twice as high as the normal power supply voltage using normal supply voltage devices and without gate-oxide reliability problems.

1459828553-b4ca1b98-f61b-47a5-9c35-4c8c81ba623a

Given a set of two images with visual dynamic range, wherein the second image is an approximation of the first image, a standard dynamic range equivalent peak value is computed, wherein the EPV is smaller than the maximum pixel value of the first VDR image. Tiles of image data are borrowed from the proximity of the destination region or some other source to generate new image data to fill in the region. The probes may be directed toward different applications, that is, voltage probes or current probes, for example, and may include preamplifiers that adjust the range of input signals. The treated amine includes an aliphatic or aromatic amine containing at least one primary or secondary amino group reacted with an aliphatic or aromatic nitrile and hydrogen.

1459828553-bb7afd54-1fc3-4104-978b-3c5b0fddee33

A mounting device for a heat sink includes a basis and a pair of operating bodies. The partitioning plate includes a partitioning body having a plurality of through-holes and a control plate disposed on the plasma generating space side of the partitioning body and having radical passage holes in the positions corresponding to the plurality of through-holes on the partitioning plate. The under-bump-metallurgy layer comprises an adhesion layer, a barrier layer and a wettable layer. The compressible seal member is molded around a portion of the frame construction. Measurements are communicated to a central measurement controller, for example located at the headend, which collects measurements from a plurality of cable modems and the upstream measurement system. In another embodiment the support is hinged in the middle and folds together like a bi-fold door to open.

1459828554-38f1fb43-9c35-48b8-8d90-877710d252b6

The present disclosure uses a nano-SiO<sub>2</sub> powder as a supporter with H<sub>2</sub>PtCl<sub>6</sub> added as an electro-catalyst precursor. The memory device driving circuit may include a main driver connected to the memory device, to drive the memory device, and a secondary driver connected between the memory device and the main driver, to control a set resistance of the memory device. According to the above apparatus, it is possible to keep the light of a screen uniform.

1459828554-663a1928-d62b-4861-986b-f5fb926a08fc

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for object detection are disclosed. A second support member of one example is at least partially received over the first support member. A main valve body opens and closes the passage in accordance with the electromagnetic force generated by the electromagnetic actuator. According to one aspect of the invention, the data is transferred from the external device to the volatile system memory and then from the volatile system memory to the Flash memory, allowing

additional verification steps to help insure that the data is transferred intact. The dewaxing catalysts include a zeolite with a low silica to alumina ratio combined with a low surface binder, or alternatively the formulated catalyst has a high ratio of zeolite surface area to external surface area. The level converter circuit outputs a third voltage higher than the second voltage when the input terminal is supplied with the first voltage, and the level converter circuit outputs the second voltage when the input terminal is supplied with the second voltage.

1459828554-98ffd867-77d4-4871-8e8a-a1ff447a76fb

Position dependent operation of a materials handling vehicle, comprises utilizing a processor on the materials handling vehicle to communicate across a wireless computing environment to a corresponding server computer via a transceiver on the materials handling vehicle. Hence, hydrogen is attracted from the oxide semiconductor and trapped in a region of an insulating film which overlaps with a source region and a drain region of the oxide semiconductor. Before the signals are transmitted an analysis is made to choose which one of a set of predetermined polarity reversal combinations is advantageous to encode the data bits. The device profiler traverses a vulnerability tree having nodes representative of characteristics of the hosts, each node having an associated set of potential vulnerabilities. The controller is further configured to scale the frequency of the bus interconnect clock signal if the bandwidth of the master port and/or the slave port meets respective bandwidth condition, and/or if the latency of the master port meets a respective latency condition for the master port. Finally, for each pixel within the selected subset, if the least significant bits are greater than the corresponding value in the lookup table, then the most significant bits are incremented.

1459828554-a2c04590-89da-401c-8fd8-873c2f43295e

Method, apparatus, and computer program product embodiments are disclosed for independent wireless resource sharing on a fair basis to enable selecting the most suitable coexistence between wireless networks. The electrical motor drive comprises a rotor with a permanent magnet, a stator with a magnetic circuit and one or more coils, and a position sensor comprising at least one magnetic field detector positioned in the proximity of the rotor permanent magnet and configured to detect both rotational and axial movement of the rotor. Systems and techniques may include generating a session key, encrypting data using the session key, and encrypting the session key using the public keys of at least two users. The logic element enables to configure a plurality of hardware modules, which can perform processings equivalent to those performed by the plurality of software module, using a dynamic reconfiguration.

1459828555-0ccbc0e5-2bc7-4cd3-85d2-c094d8142ecb

To make the shape of parts simple, the transmission changeover well timed and reliable, and the size reduce, a transmission changeover mechanism in a disc apparatus includes a rotary control piece which is spring-biased to rotate in one direction, and has a transmission switching gear wheel fixed thereto. The feed can consist of silicon wafers arranged in quartz boats. The method includes executing the command if it is determined that the command refers to a current screen section being rendered. The applied reference signal includes a voltage value and position information. The distance between the optical switching element and the scanning signal light emitting element is less than the pixel pitch at which the plurality of pixels are arranged. Compositions including a quaternary ammonium heparin complex, a moisture curable polysiloxane, and an organic solvent are also disclosed, along with methods of making and using such compositions.

1459828555-561b2b04-c576-4560-b41a-b304fa12e6c6

An optical disk drive for optimizing laser power to be used at the time of recording operation. The front and rear edges are aligned, after having determined

the angular geometry of the ply edges by means of a suitable device, by independently moving at least one gripping sector of each of the front and rear areas. Front wheels 39 are supported on shafts attached to the opposite side surfaces of a front part of the step 33 and connected to the step chains 32, respectively. This enhanced microbial population may rapidly absorb and mineralize materials in the wastestream. The arrangement also includes an immersion media filling the volume of area between the exterior housing and the lens assembly housing. This is accomplished by providing a composite image format comprising an NM array of overlapping images, and allowing the user to sequentially capture the images in the array.

1459828556-43f8f00c-bf1c-4c7c-a606-92acb94d627d

An approach is provided for conducting transactions via an audio token base payment system. Accordingly, each device is configurable to support both the registrar as well as enrollee modes of operations. The blade has two elongated extensions running away from the handle. Within the lubricant tank, there are also pressing bodies. Accordingly, the breakdown voltage characteristic of the gate oxide film is improved.

1459828556-e5b1401a-2227-457d-9b13-0d0e45f2e660

A method of recording holographic information includes recording a hologram mark and a homogeneous mark in a holographic data storage medium with a volume to alternatively locate the hologram mark and the homogeneous mark. In one exemplary embodiment, the cosmetic and wound-healing formulation comprises live yeast cell extract, pigment, and a gel. A strain relief member is provide to increase the strength of the electrical transmission lines to enable them to withstand the tensile forces caused by either flushing and/or pull-back operations. The neighboring cell uses a different communication means than the first network element. Based upon this beta angle error curve, the processor generates an appropriate error correction signal for guiding an object based upon the relative direction of the received radiation. The control circuit includes a velocity sensor for coupling with the motor for providing a velocity feedback signal responsive to the velocity of the motor, and circuitry for providing a feedback signal responsive to a voltage associated with the motor, such as the back emf of a coil associated with the motor.

1459828556-eef700f1-c854-4ba7-8791-e3dc0fd2e34d

The claims encompass hard surface cleaner and hard surface treatment compositions containing particular ampholytic polymers which impart not only good residual cleaning properties but in particular give fast drying properties to the cleaning compositions. Therefore, when the temperature and pressure rise with a first combustion started by spark-ignition around a spark plug to the fuel injected from a second injector into the combustion chamber, the timing of starting a second compressive hypergolic ignition is optimized to provide a stable combustion state free of knocking and misfire. The new variety is a Salvia, normally produced as an outdoor garden or container plant. Observations of a GNSS signal from each of a plurality of GNSS satellites are obtained.

1459828557-078c6b8e-a3d2-44d5-a1e9-c9eb00412458

An adapter for switching liquid patch device and air pump includes a body which has an air intake path, an air outgoing path, a liquid outgoing path and a tire connection path. The optical member includes a lenticular lens member having a plurality of convex lenses and a light-reflecting layer disposed on the back surface of the lenticular lens member. Each feeder link and mobile link beam comprises a plurality of feeder subbands and mobile subbands grouped to form feeder link channels and mobile link channels. Each of the plurality of power supplies are coupled to one of the plurality of sources. Various passages or channels can be provided to facilitate communication between the bypass valve and the water supply lines. The second width is greater than the first width.



1459828557-3d35a086-c50f-4579-98a4-eb84dc298bf2

A method of computing global-to-local metrics for recognition. The rectifying element has a second conductivity type layer, a first high concentration second conductivity type region, a second high concentration second conductivity type region, an element isolation film, a first insulation layer, and a first conductive film. The resistance of the calibration transistor-resistor array is determined according to a digital code generated from the digital code generator.

1459828557-833ab0cc-9926-4837-a256-89d4beabb160

Chewable sustained release compositions and their methods of production are provided. The UIM 20 stores UIM identification information. The second guide track has a plurality of detents for receiving the guidance device so that the lever may take different positions, each of which controls a particular forward engine speed. The adaptor is worn by a jogger through the use of a waist belt.

1459828557-9b7ff20e-af81-4290-91c1-0b23514c06ed

Compositions and methods of making compositions containing nopal cactus isolates derived from the juice and/or soluble solid fractions of nopal pads. A CMOS process with an epitaxial layer as bulk and p-type substrate is used to implement the circuit in this example. The pivot axis is here arranged running obliquely to the optical axis. The magnetic circuit and the frame are assembled in such a state.

1459828557-a81a2fab-12e4-4487-aa96-2e6b56dddd27

A system and method for routing audio for a vehicle mounted communication system includes activating a PTT button associated with a handheld or rear microphone and determining whether a short range wireless device is operationally coupled with the vehicle mounted communication device. The controller further includes an oscillator for generating the clock signal responsive to an oscillator control signal. Surfaces, disposed in the internal and circumferential grooves, orient the biasing element in order to effect sealing between the housing and the sleeve and an axial force to provide latching or locking between the seal and the piston. The material engages the simulated human tissue and moves relative to the scaffold to measure the coefficient of friction between the material and the simulated human tissue with the load cell. The system can be implemented in CMOSBiCMOS technology and is suited for low power applications.

1459828557-e97cf7bb-1b06-4d96-a94a-bfb94cab670f

A assembly for nasal irrigation for the handheld irrigation of a user's nasal cavity comprising a housing with a refill chamber containing irrigating fluid, an applicator, an actuator for forcing irrigating fluid from the refill chamber through the applicator into the user's nasal cavity during operation, and a solution port for refilling the refill chamber. The coplanar transmission structures are formed on respective first and second electrical elements that are secured on respective independently positioned and mechanically joined carrier and housing. Distances from the stereo image capture device to points in a captured image are stored in a stereo distance map and distances from the moving image capture device are determined from pairs of images captured by the moving image capture device and stored in a moving distance map. A temperature sensor may be positioned near the conductive button as a feedback mechanism to a control circuit. The ceramic substrate is formed by injection molding a ceramic material and binder to form a green substrate and subsequently sintering the green substrate to form the substrate. The optical disk apparatus includes a reading unit for reading the code block from the optical disk and an error correcting unit for combining first error correcting processing performed on the code block read by the reading unit with second error correcting processing performed by adding remove information to codes that cannot be corrected during at least the first error correcting processing.

1459828558-078f6626-eb77-44bd-bcdf-1a603b70fc20

Methods and apparatus for managing cash items are disclosed. Taking a port-A clock signal as the reference, the control circuit generates a select signal that selects a port A during the period from elapse of a first predetermined time from the reference timing until a second predetermined time has elapsed and selects a port B during other periods. A shank assembly is slidably disposed through the body. A comparator determines whether the relevant data has been changed by comparing it to an archived copy of the relevant data.

1459828558-4146c8be-87e7-4c10-90e4-d1f31f6593d6

A system for determining depth, height and other reference information with respect to features on a workpiece is disclosed. Deformable arms on the male component extend back from the lead edge of the body portion of the male component which is inserted into the female. Items may also be recommended to the users based on their collective preferences. If the number has been ported the switch processes the call in accordance with information linked to the number in the database so that stranded numbers can be assigned to stations without regard to the rate area in which the stations are located. Finally, a stripping process is performed to remove the patterned photoresist layer.

1459828558-82055df2-29a8-43e9-aca1-843d28a8d7fd

Disclosed is an electric power steering apparatus having an electronic control device for controlling motor current based on electric signals inputted from a torque sensor of an automobile and a motor for generating steering power. Sections are formed next, each comprising at least one scale factor band. Query completions are obtained for the query prefix. When the over-temperature condition occurs, a signal activates the PROCHOT#, or similar, pin on a microprocessor, throttling the microprocessor clock.

1459828559-392d6ad6-40c7-4341-818e-3319e6a984d7

In a sea cucumber cultivator, sea cucumber cultivation baskets are arranged in multiple layers within a housing to protect the sea cucumbers from the external environment, to enable mass production and easy management of sea cucumbers. A second set of rollers is mounted along axes which are arranged 90 degrees relative to the first set of rollers and underneath the drawer. A bracket is slidably mounted to the movable rail and is movable along a sliding direction between a retracted position and an extended position. The second gate layer extends over the drain of the transistor above the dielectric and gate oxide layers to form the gate extension.

1459828559-660824b2-f637-43ef-8024-7475e20e93ff

An arrangement of a flex circuit relay 7 is provided. The housing having an inner chamber for receiving the joint ball of a ball pin and an opening through which the ball pin extends, and a contact area on the outer surface area of the housing forms a seal with a bellows. Each arcuate element has a latching portion protruding therefrom.

1459828559-fea777b0-94e7-4047-b96d-514f4c294f84

A composition and methods of its use, the composition comprising: a halogen source, urea, and an additional halogen stabilizer excluding urea, optionally an alkali in a concentration sufficient to provide said composition with a pH of greater than 10; and optionally excluding a stabilized bromine compound from said composition is disclosed. The supply shaft supporting members support a supply shaft, and the take-up shaft supporting members support a take-up shaft. By frequently powering up and powering down the processor during a period of time, the power consumption of the processor may be controlled while providing the perception that the processor is continuously available. Each of the fluid lines has a flow control valve between the pressure source and each lifting member. The interconnect bonding sites are located on the leadframe relative to the bus bars such that shorting to the bus

bars by wire interconnects is eliminated.

1459828560-55ed3053-5b1b-4dbe-816e-14a5422c3d5f

A CADGIS system that automatically discovers hierarchical relationships between root facesparcels, smaller facesparcels, and other defined areas of land. When so positioned intra-orally, the device exerts pressure on an area of nasal vascularization of the human. Accordingly, one cell may be readily replaced by another, even late in the design process, without disturbing the placement of surrounding circuitry. The first end includes an outwardly extending flange, which is engageable with the first support to orient the body and the fan housing relative to the lower surface of the first support and to maintain a predetermined distance between the lower surface of the support and a lower surface of one of the fan housing and the hanger body.

1459828560-895f9fe3-0859-4ff6-bafa-44b76b5bed8a

Heteroaryl piperidine and -piperazine derivatives of the formula in which the symbols are each as defined in the description, and agrochemically active salts thereof, and use thereof for controlling phytopathogenic harmful fungi, and also processes for preparing compounds of the formula. The tactile pads are positioned or adapted to be positioned on the steering wheel or proximate to it, such that they can be touched by at least one hand of the vehicle driver while driving the vehicle. The chamber may have at least a chamber valve to establish or block the flow of the gaseous working fluid between the heating chamber and cylinder space. The expression is decomposed into sub-queries to prevent double counting of data in ambiguously defined situations.

1459828561-38ccfba8-3b83-480d-84ea-2db08a4e46c9

An animal toy includes a housing comprising a hollow air filled compartment and an outer wall substantially completely circumscribing the hollow compartment. The amplified downward signal is output to the terminal device side via the second filter, the first filter, and an output terminal. Because of the pressure from a writing implement at time of entering, the signature is copied to a sheet for verification. The shared document can be released from the exclusive state in response to an instruction of the user checking-out the shared document.

1459828561-572c4386-50c5-4dbc-a07b-8a18d297f2ae

A selective one-way wrench includes an annular head defining a first space, a second space communicated with the first space and an aperture communicated with the second space. Before a pivot cartridge is assembled into a disc drive, impedance readings of the pivot cartridge are taken, preferably, at more than one rotational position and across a frequency range. A lower portion of the adaptor mates with the upper portion in telescoping fashion to provide adjustability. A software update is initialized if the output states differ. Even if the input image includes a fold-over component on the high-frequency side or does not include an adequate high-frequency component, an enhanced image can be obtained without enhancing noise. When an impact force of landing is loaded to the bending deformation member 30, the lower plate portion 31 and/or the upper plate portion 32 displaces or deflects in such a manner as to rotate about the curved portion 33 with the compression deformation member 35 being compressed.

1459828562-87d8c188-3f96-4957-8b97-d74833d04ad7

Thermoplastic film, microporous film, and laminates thereof, are made at high speeds on the order of about 500 fpm to about 1200 fpm. The uploaded content may comprise an image file containing a photo of the first member and a caption associated with the photo image. The method is capable of providing more than 90% accuracy, and prevents needless dispatching of installation crews to a customer premise that is outside the effective RF coverage of the system.

1459828562-bff8da3f-0376-4b5b-8b45-a4cfa6006766

A pin for use in connecting graphite electrodes into a joint, where the pin has at least one male tang having a tang factor, defined as the ratio of male tang length to diameter of the electrode into which it is to be threaded, of at least about 0. The method includes generating symbolic expressions that are associated with scan cells within the scan chains. Upon identification, a portion of the sheath is steered to position at least one treatment needle at the determined location.

1459828563-0be24717-3229-4d9d-a740-5639f0204211

A digital protection and control device for a power distribution network, which comprises a computerized control unit comprising a microprocessor. The system is configured with a mapping of relevant vehicle identification assistance data or vehicle specific information to one or more selection locations in the user interface of a vehicle service software application. This is achieved by two method steps in that, in a first step before the reshaping of an end piece of a hub, a die is axially arranged on the rolling bearing in a preassembled state and, in a second step during the reshaping of the end piece and the shaping of the end-side toothing arrangement, the die radially delimits a radial recess of the rolling rivet collar as it forms. The integrins used in the present invention are integrin  $\alpha_v\beta_3$  and integrin  $\alpha_1\beta_3$ , and new antagonistic peptides screened from peptide library have high binding affinity. Yet another embodiment is a sensing method that exposes a trap that is adjacent to an optical resonator to an environment that may contain a contaminant that the trap can capture.

1459828563-a0567de9-6334-46aa-b929-bb2b80d120e4

A swim cap includes a first portion configured to cover at least a portion of a crown of a user's head and having a first durometer. The bracket can also include at least one vibration dampener. These statistical features are measured and mapped onto the control parameters of the digital acquisition device. The rake includes a windrow width adjustment system for adjusting the width of a windrow of crop material formed by the rake, independent of adjustment in the width of the trolley. An alarm application receives an input time and date through the input device and determines an adjusted time and date. Simultaneously, the carrier film is drawn away over the separating edge for detachment from the film sheet.

1459828563-ee5b2aa0-337e-4370-9213-103cc05f584e

The protective helmet includes a rigid outer shell where the shell includes an undulating cross-sectional profile. One or more test cases are defined in a test plan for execution against a plurality of networked devices. The generating of proximity tables and the assignment of workloads is iterated for other hosts until all workloads have been assigned.

1459828564-50eb25a4-2756-493d-89dd-c22bb4a23555

A hitch-mounted game carrier apparatus for transporting and skinning game. These methods and apparatus further enable expansion of the load control system by connection of additional loads and or load control devices and or controller devices which will reinitialize the low voltage communication network and automatically reconfigure the controller devices and load control devices connected to the network. Each of the lock members is punched directly and extended into a shape for being cut into two corresponding bending parts. After the weapon simulator has been fired a predetermined number of times, the bolt locking assembly will obstruct operation of the bolt and piston. The keyboard case has a cradling unit adapted for cradling a portable terminal after the keyboard is extracted from the keyboard case.

1459828564-642dbb54-f74d-4f5d-aa9e-fc43b3e7f3e2

An arthroplastic implant for a basilar joint of a hand of a patient includes a body having a distal surface and a proximal surface opposite therefrom. In one form, the address ranges are the same address range. In this example, each of the thermal inkjet printheads and piezoelectric printheads are connected to separate fluid

supplies to thereby enable each of the printheads to eject fluids having various characteristics onto a recording medium. Meanwhile, at the remittance destination, it is possible to send or receive a message without restriction of site, time, terminal, etc. The fixing portion and the blocking portion about opposite sides of the at least one first sidewall for preventing the at least one first sidewall from leaving a gap between the at least one first wall and the locking portion.

1459828564-a4ac3504-8beb-4778-ade4-31509e36efb0

The present invention relates to an optical interferometric apparatus and method for measuring acceleration, pressure, and pressure of fluids during flow using micro-opto-electro-mechanical-systems. The data is acquired in one acquisition pattern of a plurality of different acquisition patterns, which are determined so that an acquisition frequency of data in some areas of k space is different from that in the other areas of k space. The side boards are rotatably connected to the two side plates. The bias elements provide a current passing from the anode terminal to the cathode terminal that is below a characteristic hold current for the heterojunction thyristor device to thereby inhibit switching of the heterojunction thyristor device. After color samples are self organized and classified by SOM NN network, data can be categorized in clusters as a result of characteristic difference thereof. The enhancer is administered with the composition or separately, either systemically or preferably locally.

1459828564-acf52d28-8c74-478e-a513-368e09f4596f

A method and apparatus for selection of one or more ventricular chambers to stimulate for ventricular resynchronization therapy. The highlighted graphical elements are associated with the selected subpart of the mechanical design. Air passes through the wet channels where a material wicks moisture stored in a reservoir into the wet channels. A device link page is created, wherein the device link page contains a device button that is associated with each home device that is identified in the device link file. Subsequently, when the scalar quantity of the largest motion vector, among the motion vectors of each block in the determined observed photographic subject area, is smaller than a threshold  $v$ , the digital camera 1 judges that the user is attempting to perform a follow shot and there is no blurring of the photographic subject, and performs automatic shooting. A portion of the logic synthesis transformation is driven by the power consumption optimization; and, the statistical data about circuit activity maintained at the nodes of the circuit during the synthesis process is used to calculate the power consumption at various points in the process of synthesis transformation.

1459828565-444b31fb-fcfa-4bc9-bbed-6450d7930156

A heatable vehicle window includes a bottom bus bar and a plurality of top bus bars. The dopant gas may be included in a plasma. The image forming layer comprises at least a lower layer and an upper layer. The software program preferably takes the onomastic elements from the selected name and compares the onomastic elements to the one or more databases. Then, the top surfaces of the shaved foam sheets are affixed together to form a pre-form assembly and the pre-form assembly is molded under heat. Each set up process corresponding to any subsequent DFT testing block requesting any hardware resource and any software processes that are already locked for use is paused until such locked resource and locked software processes are unlocked and assigned for having that subsequent DFT testing block enabled for testing.

1459828565-45f7914c-64c2-4903-99a4-5166b27bf0b5

The method of the present invention is capable of securely detecting LPP signals. The cover has a closed position for at least partially covering the body, and the key is accessible when the cover is in this position. An air flow module is arranged at the lower side of the shaped body.

1459828565-800a44f5-8fa2-44f4-a1c7-cc383603b89e

The cavity has first and second main walls covered by a photoresist. A first indication of quantities represented in a market for a first tradeable object is displayed in association with the price axis or scale. A return spring is operatively connected to the pivoting body and is mounted around an axis substantially parallel to said first axis. It should also be added that in one exemplary embodiment, the laser connector is configured to be releasably coupled to the wall and the line. A second displacement sensor attached on the second stage is used to measure a distance extending from the second displacement sensor to a plane disposed in front of the second displacement sensor.

1459828566-9525f40e-1b2d-4b76-a094-4f1e12b46736

A circuit configuration for supplying voltage to an integrated circuit via a pad that is connected to the input of a Schmitt trigger on the integrated circuit. The components comprise a first component parallel to the viewable surface, a second component parallel to the viewable surface and perpendicular to the first component, and a third component perpendicular to the viewable surface. The drooping piece formed by bending an end of the leaf spring of an automatic stop mechanism disposed on a top face of the upper blade is engaged and accommodated within the groove portion and a projecting portion projecting forward is provided at a bottom end of the groove portion. As a result, the voltage at the VBUS terminal falls to 0. According to the performance indicator, it is determined whether the current IP bearer network satisfies the performance requirements of the communication network planning model. The methods and resulting structures create a higher feature density, thereby increasing polishing uniformity.

1459828566-99d6463f-af2e-4b2f-8072-0c74f31b0eca

A new method for designing a tire comprises the steps of laying up a tire having a stiff lower sidewall portion that has a high modulus apex and a high turn-up and a concave shape, a flexible upper sidewall portion that is decoupled from the tread. Evaluation of a synthetic reaction product can be based on a quantitative measure of synthesis such as coupling efficiency or yield, and various parameters determined from a separation record obtained for the synthetic reaction product. The phases of the power supply may be synchronized and interleaved. A dynamic sense circuit detects whether the resistance of memory cells is within specified limits.

1459828566-fbcc7c01-4c8e-4acb-800c-6292cb750a85

A water monitor includes a stationary portion having a fluid inlet. With this configuration, the present general inventive concept provides a display apparatus in which a display main body can lift up and down relative to a base. The tapes are generally parallel to each other and include first and second tapes that are adjacent to each other.

1459828567-1d4af840-b286-41ae-8796-525dbf047cc1

A method of generating a simulation model of a predefined fabrication process according to a sample conductive feature includes receiving a geometry configuration and layout design of the conductive feature. In preferred embodiments the images are acquired while maintaining motion of the samples. Further, the resin film is as the lowermost layer, the adhesive layer is provided thereon, and the paper or plastic film with the image receiving layer coat is provided thereon. The memory matrix also includes a third column line distinct from the first column line and from the second column line. A dielectric layer is formed on the base layer and on a second portion of the trench isolation region peripheral to the base layer. The frame also has a back panel which also may be adjusted between open and closed positions.

1459828567-3bf80007-9118-40c5-ba2b-0a83b0e8c7f1

A composite laminate suitable for use in upholstery, automotive interiors and the like, which is made of a polyester felt substrate, an adhesive coating is contained on said felt substrate which obviates the need for a barrier layer for a vinyl

laminate, with a vinyl film overlaying and bonding with said adhesive to said substrate. The flexible drive shaft is connected to the input shaft of the attachment device and includes an outer end portion with a non-circular cross-section configured to engage a complementarily shaped cavity of an output shaft operatively attached to the power tool motor shaft. An initial location of the wireless network device can be calculated based, at least in part, on a location of each of the plurality of reference wireless network devices. The intermediate portions of corresponding contacts in the same channel are soldered with each other by heating the SnPb plating and a wicking barrier is formed on soldering area. N is a finite set of non-terminal help symbols, to be used for the derivation and the representation of texts.

1459828567-4d2b23e8-ac8e-4aa0-8d37-c2bb18f7e7ef

A method for visual tool identification employing unique indicia as an identifier of an owner of a tool. The cell array includes a phase change resistance cell formed at an intersection of a word line and a bit line and a dummy cell configured to discharge the bit line in response to a bit line discharge signal in a precharge mode. Two arcuate portions are spaced along the long end and the metal body is beveled in the vicinity of the arcuate portions so that the arcuate portions will engage the threaded portions extending beyond the lug nuts for two adjacent studs. A stable composition made according to the method includes at least one non-polar isothiocyanate and a vegetable oil. The electrically conductive material and the underlying dielectric layers are anisotropically etched to form a dielectric structure on which a gate electrode is disposed. Then decoding the codeword using an ECC decoder to obtain the user data symbols.

1459828567-7d6246c9-e2f9-434d-84e4-bd4b82009411

A methodapparatus receives a user selection of a predetermined standard for scanning sheets of media through a user interface and optically detects marks on the sheets of media using a scanning device to produce electronic images of the sheets of media. The sector map identifies one or more sectors of a storage volume and also identifies, for each of the one or more sectors of the storage volume, a signature of the content of the sector. During use, the prosthetic device is attached to tissue of the gastro-esophageal junction region of the patient, with the device positioned such that food ingested by the patient passes from the esophagus through the proximal opening into the interior of the prosthetic device, and eventually exits the prosthetic device via the distal opening. The transportation line portion is in electrical communication with a unit for sensing electrical signals. The bearing surface portion is substantially cylindrical, the sealing lip being directed downwards away from the rolling bearing and bearing with radial interference against the said surface portion, the said substantially cylindrical surface portion being connected towards the top to a shoulder against which the lip can bear if the two cups become radially eccentric relative to one another. A power system is coupled to the fragmentation device for energizing a transducer of the fragmentation device for fragmenting tissue.

1459828567-8024c005-58c7-46fd-8e69-5ae833492285

A display panel driving method capable of performing a good intermediate luminance display corresponding to an input video signal. This information is a list of highly probable error event patterns and locations found by employing a list Viterbi or a set of matched filters on Viterbi data. The invention also relates to a method suitable for producing a superconductor.

1459828567-c2b67d40-fe7a-4968-ba47-c1958340121d

A method of making chunk tomato pieces from tomatoes. A front housing covers the first surface of the LCD panel and expose the displaying portion. At least one chill core is positioned within one of the cope mold portion and the drag mold portion. Since the thermal oxide film 13 is a thin film of 100 \u212b or below, a low temperature of 450\xb0 C.

1459828568-63d0a062-5362-4cfb-a8c7-0ae09823036f

A snorkel splash protector attached at an upper end of a snorkel and having a housing connected to an end of the snorkel tube, a float member and a top cover. A gastrointestinal implant device is anchored in the stomach and extends beyond the ligament of Treitz. A determination is made to provide an event through a broadcast carrier over the first channel. The coarse mode tuning unit performs a coarse mode tuning operation on the oscillation frequency in response to a coarse mode tuning signal, and the fine mode tuning unit performs a fine mode tuning operation on the oscillation frequency in response to a fine mode tuning signal, to substantially compensate for a frequency error of the crystal resonator.

1459828568-c35a0017-e698-432e-921f-1d562e5cdd7e

A charge forming device includes a body with a fuel and air mixing passage, a bypass passage that communicates with the fuel and air mixing passage, a throttle valve and a choke valve. Moreover, opposing faces of the magnetic layers are positioned apart by a distance that causes each magnetic layer to form a magnetic circuit with the associated free layer and the associated soft bias layer. A first metal layer is electroplated on the first surface and a second metal layer is electroplated on the second surface. Further, the connector may be plugged into the corresponding malefemale connector port and be held in position by the magnetic properties associated with the connector and the port and/or by a lock lever mechanism. A pair of gates generates a corresponding pair of duty cycle adjusted versions of the input signal.

1459828569-0adcd165-eeb7-4028-8996-736882e7272b

A control system is for wind power plants including aerogenerators provided with DC modular converters. The dispenser comprises a circular base with a small inner cone having its largest rim integrally joined to the edge of a circular opening in the base. The first element includes a loop portion at one end which mounts a pair of D-rings for securing the gun in place on the stand. Still further at least one binding function for each of the stages is defined such that a pair of binding functions in two successive stages links the events in these two successive stages.

1459828569-4216eb67-4af1-4240-8a41-0888b003245f

A system for storing equipment in a rack comprises a U-shaped enclosure having two opposing side surfaces perpendicularly coupled to a bottom surface, and an attachment element for detachably coupling the U-shaped enclosure to at least one other U-shaped enclosure to form a plurality of configurations, such that an electronic component storage rack can be constructed incrementally. The system includes a plurality of sensors mounted to the lift platform and a control system coupled with a drive system of the lift vehicle. The first testing module, the assembling mechanism, the focusing module, the carrying mechanism, and the second testing module are all electronically connected with the main processor. The first trench and the second trench define device isolation regions and active regions.

1459828569-51d11563-fab4-45f5-adf1-11259533605d

A new and distinct cultivar of *Persicaria* plant characterized by multicolored leaves exhibiting a large, striking brownish black triangular basal spot surrounded by a silvery olive chevron and trimmed with olive green edges. The wick member has a downstream end in the outlet passage and a printer needle passage extends into the wick member from the downstream end thereof. A Register Save Engine has random access to one port of the registers in the final SRF in the chain, and saves/restores data between the final SRF and the BS, e. The first type of transistor is rated at a higher voltage than the second type of transistor. The voltage reference can be taken from the anode to ground, from the cathode to ground, or differentially across the programmable metallization cell device. Data is read from the recording medium and a determination is made whether the recording medium is further recordable based on whether a temporary defect management area



includes repetitions of a predetermined value or based on whether another predetermined value is recorded in response to a finalization command previously recorded.

1459828569-57f9126a-7993-480a-b746-1c676d239069

A flowsleeve of a turbomachine component is provided. The vapors collected from distal sources within the tank are carried to the manifold by means of internal vent lines thereby minimizing permeation emissions common of external vapor lines. The surface of the underfilm is contoured and includes flat regions, and less than 50% of the underfilm surface is occupied by the flat regions. Super-production is achieved by the combination of the high level of expression achieved from the T7 polymerase promoter and by cultivating the producer strain cells under culture conditions that delay lytic development of the phage.

1459828569-5de0b0cc-4fa5-4dbd-b121-20330e01c60e

A projection screen includes: phosphor regions arranged cyclically in an in-plane direction of a display region; a plurality of black stripes and reference black stripes that partition the display region into the phosphor regions; and an optical information formation unit that is provided in a specific position within the display region and that generates readable optical information. In one embodiment, the multichip module includes a substrate having a first side and a second side, the first side being opposite to the first side. The filament obtained has a variable thickness and a variable composition. The second end has a pair of legs extending downwardly therefrom and adapted to extend into the PCB, and an additional beam extending downwardly therefrom adapted for abutting against an edge of the PCB. The end seal is of a material having a coefficient of thermal expansion approximately equal to that of the epoxy material.

1459828570-567a3580-9f37-4fab-babd-4d33eb215cb9

A flexible collapsible corrugated drain pipe has a corrugation structure that permits a tight bending radius and relatively facile collapsing and expansion of corrugations, thereby permitting convenient manipulation and installation of drain pipe and packaging, display, storage and transportation of the collapsed pipe sections. When an electromagnetic wave radiated from a readerwriter of a PDA 2 is received in a readerwriter of a personal computer 1, the personal computer 1 notifies the PDA 2 of device information stored therein. On the respective sub-areas, composition images are displayed indicating different compositions and object regions different from each other. Said metal sulfate product is then leached with dilute sulfuric acid to form a metal-containing solution, from which the metal values are separated by precipitation at raised H<sub>2</sub>SO<sub>4</sub> concentrations obtained by saturating the solution with the gaseous SO<sub>3</sub> from the sulfatization reaction step. With the laser irradiation, the functionality of the organic layer of the organic EL element is selectively degraded and the light emission capability is removed without damaging the cathode.

1459828570-b0acbba8-2026-4fe2-9cb1-51e46345590f

A system and method for managing a database is provided. The unitized frame has interlocking tabs on folded side plates of a base frame. The detachable accessory is insertable into and removable from the storage chamber such that the operating end leads during insertion into the storage chamber and the non-operating end leads during removal from the storage chamber. The actuation system is capable of moving the contact pad and the restraining system relative to one another to create a shear force across the target area of the user's skin to thereby provide tactile information to the user.

1459828570-b6fedca5-7aa1-45b0-b8e9-e3360eb2c27d

Various embodiments of light emitting devices with efficient wavelength conversion and associated methods of manufacturing are described herein. The method forming a semiconductor that includes flash memory cell having floating gate, then forming a

the substrate. Through the operation of the network, the master device can obtain the identifiers of the slave devices, and connections among the slave devices can be ascertained. The gas is removed from the quenching liquid. The female member is inserted by and locked with the male member while the pulling member is connected to the U-shaped part of the male member.

1459828571-4e319921-a736-4cdf-89ce-c2c393cb0d2d

Clogging of a distillation column by polymerization caused by a change of the production rate of acrylic acid, is prevented to carry out a stabilized operation over a long period. The source and the drain of each FET capacitor are coupled to one another. A communications-terminal selecting unit is configured to select out of the communications terminals one which has the need to change the downlink transmission rate in accordance with the downlink transmission qualities obtained at the transmission-quality obtaining unit. The tensioning system has a first idler plate configured to bias a first idler pulley against the drive belt when the drive is rotating the shaft in the first direction and a second idler plate configured to bias a second idler plate against the drive belt when the drive is rotating the shaft in a second direction.

1459828571-7d141a0d-5cd6-4aef-850b-8bcc30289876

A method is for calculating a height of a chuck top. The facet joint includes a superior articular face and an inferior articular face. A clip is operably coupled to the bracket to secure the sensor. The to-be-machined surface of the work so superfinished represents a smooth surface free from any machining trace such as a crossing-angle pattern. A quickly circulating tool for creating a mixing cone is disposed between an upper interior portion and a lower interior portion of the receptacle.

1459828571-ab4ce017-5c87-4b68-9cd5-3ad00d73b9c2

A method is provided that utilizes a parallel processing system to determine whether different geometries intersect each tile in a map hierarchy. The return path transmitter further includes an RF signal receiver, coupled to the optical signal receiver, configured to receive and convert the analog RF data signal into a second digitized RF data stream of digitized RF data samples at a rate determined by the sample clock. The crotch panel is openable and reclosable with respect to at least the second waist panel. According to a further aspect of the invention, the electricity being transmitted from the power generating site to the transmission line may be reduced by diverting at least a portion of the electricity being transmitted from the power generating site to a storage system. 01 to 20 ; C from 5 to 200 parts by weight of calcium carbonate powder with a BET specific surface area of from 5 to 50 m<sup>2</sup>/g; and D a platinum-based catalyst, used in an amount capable of inducing curing in the present composition. A liquid-level gauge testing method is also disclosed.

1459828571-c4a2233a-b3d9-4190-9347-5fdc8a7b0c79

A magnetic head including a plurality of head element units provided along a width direction with respect to a magnetic tape. The actuator includes drive electrodes and side electrodes. The echo profile is used to calculate the cyclic prefix length needed for optimum communication from one node to the other. A motor is installed on a first end of the drum, and provides a rotating force to the agitating screw.

1459828571-d7bcd97c-06ce-44e4-8366-f004e3878acd

The present invention provides methods for preparing TLR-4 receptor agonist E6020 and stereoisomers thereof, which compounds are useful as an immunological adjuvants when co-administered with antigens such as vaccines for bacterial and viral diseases. Further, the invention relates to methods of treating a disease selected from asthma, COPD, allergic rhinitis, adult respiratory distress syndrome, bronchitis, allergic dermatitis, contact dermatitis, idiopathic thrombocytopenic purpura, rheumatoid arthritis and allergic rhinoconjunctivitis by administering an

appropriate amount of a compound of formula 1 to a patient in need thereof. A first baffle extends downwardly from the top of the vessel downstream of the inlet and a second baffle extends upwardly from the bottom of the vessel downstream of the first baffle, with a first hopper for solids collection located upstream of the second baffle and a second hopper downstream of the second baffle. Some further embodiments position drives in a herringbone pattern to redirect air flow in addition to reducing rotational-acceleration vibration interaction.

1459828572-87e8c920-4d70-4e08-9b23-2c93d135f7e3

An integrated process for preparing a lubricating oil base stock includes an isomerization step followed by a solvent dewaxing step. A mounting system for the grass collector comprises a mount that pivotally couples the lower portion of the grass collector to the mower frame. Predicting future navigation data involves receiving navigation data and using the received navigation data to generate predicted future navigation data, wherein the predicted future navigation data should be approximately identical to navigation data received at a future time. The memory cell transistor has a charge storage layer whose side surface lies in the same plane as the side surface of the element isolation regions. The amplifier circuit is suitable in particular for Hall sensors that are operated in chopped mode. The plate has a gypsum core at least partly sheathed with a nonwoven glass fabric.

1459828573-157c325f-397f-40ff-8620-cb9216b6ea07

A vehicle has a crash detection device for detecting a crash that introduces a force acting in an effective direction into the vehicle. True reflect lines are then calculated and displayed on the deformed FEA springback blank, and the reflect lines are compared with the true reflect lines on the CAD model to determine variance of the deformed springback blank with the CAD model. A claw release portion and a claw covering portion are arranged in the connector cover in a rotation direction.

1459828573-1587fa51-4d88-4c1c-818e-5b55b1c775af

A system and method of controlling ciphering of call information between a mobile communication terminal and a network initiates the transmission of a ciphering request from the terminal to the network. The kit includes first and second column anchors operable to be mounted in the ground. The stiffness is selected to increase a resonance frequency of the test fixture to allow fatigue testing at higher frequencies for a wider range of samples. Certain of the sorted values are eliminated from prescribed ones of the groups in accordance with prescribed criteria based on the number of values in the group and the median value of the group values. The gear train includes an input member coupled to the control tab and an output gear coupled to the shaft.

1459828573-248a30b2-aec9-4b45-8bb8-74b5b3c0d091

A microscope apparatus organizes and stores a plurality of types of image information acquired by a plurality of image acquisition methods at different timings. The modified atmosphere may be air at a temperature of about 65 C. A sprayer head is linked to a supply hose and has a recess adjacent a base portion of the sprayer head.

1459828573-5f2152c8-4965-4d7b-a84b-facef5031dcb

A filter assembly and a method of filtering a fluid using the filter assembly are disclosed. The GPT assay kit is stable over a long period of time. The liquid-delivering pump is driven to generate a negative pressure inside the printhead to circulate the ink between the printhead and the ink tank. The drilling fluid provided in the present subject matter has advantages including easy use, high environmental friendliness, and outstanding reservoir protection, greatly reduces the damages of drilling fluid to highultra-high permeability reservoirs, and brings substantial economic benefits. The controller uses the primary sheet conveyance

path to execute one job, and uses the secondary sheet conveyance path to execute another job in parallel with that one job.

1459828573-85f6a690-d707-42b6-86f7-e33ab47b68c2

A proxy system enables a worker remote from a communication center and limited to a light computer device unable to operate as a workstation at the communication center to operate with full access to data and software at the communication center. The system includes a multi-rail conveyor, an imaging unit for each rail of the conveyor and a computer including a user interface. In another embodiment, a flash memory device comprises a memory array, a controller and a register. Class definitions may be established on the basis of typical parameter values for a particular type of service, and may be modified over time as those values change.

1459828574-10726d6d-ecf8-45cd-ae85-ea1ab4760eb1

Techniques for generating a bias voltage for a class AB amplifier having first and second active transistors. According to a feature of the present invention, the method comprises the steps of determining spectral information relevant to the sequence of images, and utilizing the spectral information to classify a pixel as one of background, shadow and object. The box can receive various articles, for example compact discs or an insert which can hold and support the disc in the box.

1459828574-52f892b0-7a65-4c94-abaf-b735779ecb94

An illustrative semiconductor structure described herein includes a substrate including a logic transistor region, a ferroelectric transistor region and an input/output transistor region. The image-forming apparatus includes an acquisition unit configured to acquire the access-control information based on a signature included in the flow setting information if the flow setting information includes the signature, and a flow-performing unit configured to perform the flow based on the access-control information acquired by the acquisition unit. The frusto-conical extension is adapted to lie in the opening with a larger-diameter end inward of the housing, and to make substantially a line contact with an at least partially spherical surface of the valve control member when the latter obturates the opening. Further, when realizing panoramawaterglass functions, the scaling ratio function is variably set, thereby variably realizing memories having sizes which vary according to the scaling ratio function. The network server provides a graphical user interface that the transmitting user accesses over the Internet to access the staging directory. The cleanup equipment is retracted after the testing is completed so that it will not impede the advancement of the drill bit at the lower end of the string.

1459828574-e9738baa-5747-454b-9ed5-47b75c3960f0

A method, system, and program product for data replication comprising, building a virtual image of a point in time in a Data Protection Appliance, taking a storage array based snapshot of a current image, creating a hot pull session and exposing a LUN containing the point in time image at the DPA. In one embodiment, the communication system utilizes a fan out, pencil beam arrangement in which electromagnetic energy is transmitted from a hub to customer premises equipment with a fan or similar antenna and from the CPEs to the hub via pencil beam antennas. The control is responsive to an output of the imaging array sensor to determine a distance between the imaging array sensor and the object or light source of interest external to the vehicle sensed by the imaging array sensor. A motion direction angle  $\theta$  is determined from distribution motion amounts  $X$ ,  $Y$  to the axes. The overlaid signals may completely obscure the background signals, or they may provide a level of transparency by allowing the background signal to be partially or completely visible.

1459828574-ffc5c249-f820-4a56-aa71-ff4aaa7d7378

A continuous well string injection unit and balancing system, in which the continuous well string injection unit is suspended using a sling connected to a

pair of suspension points. The lever and the body, one of which is fixable to a frame of the appliance and the other to a door, are tiltably hinged to each other by a first pin to make the door movable between open and closed positions. The present invention also relates to the use of the novel boronic chalcone derivatives to treat cancer. The circulation mandrel is secured at opposite distal ends in threaded Y-adaptor boxes. The tip includes a resistive area, and first and second semiconductor electrode areas.

1459828575-47271446-a2bb-449d-be83-c9a0b0a2521f

Some aspects of the disclosure relate to a data storage system that includes multiple memory device storage devices. The gaming system progressive award is associated with a designated quantity of points wherein the first player at one of the gaming devices to accumulate the designated quantity of points is provided the gaming system progressive award. The readwrite element includes an upper magnetic pole piece, a lower magnetic pole piece, a coil, and a resist filling around the coil, and a read element for performing reading, and an upper shield and lower shield for protecting the read element from an external magnetic field. When the pusher pushes the master piston forward, amount of volume increased in the boosted hydraulic pressure chamber is set to be substantially equal to amount of volume decreased in the input chamber.

1459828575-911859f5-13a2-45d6-b347-8cf207fb938d

A waveform dividing method for a capacitive touch control device saves a first waveform in a direction, and then saves a multi-touch waveform in the direction when another object further touches the capacitive touch control device. The tuning of the power splitting ratio is achieved by varying an effective refractive index around a portion in a multimode interference section. In one configuration shown, the serial chain of memory devices includes a chain of devices where each device is a stacked die memory device. Here, the at least one object property represents a movement state and an object position of the object with regard to a vehicle position of the vehicle and/or with regard to a roadway in the area in the driving direction ahead of the vehicle. The surgical fasteners are simultaneously deformable upon activation of the actuator such that a distal end of each surgical fastener secures each end of each luminal structure to complete the end-to-end anastomosis wherein the resulting eversion is exterior to the luminal structures.

1459828575-9f7a874b-0196-4859-bad7-0ae3dbcfffb4f

A method for judging a lost block characteristic in a video processing system including certifying whether a lost block exists among transmitted video blocks, calculating a temporal difference cost<sub>1</sub> between neighborhood pixels of the lost block in a present frame and a previous frame, and calculating a motion vector distribution value cost<sub>2</sub> of peripheral blocks of the lost video block. The model has a plurality of nodes representing spatial locations within the environment, and the principal direction for each node is determined probabilistically using linear features detected within an image of the environment. The error signal is used in adjusting the weighting coefficients. The anchor assembly also includes an attachment mechanism to secure the remediation materials to the retainer structure. This view can be selected by the driver by, for example, touching the screen upon which the bird's-eye view is displayed. The driving member can be easily replaced by disengaging the pin from the engaging recess of the driving member.

1459828575-f8e2535d-1e43-4908-bbb8-0e47c50f5aeb

An uninterruptible power supply includes an input switching circuit, an AC-to-DC converting circuit, a bus capacitor, an energy storage unit, a charging circuit, a DC-to-DC converting circuit, and a system control circuit. The system divides the first collection of data objects into m possibly overlapping groups of average size s and computes one combined hash result for each group. With this system design, a user's setting can be made effective only for a picture portion in which he is interested. The tip 10 includes a coating 17 bonded to the outer surface of the

anchor portion 13.

1459828576-4ed774b9-f9fc-40dc-b0b3-cfe1cb2a06ac

It is a problem to provide an electric apparatus less in consumption power and long in life by the manufacture using the display device. The first electrode is transparent. A central disk is fixedly carried by the diaphragm and is biased by a first spring that applies a restoring force upon displacement of the central disk. The method, from the first virtual machine, accesses the second set of resources to partition a file system for storing the second virtual machine. 5 event which imparts tolerance to glyphosate and at least one ALS-inhibiting herbicide are provided.

1459828576-5b8e46dc-1f56-4bf0-b9e2-a8c41b4becce

The tensioner includes a cylinder inside a large capacity reservoir tank without interference with other components. The device comprises measuring means for recording a first and a second signal, wherein the first signal represents the motion characteristic of an angular position of a first reference point of the shaft and the second signal represents the motion characteristic of an angular position of a second reference point of the shaft. The powertrain includes an engine and torque converter that is continuously connected to at least one member of the planetary gear arrangement and an output member that is continuously connected with another of the planetary gear members. The sled enables collection of a large volume of lawn refuse without relying upon additional mechanical devices to complicate the operation of the lawnmower.

1459828576-e662ddc2-437e-454d-84aa-ec5ea8ed1ade

Aspects of the invention provide a method and system for coding information in a communication channel. One or more optical transducers are attached to the first surface of the substrate so as to emit or detect light via the respective openings. First and second drive mechanisms, together with suitable connectors, are provided to mechanically rotate the platen about the perpendicular and parallel axes. The Drop Index Analysis allows users to specify: how many indexes to consider dropping, and/or how much disk space that dropped indexes should free up.

1459828577-1b6c8c47-ffc8-43dc-9f2b-4664b6105a6a

A urine suction device improved to achieve quick urine which includes a urine receiver unit and a urine detector unit. The testing apparatus includes a housing with the configuration of an air foil. Expansion and contraction of the chamber occurs by either the plunger reciprocating in the chamber or a piston coupled to the plunger reciprocating in the chamber. Thereafter, the method may use a dynode current of the PMT for detecting the features, defects or light scattering properties of the specimen.

1459828577-26550f68-1755-4812-bb05-498f86d7ef7b

The combined light source and air purifier unit includes a body and a centrifugal fan with rearwardly facing blades run at low speed and mounted by the body with its axis upright and a central intake through which air containing contaminants is drawn from a target zone below the unit. The injector is formed by drilling or otherwise forming a hole at an angle to the surface of one or more sidewalls of an engine nozzle or other device. The accelerometer also includes a proof mass, a magnet mounted to the bottom piece of the excitation ring, a pole piece mounted to the magnet, and a coil attached to the proof mass that extends into a gap between the top piece of the excitation ring and the pole piece. A plurality of hanging holes corresponding to the hanging hooks is disposed at the top and bottom of the lens for fixing the lens onto the frame. A flap sealing assembly includes a pair of compression plates positioned outside the flaps closing assembly. Accordingly, since the high frequency band signal is encoded and decoded by using the low frequency band signal, encoding and decoding can be carried out with a small data size while avoiding deterioration of sound quality.

1459828577-29b3a3f2-775f-43a3-818c-02960faba972

Methods and compositions for inducing immune suppression are disclosed. A terminator is added to part of NAL units extracted from a packet immediately before the transport stream packet is lost, and data on NAL units up to a NAL unit whose start code is detected is discarded after the start code of the NAL unit contained in the transport stream packet is detected and a terminator is added thereto. The reference counter of each of the cache lines in each cache level is tracked so that a cache line is not overwritten with new data prior to transferring old data out to the recipient device. Springy tabs are bent up from the metal backing plate of the screen unit, and these springy tabs serve to cushion the impact of the screen unit against the mounting frame, in response to the edge or corner impact, leading to a marked improvement in drop test performance.

1459828577-b010a4e4-2a22-4fe1-a053-5a543fe6596e

Thiophene-containing photo acid generators having either of the following general formulas: . The systems, methods, and data structures may convert the link travel time into a vehicle speed and correct the converted vehicle speed if a the vehicle speed or a first speed change amount is equal to or larger than a predetermined value. The control section generates a control signal in response to a bank activation command and a bank activation signal for enabling memory banks.

1459828578-038e1c8c-d019-4ac2-9de5-cef07edbee2c

The present invention relates to a supporting structure having function of rod-linkage latching which comprises a connecting unit, a base seat, a base seat hinge, a main hinge, at least one rod-linkage mechanism and at least one rod-linkage latching device. The first housing portion defines a first plane and has a first support member arranged thereon at a first angle to the first plane. A signal processing module for receiving the detector output signal is configured to produce an output profile of the relative temperatures of objects in the monitored area. Systems and methods are also provided for sharing data without replicating the data on an end user machine.

1459828578-44b28d83-8e05-4c33-90e4-fc9d58a465a9

A method for fabricating a bipolar junction transistor on a wafer is disclosed. In one embodiment, the method includes but is not limited to receiving at least one packet, and disposing of the received at least one packet in response to a walk of a Balanced Hash Table of ABCTs, where the Balanced Hash Table of ABCTs encodes an Access Control List. A fluid deflecting plug includes a comparatively large area top and a comparatively small area base. A memory editor links a telephone directory of a mobile phone unit and a telephone directory of an IP-PBX in cooperation with a telephone directory controller of the IP-PBX. The patterning exposes regions of the semiconductor wafer between the integrated circuits.

1459828579-74423974-9df6-4ede-940d-e8a81d2dd901

A device for testing the adhesion of a coating to a substrate and a method of using the device are disclosed. During operation the system receives telemetry signals from sensors within the computer system. An inorganic insulating film is not attached to the sides of the base electrode. The control module is configured to vary the operating parameters of the amplifier circuit based on a desired output power level. Since the LED lamps can be individually replaced, untrained persons can carry out the replacement operation.

1459828579-87b14918-59b4-4daa-b7f1-05a17ceccfd7

A method of forming a polishing pad with a polishing layer having a polishing surface and a back surface. The sensor unit may measure a biosignal of a user, and the headset body and the sensor unit are indirectly connected by the connection unit. The block decoder outputs first and second block select signals in response to pre-decoded address signals and first and second plane select signals, which are

respectively enabled according to an enable state of the planes. It may be formed of a plurality of wedge-shaped pieces of wood, and the two species of wood may be joined by interleaving these wedges over part of the bat's length.

1459828580-7e5f9bf7-e4a0-452a-93f5-bcda0b2671d5

Systems for providing a tune master internet protocol device includes a communications network configured to provide caller identification information for an incoming telephone call and a processor that is coupled to the communications network. The method for preparing a conductive polymer solution of the present invention comprises adding a phase transfer catalyst adding an organic solvent to an aqueous polymer solution prepared by dissolving the  $\pi$ -conjugated conductive polymer and a solubilizable polymer in water. If the timer reaches a set value, indicating a sufficiently long period of inactivity, then the transmission sequence number is reset to zero or another predefined value. The clock source selector can be used in an integrated circuit to form a glitch-free multiplexer. Further, the present invention relates to methods of determining the timing of treating a disease in a subject in which the immune system is cycling. A target solution is mixed by agitating the mixing beads while the target oligonucleotides are hybridizing to the complementary probes on the array.

1459828580-dd338102-8e8b-4529-a7d3-37743615ba69

A sharpener to sharpen the edge of a food slicer blade includes a non-planar abrasive surfaced rotatable disk mounted on a supporting structure. The apparatus has a motor with rotating driveshaft that defines a rotational axis substantially parallel to a surface of a body of water. In this manner, the x-ray detection photo diode enables the electrode structure to be changed.

1459828581-198cdeb8-cc43-497a-bafc-2682b095a0d7

The invention provides pyrrolo3,2-dpyrimidine derivatives represented by formula, and their medically acceptable salts. Individual characterization incorporates an inference engine which formulates client composite images which vary with time. The decoded data generating unit generates decoded data corresponding to the compression data based on the reference compression data extracted by the reference value extracting unit and the compression data. In the heat transfer process, after imaging, the image receiving layer and melt transfer layer are peeled away from the optionally barrier-coated support material and placed, preferably image side up, on top of a receptor element. Recording and reproduction of information can be performed likewise by using a recording or reproduction light beam accompanied with one or two tracking sub-beams.

1459828581-6040c3e4-7d7b-41c6-8b3b-8d95480c1bef

The present invention discloses new live attenuated strains for oral immunization against cholera that are provided in freeze dried formulations for long term storage and administration to humans. The procedure according to the invention ensures an improved result of cold forming, or even enables the manufacture of specific component shapes in the first place. A drive mechanism is employed to rotate the mounting table integrally with the die assembly about the axis of the die assembly. The privilege granter routes the session packet to an addressable service. The preferred method can be used with a general computing environment or in an embedded system. In response to a transition of a configuration item between state values, a message value and requester identifier that are associated with the transition are selected, and the message value is sent to the requester referenced by the requester identifier.

1459828582-84aaeb5b-5862-4a41-8aa0-7c7a7a1644d5

Provided is a degassing container for a refrigerator in which a portion of air within a storage space is forcibly discharged to allow the storage space to become a low pressure state. When a user initiates a login session on a secure site using a client computer system, matching login session identifiers are displayed on the



client computer system and a mobile communication device uniquely associated with the user. 10 siemensm; and allowing a first electrical current to flow in a first current path in the meander line.

1459828582-b15443ff-f5eb-435c-8b92-4e2d580ecd7c

According to one embodiment, an information recording medium includes a video object area for recording a video object formed of video object units which is a minimum unit for reproduction, and a highlight information pack which is included in the video object unit. In one or more arrangements, the contact member may be disposed on the support member and include a contact portion configured to contact a sheet being conveyed. The source coil, and first and second sensing coils are embedded in the circuit board, and each of the first and second sensing coils are constructed and arranged to provide an output as the object passes by source coil and the first and second sensing coils.

1459828583-c6672a65-a698-4216-805c-d35bac1d1454

A display device includes a display panel, an electromagnetic touch panel, and a backlight module overlapping one another. A solvent for asphalt dissolves the asphalt constituent to form a slurry of asphalt-solvent liquid and the solid materials. Each one of such processors provides a plurality of sets of successive processor addresses. New texture is synthesized using the texture parameters in combination with a set of constraints. The adhesive is then cured to form a bonded joint, the bonding grid being incorporated into the bonded joint.

1459828584-48a7afa7-d831-4f25-abf7-b11a923e5cbb

A non-volatile memory cell and a high voltage MOS transistor on the same semiconductor chip without changing the characteristic of the non-volatile memory cell. Also, an electrophoretic display device includes a display device comprising a pair of substrates in which a light-transmitting electrode is formed on at least one substrate and the medium for electrophoretic display described above between the substrates. The items may be installed and movable onto and off the vehicle.

1459828585-0674ec20-0c48-4486-86a5-14bdafbfb4989

A calibration device for a parallel kinematic manipulator having a base unit and a manipulator platform movable with respect thereto, the manipulator platform being connected to the base unit via a plurality of joints and a plurality of variable length actuators. The system acquires data that represents an event in the life of a business enterprise, such as a transaction between the enterprise and one of its customers, and loads this data into a database table. The generation of the bubble causes the ejection of a drop of an ejectable liquid through respective corresponding nozzle, to effect printing.

1459828585-331cc9bf-a368-463f-989f-bdafe503b188

Methods and apparatus for use of a stacked, reconfigurable system is provided. In one embodiment, the applicator provides the disclosing agent to a tooth surface and a composite filling of the tooth. The swing wing tip assembly has a dual load path structure configured to transfer load from the unfixed wing tip portion to the fixed wing portion. Each integrated push cap having a pair of ribs for snubbing and seating a pair of conductors into the insulation displacement connectors and one or more pair of chambers for isolating and gripping the ends of the conductors.

1459828585-bff2c35e-a862-4727-a512-c2c333bc3524

Method and device for reading data from a semiconductor device, where  $t_R$  is a read operation time,  $t_T$  is a buffer transfer time, and  $t_H$  is a host transfer time, where at least two of  $t_R$ ,  $t_T$ , and  $t_H$  may be overlapped to reduce a total transfer time. A system of the present invention comprises four rectilinear working conductors in the shape of busbars which are assembled in pairs on each lateral side of the object to be treated over the whole length thereof, wherein said busbars are arranged one above the other at a distance determined by the object height. The

pick-up gear is rotated when the motor is rotated in a first direction, the feed gear is rotated when the motor is rotated in a second direction, and the discharge gear is rotated constantly in one direction regardless of the rotation direction of the motor. The milk frothing system additionally includes an expansion vessel, having a water chamber and an air chamber, said water chamber being connected to a point of the water conduit, downstream of the pump and upstream of the heater, and said air chamber being connected to a point of the air conduit, downstream of the first check valve and upstream of the second check valve provided therein. The grid has a higher tensile strength to weight ratio and a higher creep reduced strength to weight ratio than corresponding ratios associated with a grid made from a non-polyethylene terephthalate starting material.

1459828585-c58ca006-a9bd-4c27-b732-b8a3cf4c22c0

An electroadhesive gripping device or system includes a plurality of electroadhesive gripping surfaces, each having electrode and each configured to be placed against respective surface regions of a foreign object, such that one or more electroadhesive forces can be provided between the electroadhesive gripping surfaces and the foreign object. Excessive Th1 cell mediated immune responses are caused by such autoimmune diseases and chronic viral and intracellular bacterial infections as Psoriasis vulgaris, Multiple sclerosis, Rheumatoid arthritis, Crohn's disease, insulin-dependent diabetes mellitus, Tuberculosis, Acute graft-versus-host disease and HIV virus infection. The apparatus includes a memory adapted to store a current and previous fields and predetermined portions of a future field of an input signal. The system may also comprise a co-extruder configured to extrude the a material layer and a collagen gel layer about the exterior surface of the base layer that is then at least partially coagulated before receiving the grill treatments. An anchor factor is used to preserve the mean tone level for each color while the tone levels far from the mean tone level are changed more dramatically than the tone levels close to the mean tone level, which minimizes hue shifts while maximizing contrast enhancement. In addition, the void filling scheduler is used in conjunction with bandwidth grabbing to improve scheduling performance.

1459828586-3a7a8dc6-82bd-4b58-b80f-626c31779337

A data storing system performs a test operation on a memory block on which a read operation is determined to be failed, and determines whether the memory block is or is not a bad block based on a result of the test operation. An inband bit decoder decodes the inband bit portion of a received frame to obtain confidence levels associated with each of the M codec modes. Then a first N-type well, a first P-type doped region, and a first N-type doped region, are formed on the P-type substrate, wherein the first P-type doped region and the first N-type doped region are coupled to the specific voltage point, respectively.

1459828586-4d001c52-9235-4c6b-bade-c84c11be9c5a

The present invention makes it possible for a virtual higher-level device disposed on a virtual platform to use prescribed data related to an application. The cleaning composition optionally contains dyes, glycerol, builders, fatty acids, polymers, fragrances, colorants, anti-foaming agents and preservatives. The release layer comprises a maleic anhydride polymer selected from a maleic anhydride copolymer and a maleic anhydride graft polymer. The subject reagent test strips include one or more members of an analyte oxidation signal producing system and at least one hemolyzing agent.

1459828587-3c1e2ce4-d039-4231-b1b2-cd9e5f51aa06

Techniques for correcting the color uniformity of a laser printer of a digital press or other device are provided. Characteristically, said organosilicon compound is chosen from the family of crosslinked, cyclic or branched oligomers and resins, which have a number-average molecular mass of between 500 and 10 000 and which consist of units of formula  $\text{SiO}_4$  and units of formula  $\text{SiO}_x\text{R}_y$  z. First and second internal electrodes which are opposed to each other within the capacitor body are

respectively electrically connected at ends thereof to the first and second side-surface terminal electrodes, and are also respectively electrically connected to the first and second major-surface terminal electrodes through via hole conductors. Thus, it is not only possible to appropriately control the temperature in the processing vessel, but it is also possible to reduce space and energy, by combining the resistive heater with a thermoelectric conversion element. A pair of fixing elements each has a first fixing slice secured in the first fixing groove.

1459828587-d9edf8ff-47eb-4212-835c-7d6c6ccd4ec0

A sensor assembly including a sensor and a data storage medium, on which the specific data of the sensor, such as type, measurement range, calibration date, serial number, manufacturer, etc. Alternatively, color image data are received, and histograms of a plurality of colors on the color image data are calculated. The wrench rack may include a handle pivotally connected with the board. The system automatically links top level indicators to core and sublevel process and quality outcome indicators. The processor receives an image frame corresponding to an image of the surface of the calibration tool, performs edge detection on the image frame to determine a position of each of at least one detected pattern edge, and generates the calibration information with reference to the position thus determined and the corresponding predefined location. The coated amphetamine-ion exchange resin complex is in admixture with a polymer to form a matrix.

1459828588-15ac31bf-b4d5-439a-bdd3-934de71f78e1

A service AP conducting ordinary business processing is executed on a first OS. The method includes the steps of providing a first section and a second section of the printed product with an identical array of stitching locations, each stitching location receiving a stitch or being punched through. An active air removal controller removes detected air from blood in the air removal device.

1459828588-58f46b2f-77d6-4fb7-ad2e-936c0c30cf3b

Systems and techniques for providing a master data framework. A source of audiovisual content transmits corresponding digital data to one or more endpoints, such as over a home network, where it may be buffered and/or decoded for playback. This enables the maximum effect to be realized with the necessary minimum polishing, without setting special conditions and which is suited as a finishing tool. The light sources provide a light beams. The use of decreased extrusion pressures also results in increased uniformity in aerosol generation and improved reliability of other components.

1459828588-7f50a12c-79ff-48f8-97f9-f0b74ca21ecd

A new cultivar of *Camellia sasanqua* named 'Green 99-016', characterized by its dense and upright plant habit, its white double flowers that have a very high number of petals and petaloids imparting a carnation-like appearance, its vigorous growth habit, its dark green foliage, and its good resistance to *Phytophthora* sp. The plurality of metal chalcogenide nanocrystals are then grown without injection of either the metal source or the chalcogenide source at a temperature at least equal to the sufficient temperature, wherein growth proceeds substantially without nucleation to form a plurality of monodisperse metal chalcogenide nanocrystals. Acoustic energy may be introduced to a focal zone and narrow band interrogating signals may be used. A processor determines an alignment position of the substrate or the reticle based on the alignment signal. The interelectrode insulating film covers whole side portions of the floating gate electrode located in a direction different from a direction in which the word line extends, and the control gate electrode covers the side portions of the floating gate electrode located in the direction different from the direction in which the word line extends.

1459828589-0d0b3976-e958-4d28-949e-0acb8c3ca32f

Embodiments of a wireless access network and method for IP multicasting are

generally described herein. The obtained heat exchanger has a long last good corrosion resistance and can prevent occurrence of fin detachment and pit corrosion. 5 KHz to about 50 KHz may be applied to the patient's spinal cord region to address low back pain without creating unwanted sensory and/or motor side effects.

1459828589-fa929348-e2ce-43ec-bf0a-8b9739851f48

The present invention teaches, that the removal of particles of any charge from liquid stream is possible by mechanisms other than sieving with good flow and low pressure drop. Extension of the under-bump metal laterally from the gate contact with the gate pad metallization out to two or more gate pads not overlying the gate pad metallization minimizes the risk of delamination of the metallization due to thermal and mechanical stresses in assembly and operation. The delay reduction is also based on locally dedicated input buffers for each data transfer circuit, and for applying thereto a buffered replica of the external signal present on the metal line. The ferromagnetic films magnetostatically couple to the free layer which causes the free layer to be in a single magnetic domain state. The level shifter may either couple or decouple input circuitry from a reference voltage in response to a firewall enable signal, may translate signals between a first voltage domain and a second voltage domain when the firewall enable signal is deasserted, and may generate an output signal having a predetermined one of either a high or low state when the firewall enable signal is asserted.

1459828590-2c3958fb-8c50-44d1-ae2e-aa4c7c06b887

The magnetization state of a ferromagnetic layer can be set to correspond to different values of a data item to be stored in a hybrid memory device. In one embodiment, codewords are redundantly used in order to decrease the total number of bits required for feeding back acknowledgment information or in order to increase the Euclidean space between codewords. In effect, resonance induced mechanical wear is reduced which leads to an increased life time of the wind power plant. The programmable voltage bias circuit of the present invention uses the temperature dependence of the output supply voltage to make the gate delays of the buffer temperature-independent. The sustained release compositions of this invention comprise a biocompatible polymer having dispersed therein, a biologically active polypeptide and a sugar.

1459828590-caad29b2-570d-43cc-a6f6-e8a6c7070b82

In a simple method and device for producing plasma flows of a metal and/or a gas electric discharges are periodically produced between the anode and a metal magnetron sputtering cathode in crossed electric and magnetic fields in a chamber having a low pressure of a gas. One end portion of the elastic member is fixed to the supporting member, and the other end portion is a free end portion whose tip edge is to be contacted with a member to be cleaned while rubbing the surface to remove a residual material therefrom. In response, one or more cellular router failure notification packets are sent by the cellular router prior to failure to one or more nodes within a cell served by the failing cellular router. The connection component is connected to a portable electronic device. The method comprises suspending a request responsive to detecting of a condition indicating a lack of a resource necessary to serve the request; applying a resource management procedure to increase availability of the resource; and, responsive to successful completion of the resource management procedure, serving the request.

1459828590-e416fc82-7d45-46ce-830f-ae7c9dbfcc80

Apparatus, and an associated method, for controlling the power levels at which an EDGE-modulated signal, or other signal which includes envelope varying-portions, during operation of a communication system. More particularly, the present invention relates to solventless curable PSA compositions suitable for forming pressure sensitive adhesive compositions having improved high temperature cohesive strength while maintaining good tack and adhesive properties. Heat may be applied

to the formation to raise a temperature of a portion of the formation to a pyrolysis temperature.

1459828591-61d01c3a-72aa-4086-b991-a5c98e49c4f7

Some embodiments of the invention provide a path-searching method. Light from the optical coupler is then coupled into a light guide. The carrier includes a device for controllable generation of a magnetic field through influence of a control signal to attract at least part of the at least first and second type of samples towards specific locations on the carrier when connected to a first control signal and to repel at least one of the first or second type of samples when connected to a second control signal.

1459828591-c5aef4d9-6deb-4c09-ab6b-34d536e09f97

Biomass based feeds are processed under hydrothermal treatment conditions to produce a hydrocarbon liquid product and a solids portion. A user interface system for presenting medication dosage and treatment information includes a display processor for providing data representing a single display image. At least one wire connection terminal is connected to a secondary winding of the power transformer. A tee head on the other end of the axle is fit into a recess in the outside face of the other but to establish a non-rotative connection.

1459828591-e2a62e85-98df-4251-86a6-91a8c20412ba

The present invention is directed to 6-substituted-thio-2-amino-quinoline derivatives, pharmaceutical compositions containing them and their use in the treatment of Alzheimer's disease, mild cognitive impairment, senility and/or dementia. Aspects of the method may include acquiring an MMI event from an MMI event queue within the MMI wireless framework. Form engine is connected to output device. The common voltage generating circuit provides a common voltage to the common electrode. A surface of the multiple-layer composite lens can comprise a combined progressive structure and substantially constant optical power structure or a cropped progressive structure.

1459828591-f77e9995-c206-4048-bbf1-a22647485170

A phase locked loop with low steady state phase errors utilizes a delay unit to delay an input signal or a reference clock so as to lower the steady state phase errors of the PLL. The heated sensing surface is constrained to have a wettable area much larger than the area of the cooled sensing surface. Specifically, a laser beam emitted from laser source is converted into an incoherent rectilinear light beam diverging in a certain direction by the rectilinear light beam generating device, and the rectilinear light beam is projected on a sample via a beam deflecting device so as to scan a surface of the sample. By forming the interlocking features as integral parts of the guide track and drain member this prevents leakage in weakening in the areas where fastening devices would otherwise need to be attached. The edge areas of the active region are thereby protected from thermal damage during electrostatic discharges.

1459828592-0846adcd-235f-4bcf-ace1-d9498c8c7346

Technique for calibration of a frequency converter for reducing a leakage-based non-direct-current component at an output of the frequency converter. The system includes a fluid delivery conduit having a distal end fitted with a nozzle that discharges fluid in a 360 degree arc perpendicular to the direction of the conduit. The connector comprises a locking and rotation-enabling element that is arranged to be activated once a second fluid container has been connected to said second component, and/or once a first fluid container has been connected to the first component, which locking and rotation-enabling element enables the first component and the second component to rotate freely with respect to one another.

1459828592-96b40f6c-ed38-4995-9e35-6e3ea719192f

A device for processing a data stream originating from a device generating matrices

of  $N_l$  rows by  $N_c$  columns of data includes  $K$  computation tiles and interconnection means for transferring the data stream between the computation tiles. Two cams, having openings for the spindle, bush pin and fastening bolt, are aligned with the bracket bores. The method also includes receiving buffer control header with a data packet of a second stream. The covering layer is placed around an outlet opening of the nozzle hole. In other aspects, an electrical module includes at least one of these electrical connectors. A condition of the value document is determined for the condition value using a preset criterion.

1459828592-ef8bb30b-7b67-4bab-b9b2-66fd7e8ad9a7

A wire grid polarizer for polarizing an incident light beam, comprising a substrate having a first surface and a second surface ; and a first array of parallel, elongated wires disposed on the first surface. The motor unit is configured to rotate an output shaft in first and second opposite rotational directions. Substitutionally doped Si-containing films may be selectively deposited onto the crystalline surfaces of mixed substrates by introducing an etchant gas during deposition. First and second light emitting devices emit respective first and second lights in a direction substantially parallel to the linear cutting path.

1459828593-5783a75a-5cb4-4c3f-b56b-704cfb6b6751

A transparent or partially transparent polymer packet is described containing a hand sanitizing fluid in which floats a printed insert. The macro cell comprises the base station device and at least one radio transmitter device that is communicatively coupled to and remote from the base station device. Moreover, the machine includes a half-split type mandrel, vertically provided on these support members, comprising mandrel half portions, with each outer peripheral surface thereof being in contact with the inner surface of the opening. Likewise, a null activation of the pressure sensor positioned in a lit footfall portion generates a second signal to the microprocessor.

1459828593-9334c19d-7fd7-438d-89be-70da2236358a

The invention relates to a process for recovering Group VIB metals from a catalyst, in particular a spent bulk catalyst, comprising one or more Group VIB metals and one or more Group VIII metals. The counters are controlled by control signals from a control logic circuitry of the countertimer circuit, where at least some of the control signals are dependent on event signals generated by an event generation module of the countertimer circuit. A second end of the arm is pivotally connected to a first end of a link, and a second end of the link is eccentrically pivotably connected to the wheel.

1459828593-fb8262da-98a6-4ffa-926e-3bd454a816b6

A method of offloading data is provided by a UE. The up-sampled image is converted into a multi-level image with a second resolution lower than the first resolution with an image processing circuit. A particular encoding scheme may be selected based on information received from a network entity that is separate from the communication system, a user associated with the communication system, a remote communication system with which communications are established, or a combination thereof. Co-culture of neuronal cells with cells to be tested for infection with a TSE agent also provides a high throughput method for identifying infected cells. This driver command is only detected when the pedal position or a desired value derived therefrom exceeds a pregiven threshold value and when the gradient of the pedal position or the desired value derived therefrom exceeds a pregiven threshold value.

1459828594-133bfc40-1dfd-43f6-b4ad-edfc9d887769

A position measuring apparatus which measures positions of first and second marks. A servo controller for track following on a tape uses a digital filter implementation of the matched filter to produce a filtered servo signal. The plurality of candidate images is transformed based on the reference image. The

receivers are coupled with the display elements and receive transmitted image information.

1459828594-aef4b226-7f98-4f7f-84fa-57d5c037780d

A double inlet centrifugal fan includes an impeller and fan inlet port. Air and fuel vapor flows through a mixing tube and an Omega recuperator to a combustion chamber and heats IR emitters spaced from TPV cells. An upper surface of a through plug is retreated to a lower level than an interface between the silicon substrate and the insulative thick film, thus to define a height gap. Two blocks extend from the rotatable member and a plate is mounted on the annular flange. The energy delivery circuitry is configured to deliver the cardiac stimulation therapy. The intermediary drive roller assembly includes: an intermediary idler roller mounted on an intermediary idler shaft; and an intermediary drive roller having a gripping surface engaged with the intermediary idler roller.

1459828594-ec1f1c93-280d-499f-9719-d6172a21f402

A method of enhancing the productivity of a subterranean formation penetrated by a gas, oil or geothermal well consists of introducing into the formation and/or well a pumpable polymerizable fluid comprising a crosslinkable, monofunctional alkene, multi-functional alkene, a heat inducible free radical initiator and brine. The diaphragm is mounted between the first and second bodies. The bushing assembly includes an elastomeric element.

1459828595-4a025666-38bd-423f-a758-ba3023df1de1

A plastic container is provided. Light emitted from a light source bulb is reflected by a reflector to form an outward beam. In a second conversion operation, the AD conversion unit compares the analog value with a second reference voltage and outputs a comparison result as second converted data. Efficacy may vary from patient-to-patient. Another embodiment comprises at least one drug, a reservoir for receiving the drug, and at least one of a coating and a membrane closing the reservoir, wherein one of a material for the reservoir and a material for the coating or membrane is made from a shape memory material and wherein the shape memory material, after triggering the shape memory effect, controls the rate of release of the drug. The wireless communicator can use carrier-to-interference ratio measurements and sector load information for each of its Active Set sectors ) to determine the best serving sector.

1459828595-5c05237d-17b3-4078-9c9c-7b8f4fd9a1ca

The present invention provides a method and apparatus for controlling the pressure of an actuating fluid flowing through an inching clutch. The stencil includes a carrier strip, which carries an identification code or symbology. 0 to 10 mm and into which optical waveguides are introduced. Specifically, a video codec structure such as H. If a device determines that it is compatible with the seed device and is thus able to share its resources with the seed device, and vice versa, the device can decide whether to join the cluster.

1459828595-c5de5454-4467-4427-a95b-e9f5dec8e54

A sequential vibration preventer for a ball hitting implement in which impact vibration that is generated when a ball is hit is transmitted to the human body from the impact generation source via the ball hitting implement. The handle and a portion of the cord are passed through the first loop to form a collar. The closing of the roof area hides the displacement of a first seat in the vehicle by a second seat. In the erroneous pixel removal process, a boundary pixel removal process, a contraction and expansion process, or the like are applied. Then, ink is sucked for each of the three nozzle caps by a suction pump.

1459828596-2af36bc9-0019-4678-bc94-25d67770e288

The present invention relates to liquid-crystalline media comprising self-aligning additives which effect homeotropic alignment of the LC media at a surface or the

cell walls of a liquid-crystal display. The first joining surface is attached to the housing and the second joining surface is attached to at least one optical element of any one of a first optical system and a second optical system. The CPU communicates with the second GPU via the second-GPU bus after receiving a signal indicating the timing of the data communication. There is a cutting tool rotatably contained within the bore of the sleeve. A zener diode is used to clamp the VBL at a voltage higher than the set point of the controller to ensure that the controller operates with a 0% duty cycle output while in a no-load condition.

1459828596-4ca64e48-097b-440f-9a45-0ed36a655f4d

One embodiment of a retractable marine fitting includes a housing positioned within a marine hull, the housing adapted to receive a fitting therein, and a fitting including an elongate body movable between an extended position substantially outwardly of the housing and a retracted position substantially inwardly of the housing. A number of discrete posts span the slot between pressure and suction sidewall portions. In a preferred embodiment a plurality of IC memory chips are mounted on one side of the flexible substrate and one or more logic chips to the other. A signal analyzer is located in the casing and is connected to the telescoping antenna.

1459828596-8135f29b-c0d4-4d95-b8eb-2be51aded3cb

A portable ozonation apparatus for storing and purifying liquids includes a container having an opening for receiving a liquid and a treatment cap. The coating therein consists of a non-vaporizing getter metal alloy for an inner wall of a high-vacuum vessel. The first steering element is positioned to steer a beam from the laser. The arithmetic means acquires at least one characteristic value possessed by a waveform corresponding to one unit of a training action which waveform is included in the displacement detected in the detection unit on a time axis, for each waveform, and to evaluate the acquired characteristic values for at least one of variation, transition tendency, and deviation from a predetermined value. The switch valve switches the open state and the closed state of the low-pressure return passage.

1459828597-30752aa1-3dc1-4b45-9843-8b051b15960b

A method for reducing a size of an image of a class file is provided. In one embodiment, an actual speed of a vehicle involved in an accident may be estimated. The carrier body is slidably received within the device housing for movement between an advanced position and a retracted position. The resilient tab is outwardly displaced by the sloped surface to expand the top opening of the indicator to allow the indicator to pass over the flange.

1459828597-42b54a85-d5e1-4829-919c-fb636cdc7078

In a method for transferring a product in a packaging machine, the product is engaged from behind by a pushing element which is mounted on and driven by a first circulating continuous conveyor and moved from a transfer station along a sliding surface for transfer to an ongoing conveyor device. The first and second strips are not exposed until the package is initially opened, and are not interlocked with one another until the package is initially opened and then reclosed. The fastening component is connected to the other housing part and to the handle, and a vibration reduction element is arranged between the fastening component and the handle. Control terminals of the first and the second switch are connected to a word line.

1459828597-459327a7-743d-4a5d-9eba-6b7410c77bf6

Semiconductor devices are provided such as, ferroelectric transistors and floating gate transistors, that include an epitaxial perovskitedoped strontium titanate structure formed above a surface of a semiconductor substrate. In this operation, if a user ID is designated, transmitted image data and information related to transmission is transferred to the LAN to notify the information to a user corresponding to the user ID. Thus, when a burglar employs an electric drill to



break and unlock a lock by drilling through the keyhole of the lock, the steel balls in the recessed holes can stop the electric drill from drilling forward, having excellent effect of anti-theft.

1459828597-7a2963f8-149d-4110-9024-9cdadc984c05

A blower system for livestock may include a housing. The system may include a sensor, sensor terminal, and data collection unit. The receiving queue manager transmits a synchronous write of the transaction message to a remote queue manager associated with a remote disaster recovery computer to safe store the transaction message before it can be operated upon by the transaction processing computer.

1459828598-8dc12f77-2fb2-4adc-8a36-dc2d6a63a43e

In datacenter environments, many copies of servicing components are used to handle larger loads. Typically, the main route for the transosseous core approach traverses through a more-accessible bone of the joint which can be aligned with a less-accessible bone of the joint in order to facilitate treatment of articular surfaces and/or other structures in the joint. The phase of the commutation controller is re-initialized based on the timing data on the disk, thereby compensating for a cumulative phase error when driving the commutation sequence based on the timing data on the disk. In phase one, a compound that reverses the effect of the anticoagulant is added to the first portion and a clot is allowed to form. Also, the stepping motor rotates backwards. Specifically, the insulating ceramic base is located between the solid electrolyte body and the heating element, thereby ensuring a desired degree of electric insulation between the heating element and the reference electrode.

1459828598-cc0a1122-1fbd-4590-9a21-0ebbe8151d66

An improved tilt-type aerosol valve for use with a pressurized whipped cream dispenser. The radiation therapy wire is similar in size, shape, and flexibility to the conventional guide wire used for the angioplasty procedure, and is introduced using the same catheter to carry out the radiation therapy procedure. The metal has a surface hardness above 50 Rc to reduce the risk that the metal will deform under the coating and leave the coating unsupported. The buses of one layer are connected to the appropriate bus of the other layer using through-holes located in the array. The layouts include features having a print-compatible shape and an orientation that is either orthogonal or parallel to the orientation of every other feature in the layout. The water-based amine curing agent may be used as part of a two component coating system in the curing of modified or unmodified liquid or pre-dispersed curable resin.

1459828598-e6079b29-ecbe-4d79-8fe8-f68bc045b941

Methods and computer readable media are provided for creating a dialing string. In operation the gauge is compressed, placed around each tension rod and released. The compositions may be used to prepare fried foods such as donuts. In an adjusting action, a usage of the motor is adjusted when the input passes a threshold related to a motor performance parameter. After the mold is filled with a dry-cast concrete mixture a top plate, having mold top wall formations, is disposed over the mold forming side walls with the mold top wall formations disposed inside respective ones of the molds to close the molds.

1459828599-4c142abc-a160-49e8-87f1-a583b898e4cb

A piston for an internal combustion engine has a lower piston part and an upper piston part disposed on the lower piston part. Digital scale and passenger ticketboarding pass scanner are used to acquire the weight and location data, which can be fed to a processor to process the data to determine appropriate weight and balance for each flight and/or transmit data to other systems to be included in their determination of vehicle weight and weight distribution/balance. The notification indicates that the second device can be supplied with a second power using the first set of conductors and a second set of conductors out of the

plurality of conductors, and can also specify the configuration for enabling the second power.

1459828599-6b22f34d-7e6f-4989-be4c-9ecb4512e533

An electrical circuit includes a multilayer printed circuit board and a housing which shields against electromagnetic interference. It may be desirable to allow the user to view various aspects of a measurement system at various levels of granularity. Responsive to determining that the effective data rate is materially different than the current operating frequency, a subsequent negotiation is performed to establish a modified operating frequency where the modified operating frequency is closer to the effective data rate than the initial operating frequency. In an indirect communication mode, the printing device communicates indirectly with the other device. In some embodiments, two shuttles are provided for loading and unloading the plasma processing system. Hangers, embedded in a structural ceiling, that support the beams, are insulated from the beams by the noise dampers.

1459828599-80838ed6-0be5-4cc1-bdac-21ad47ff097e

A method performed by a mobile communication unit when operating in stand-by mode in a wireless cellular communication network. The polishing pad with a plurality of grooves is provided. The water reservoir has a bottom and a side surface constituting a surface of revolution around a longitudinal axis of the reservoir, the reservoir having an outlet port formed at the bottom thereof along the longitudinal axis, for the withdrawal of water from the reservoir, and a circulation inlet port formed in the side surface. The outlet passage may be positioned to communicate steam from the wheel, through the interior of the rotor, and to the exterior of the rotor. The system and method provides an external retainer having supports for receiving at least one artificial compression body and securing at least one artificial compression body in a supported relationship to facilitate reducing load on the one or more natural disks of a patient.

1459828601-28998694-dc05-4e65-90f4-bf9ffeea4e3b

A heartbeat measuring device has a measurement unit that measures a heart rate of a user, and an information storage unit that stores unique information regarding a heart rate unique to the user or information regarding a detected heartbeat of the user. Cutting elements and methods of use are disclosed. A member-receiving passageway 29 is formed on each of the connectors 25 and extends generally perpendicularly to the elongated member 12 upon which the connector 25 is disposed. Actions also include selecting functions based on proximity within a device.

1459828601-3a16ed03-69a0-44d7-b160-a42db859290a

Embodiments are described for a brightness enhancement method, system and apparatus for low power architecture. In response to snooping a transaction on the interconnect, each agent outputs a snoop response. The first tier covering and the second tier covering are coupled to the frame so that an overlapping area exists between the first tier covering and the second tier covering. A first sealing member is provided for engaging the fuel rail outlet and sealing the fuel injector inlet opening from a portion of the fuel injector body. The method for the system including a light source, a detector configured to receive signals from the light source, a transducer that reads signals from a magnetic tape and a plurality of structures coupled to the transducer and configured to pass in opposition to the detector.

1459828601-5f380bb7-9858-433b-aeb3-cbb15ed236b8

A system for applying pressure relief valves to packaging from a liner carrying adhesive backed pressure relief valves passing over a series of rollers in tension onto a peeler bar. A first interface receives a data access request from an application, and a prefetcher reads metadata associated with a file and uses the

metadata to identify further data to be prefetched and placed in storage or memory having a performance greater than the performance of persistent storage. The detonation wave is directed around the first waveshaper surface toward a second tapered waveshaper surface. Compared with a centralized virtualization solution, this solution can significantly reduce management data overhead and thus enhance the real-time behavior of the whole system. The saddle fin transistor of the present invention has a structure in which a landing plug contact region, particularly, a landing plug contact region on an isolation layer is elevated such that the landing plug contact SAC fail can be prevented.

1459828601-6748135a-6368-4e9a-8503-98d084c3d45b

An electric device includes a housing having an indicator window and a visual indicator adapted to emit a visible light signal through the indicator window for indicating a status of the device. The correlation matrix is approximated to a good degree by a circulation matrix that is diagonalized by FFT operations, thus substituting two FFTs and one IFFT having a complexity of  $O(3+2\log^2 N)$  for the direct matrix inversion having a complexity of  $O(N^3)$ . The tubular grip element is axially-slidable for being axially advanced to extend over, and fixedly engage, an outer surface portion of the nut, simultaneously with axial compression of the connector over an end of a coaxial cable.

1459828602-3b959a92-2275-4af4-955c-6d38c85bc1a5

A method of operating a portable composite communication terminal the functions as both a portable phone and a camera. The BLUEBAY-BMP pollution-trap provides advantage of community-tailored filtering stages, the preferred embodiment setting forth a convenient user-friendly prefabricated-kit assembly employing a basic build-in-place containment-housing which can be readily adapted to the studied needs of a given community, without incurring alteration of existing sewer-stormdrains. At least one active element is formed on the body. The method is adapted to test and verifying different power states of the computer system, including Standby, Hibernate, Shutdown, and Reboot, and can be executed without being limited by any computer-specific hardware. These slits and the flat surface or the concave portion are arranged symmetrically in a section of the collector core.

1459828602-ddae07cb-0cf4-4501-b8ec-d970ea783f35

Systems and methods of controlling automatic transmission fluid in a vehicle include torque converter systems generally having a pump, a turbine and a stator. The doser is mounted in a tangential orientation relative to a point defined at an intersection of a doser axis with a theoretical cylinder that surrounds a center axis of the mixer and is defined by a variable radius. A metallic face sheet is secured onto at least one outer face, adding structural rigidity to the multilayer printed wiring board.

1459828602-fa8b3f85-52fd-4119-9600-5fc116aa0f01

An exemplary liquid crystal display device includes a liquid crystal display panel, and a flexible printed circuit joined to the liquid crystal display panel. The engine control apparatus is capable of operating the work vehicle with the importance placed either on amount of work or fuel economy depending on the situation, and preventing the input of excessive traveling horsepower, regardless of a selected work mode, to ensure durability of the traveling power train. An XML processor at the central monitoring system converts the XML document contents and applies them to a standard interface which has previously been available directly to fully conforming components. In response to determining that the data contains the at least one signature, a log is updated. The antimicrobial compounds are of the formula I: wherein R3 and R4 are as defined herein. The deposited film is subjected to a first stage of chemical mechanical polishing with a relatively high rotation speed and a relatively low pressure, so as to eliminate an initial level

difference formed in the deposited film due to the groove.

1459828603-68c39f0e-6d49-4d95-bd4a-d030aec9b0c0

A thermoplastic molding composition suitable for producing article having excellent flame proofing and improved stress cracking resistance is disclosed. The mobile station implements the persistent packet data control channel by mapping the persistent packet data control channel to a packet associated control channel when a packet associated control channel is available and to a virtual associated control channel when a packet associated control channel is not available. Further, information about a projection screen is displayed on an operation display panel during execution of picture projection according to the operation procedure. Particular embodiments of the guide include a flat portion attached to the front of the cutting tool, or alternately, a laser guide rotatably fixed to the front of the cutting tool. An extension CPU is mounted on the sub board through the opening from a rear face side of the main board. The size of the modules are designed to be transported using standard hauling trucks and moved with skid loaders or fork lifts.

1459828603-bc7f22f5-b65c-4d26-8b93-84ced7066d6b

A method of determining the attitude of a spinning spacecraft is provided. The support substrate is then removed from the molded structure to expose the side of the semiconductor dies with the terminals, and a metal redistribution layer is formed on the molded structure and in direct contact with the terminals of the semiconductor dies and the molding compound. The invention further relates to a medical device comprising said adhesive composition. For a right circular cylinder-shaped gain medium crystal, the apparatus includes a first silicon-based manifold, a second silicon-based manifold, and first and second conduit elements coupled between the first and second manifolds. The processor assigns at least some of the deposit portions to at least some of the unaffiliated banks for deposit therein.

1459828604-2f4f51ce-36a4-4722-a7f6-dcb6c96b10d7

A real-time music request system is provided for use with editing tools for the editing of video productions. The archwire, in an as-manufactured condition, has a portion of substantial arcuate extent, which is canted relative to the occlusal plane. The drive train may include a coupling to the housing and, in an embodiment, the coupling may comprise a ratchet coupling. The reactants may be hydrophobic or hydrophilic and present as fluids, solids or combinations of solid and fluids. The locking pin is biased toward engagement with the locking detent such that when the lever is pivoted to the locked position, the locking detent aligns with the locking pin permitting the second end to engage the locking detent.

1459828604-603da745-228e-4917-a1e0-111e2b1eb46e

Techniques are used to store information in a medium such as the memory cells of an integrated circuit, and also retrieval of information from the medium. The invention comprises gripping jaws and a wedge that moves along angled groove between the gripping jaws. This comprises identifying, for an antenna having excessive subcarriers allocated thereto, the subcarriers allocated thereto and reallocating one of said subcarriers as required, said reallocated subcarrier being selected for reallocation on the basis of its impact on transmission performance. When pressurized air flows into the lower air valve, the lower air valve determines that the air go to one of the two towers linked to the other tower by an equalizing slot, causing a difference in air pressure between the two towers. The reference resistance is connected to one of the inputs and the DUT is connected to the other input. In an example, the identified attribute is an indication of the popularity of the content element, such that the protection mechanism is selected as a function of the popularity of the content element.

1459828604-bc958d8f-279e-41f4-ba9d-3947c054bf31

Described are computer-based methods and apparatuses, including computer program

products, for scalable seamless digital video stream splicing. Also provided is a control unit for calculating the fluid level in the container based on the capacitance of the upper and lower capacitors and a dielectric constant of the fluid in the container. In another aspect of the present application, the AlGaIn region is formed by an epitaxial layer overgrowth process. The pulse oximeter may include a processor configured to execute H<sub>u</sub>221e filtering algorithms to estimate physiological data without requiring the variances and/or distributions of measurement and process noise in the signal.

1459828604-d48839eb-24ea-40c2-8623-8d4211ec369c

A dialysis system which does not need to use a physiological saline in replenishing a solution or cleaning and priming the dialysis system, does not need a troublesome setting operation and can easily and accurately set a flow rate of a replenisher solution. The controller is connected to the storage mediums and is arranged to control Input/Output access to the storage mediums. According to the invention, increase of ON current is realized and a circuit operating at high speed can be obtained.

1459828604-ff9650e4-0eae-47cf-816b-14fab3197f87

A method of motivating players to return to a casino includes receiving a request to convert a predetermined value of casino currency to cash. The warnings are filtered to remove bogus warnings, by using constraints from synchronization primitives and invariants that are derived by performing one or more dataflow analysis methods for concurrent programs. The respective means are controlled based on prescription information to attach and detach the rewrite card to and from the side of the carrier. This causes separation in the separation layer by also using the action of the separation acceleration ions. Received data is simultaneously processed to extract synthetic aperture radar images and moving target indication detections. Without the adapter, a sloped plate on the L-shaped member provides added support when a seat, such as when a bucket-type, is employed.

1459828605-4286ba9a-5538-42b2-b2b0-1582f271415d

A problem in conventional electrical color deviation correction is that an awkward step is generated at a border where a pixel is offset by one-pixel-basis correction. The system comprises a robotic device and a remote control mechanism. Other aspects relate to methods of generating a diagnosis, advice, and/or other information. The amplification product is then analyzed by, for example, size fractionation, nucleotide sequencing or. A novel context selection method is used which treats color components and coefficients of different positions differently.

1459828605-5c1a91a4-aa39-4ac4-9207-8f00fefc81b4

A MEMS transducer has a micromechanical sensing structure and a package. The apparatus also includes \u201c\u201d and \u201c\u201d switches, each being disposed at either side of the base member, such that the \u201c\u201d and \u201c\u201d switches are selectively operated according to the movement of the shift-lever. Typically, the polymer has a hydration product of greater than 22,000. The tissue contacting surface of the staple cartridge may be tapered or stepped. The scan matrix controller is further arranged to test each of said matrices according to instructions in the instruction register by applying a test signal to the tested part of the circuitry.

1459828606-1379d43d-62d3-4a4f-9b58-e99629083f2e

Homogeneous preparations of IL-28A, IL-28B, and IL-29 have been produced by mutating one or more of the cysteine residues in the polynucleotide sequences encoding the mature proteins. The source entity includes descriptive text. The printing can be accomplished, for example, using a thermo-print head of the electronic reading device in connection with a thermal sensitive paper. Furthermore, the front surface of the IO integrated circuit is electrically coupled to a top surface of the optical integrated circuit, where the top surface of the

optical integrated circuit faces the front surface of the IO integrated circuit.

1459828606-3c6f0a70-efbf-4f02-9b56-84b74ec66ac9

A dirt collecting system for a vacuum cleaner includes a dirt cup formed with a coarse particle separation chamber and a fine particle separation chamber separated by an apertured wall. Provided herein are alkoxy derivative compounds and pharmaceutical compositions comprising these compounds. A filter member is integral with the assembly and positioned at one end of the pouch. The occluder portions are conjoined at least one point on each portion.

1459828606-42e8f893-cabc-4d3c-ada1-f5d3a4d7daf8

A cleaning tube into which an endoscope is inserted for cleaning is formed with a flexible tube and curled like a loop. If the disk access range contains a defective sector, the CPU suspends disk access when a head has reached the defective sector. The first plate includes a first side, a second side, and a substantially convex surface extending therebetween. A chrominance variation value can be acquired by comparing the chrominance signals of the two adjacent images. A plug poly is formed on the active region between the word lines. CPU of the apparatus controls the apparatus in such a manner that applications of operation members in a current operation condition of the apparatus are effected according to the defining information.

1459828606-ae4486be-03a6-4406-aa81-2eb6ee643b09

A display apparatus comprises a plurality of display panels and a time controller electrically coupled to each of the display panels respectively. The system limits the display of the linear content by determining a time to automatically change the display of the linear content based upon program guide information and other factors, unless a signal is or has been received from a user indicating further interest in the content. Height of the lamination packs is controlled by interrupting the application of glue for certain laminations so that between some of the laminations that are stacked for assembling a lamination pack there is no glue. In addition, the number of sustains corresponding to the rearranged sub-fields are generated.

1459828607-1a3ed204-40e0-4853-84ea-6114abf64074

Electronic transaction data sets are processed for a multitude of disparate transactions using a plurality of autonomous payment networks. In an embodiment, the vias may be formed using a lithographic operation also utilized to form electrically conductive lines in a first electrode layer of the cross-point memory array device. At least either of the oxidizing gas and the reducing gas is jetted into an upstream region S1, a middle region S2 and a downstream region S3, with respect to the flowing direction of the gas, of a processing space S containing the workpieces W.

1459828607-1b52da04-a412-416d-8881-43b9a7ab5227

A method for designing a system on a target device utilizing field programmable gate arrays includes synthesizing a design for the system. The injection port includes a housing, a fluid reservoir defined in part by the housing, a needle penetrable septum, and a tissue in-growth promoting surface integrally provided on an exterior surface of the port. The inclined surfaces are inclined so that the distance falls within a tolerance even if temperature of the object and the plurality of holding members change. The first passivation layer is etched to form contact holes therein to expose a source structure and a drain structure of the transistor.

1459828607-9720c054-3476-48fe-939e-61ede74701f8

Articles of footwear and footwear systems include modules, e. The filter holder housing has at least one concave structure having an upper entrance, a lateral wall having a lower end, an upper bearing zone extending from the lower end of the

lateral wall, and a retaining threshold disposed between the upper bearing zone and the lateral wall. Methods for producing a maize plant that comprises crossing hybrid maize variety X00A034 with another maize plant. The titanium dioxide pigment of the present invention has characteristics peculiar to anatase type, for example, optical characteristics such as bluish color tone and physical characteristics such as low hardness, and furthermore has high opacity which is not possessed by conventional anatase type titanium oxide pigments. The mesh structure includes a layer of flexible dielectric having a first side and a second side, a screen-printed pattern of flexible electrically conductive first circuit lines forming a first resistor network on the first side, and a photo lithographically-formed pattern of flexible electrically conductive second circuit lines forming a second resistor network on the second side.

1459828608-40ae1e14-aac4-4c4a-8d1c-67d5cbb7935b

The invention relates to a coding apparatus for embedding second data into first data without deterioration of the first data, and a decoding apparatus for decoding the coded data to the original first data and the second data without deterioration. A general expression of the codes is described, as well as a systematic criterion for proving correctness and finding decoding algorithms for values of  $m \leq 2673$ . A recording apparatus has laser beam driving circuit means, signal generation means, and signal transmission means for achieving the above recording method. The error in the cellular oscillator may be measured from the AFC operation in the cellular portion of the device. A PC-based power combining and waveguide structure can be constructed in the same or a surrounding structure to combine and guide the shifted radiation to an antenna or exit aperture. The relative angle of rotation of a pivoting inductor assembly is alternately articulated by front and rear guides located within the main housing.

1459828608-fafe8cb2-0247-4e1d-ad7e-975fd9819a58

System and method for providing an interactive collaborative display for sharing electronic data in an educational environment. The device includes a trigger switching module, a firing mode selecting module, a control module, a power module and a motor module. The plasma-generating substrate has one or more flow paths for an exhaust gas. Thereby, the intake pressure can be detected to a high degree of accuracy in a two-cycle engine, for example, which has a relatively low intake negative pressure, while achieving cost reductions. In other embodiments, the mark can be used to monitor aberrations of a lens in an optical photolithography system.

1459828609-51b60907-e348-46ee-af8c-1e3fb56cba9d

An exemplary elevator system includes a first controller configured to recognize a hall call signal that indicates a passenger's desire to board an elevator car at a particular landing. The performance parameters can be correlated to maximum operating frequency of electronic components of the electronic system for the particular age of the electronic system. Each of the fiber optic strands includes a single optical fiber or a plurality of optical fibers to form a bundle. By merging a plurality of SDCs into a single most pessimistic SDC, designers are able to ensure that the device will properly operate in all the defined operational modes. In another embodiment, the present invention is a semiconductor memory device including a memory array comprising a plurality of semiconductor dynamic random access memory cells arranged in a matrix of rows and columns.

1459828609-697687fd-4d19-4bee-9470-043b037ab969

An endoscope has a first bending portion, a second bending portion, and a hand-held unit. The etching composition is particularly useful for the fabrication of semiconductor devices. An apparatus generates a visual representation of the area of interest on the surface of the article. A third angle deviation computation unit computes a deviation between an output value from the differential coefficient multiplication unit and the detected rotation angle of the valve driving motor.

1459828609-c98b205c-c459-4938-b753-70040f1b617f

In some embodiments related to a memory array, a sense amplifier uses a first power supply, e. In certain embodiments, methods of making low-color ester compositions from a biorefinery bottoms stream are disclosed. The synchronization manager uses this timing information to determine an earliest available media stream output time common to each media stream output device, and synchronizes the output of the media streams by providing each stream to its associated output device at the earliest available common output time. The strap is proximate the base member and the clamp member and has at least one strap-fastener orifice.

1459828609-fc153a3f-de9c-4b62-bd71-843daa10553d

A method for distinguishing recipients of electronic communication on a data processing system utilizing the recipient's electronic addresses. By coordinated rotation and delivery of disks taken from a linear disk storage bin, both sides of a dual-sided optical disk can be automatically accessed. In particular, the compositions and methods provide a more sugar-like temporal profile, including sweetness onset and sweetness linger, and/or a more sugar-like flavor profile, including osmotic taste. Then, if this set includes at least one uplink component carrier comprising an uplink shared channel, one of these at least one uplink component carrier comprising an uplink shared channel is selected for transmission of uplink control information in that uplink shared channel. Each lip seal includes a seal portion disposed to seal the orifices in the presences of liquid. The apparatus comprises a first and a second control unit, four serial buses for performing serial data communication between the both control units, two pull-up operation units for continuing control voltage of the serial buses at a certain level, and a control voltage matching unit for continuing voltage equilibrium condition.

1459828610-1477b471-4bb1-4cb7-a1f7-c99a7a7d2219

An apparatus and method for controlling a compressor are provided. In a medium that records/plays back data including video data and control information, the control information includes information for accessing a specific portion of the video data. The sheet may be fixed in the extended position or may be selectively retractable and extendable. Other aspects and embodiments are provided herein. The single analyzer color switch according to an embodiment uses a split-path so that relatively weak colors can follow a \u201chigh-efficiency\u201d path.

1459828610-2fd9392f-7380-4ec4-bfaa-f4c293461712

A vascular impedance measurement instrument includes a transducer to obtain a digitized arterial blood pressure waveform. In one aspect, the method involves removing the existing OPC drum without detaching the end caps and installing a replacement OPC drum without disturbing the end caps. The substrate includes a sensor that is tracked by the surgical navigation system and a positional device that determines the position of an anatomical structure relative to the sensor. The graphical representation of the unstructured data source may be generated using data extracted from a web based document. A report is then received in accordance with the choice.

1459828610-a7440500-9a23-4138-b1ba-030fc2bf7acf

A method and apparatus for determining electrical parameters for commissioning a sensor-less permanent magnet synchronous machine uses knowledge of the rotor position to apply balanced pulses along the rotor magnet axis and perpendicular to the rotor magnet axis allowing measurement of q- and d-inductance at multiple current levels without substantial rotor movement. Each resource server registers, with the OAuth authorization server, metadata for that resource server, indicating scopes that are recognized by the resource server. The apparatus further includes a chamber wall that defines a chamber in fluid communication with the fluid input or output of the pump, with the chamber wall absorbing vibration from the pump when the pump is operated to output fluid at its fluid output. The outer periphery of



the shaft portion except for the connection ribs is arranged within an inner side of an inner periphery of the elastic locking members, such that the locking leg can pass through a mounting hole of a panel without the outer periphery of the shaft portion contacting the inner periphery of the elastic locking members.

1459828611-03ef4ae8-c48f-4864-b0aa-15642267f822

An imaging millimeter wave radar system. The monitoring tool also includes a graphic interface which may be utilized to define and associate performance operational rules of a website being modified or created. A drive mechanism is connected to the slide plate and supported within the plenum, and is operable to translate the slide plate relative to the plenum to convey the acquired sheet while maintaining the vacuum through the apertures. The plurality of pins is interlaced to each other, so that a line along a specific direction will only pass one of the plurality of pins at most.

1459828611-145d133b-0708-4fc1-8a7b-b805feae5cf0

Two byte domain name server system is discloses for obtaining an IP address corresponding to a domain query in a language other than English. An oxide semiconductor layer including a crystal region in which c-axis is aligned in a direction substantially perpendicular to a surface is formed and an oxide insulating layer is formed over and in contact with the oxide semiconductor layer. The control circuit periodically and alternately couples one of the two ends of the solenoid to ground via the output port under the control of the clock signal. Preferably the cards are automatically placed into the melds by an Optimum Expected Value function. The client compares the first map to a second map that corresponds to the application currently installed on the client to determine that one or more data blocks corresponding to the upgraded version of the application are not present in the application currently installed on the client.

1459828611-669971a2-ebe2-4cf0-bc7b-9346b957e564

Methods and apparatus uniquely distinguish one file from another in a file system. The delay circuit section provides a plurality of delay clock signals that are obtained by delaying a clock signal with a different delay amount. The device is mounted to a mirror or window and is positioned such that the heated air flows upwardly across the mirror or window.

1459828612-31d604a4-d846-4f85-9621-b41e8647a044

The rubber-blanket plate comprising a carrier plate on which functional layers are arranged. Further, the reaction is carried out in a solvent system common for the whole reaction sequence and inert to the reactants formed during the process and used in the process and comprises a water immiscible organic solvent and a specified amount of water. One or more frequencies that comprise the tone to be detected by the tone detector are attenuated/removed from the near-end speech present on the send path of the device thereby preventing the near-end speech from talking-off the tone detector.

1459828612-b8ae8ed0-3f4a-4bd7-b458-513ba3528e08

The leak detection device comprises a plurality of measuring cells in whose interior the absorption of a laser beam is influenced by the presence of tracer gas. The priority of the audio streams are defined by a content creator of the application. In some embodiments, each of the first and second wheels can be coupled to the at least one front beam and at least one biasing member can be associated with each of the first and second front wheels. The second focus feature may be focus sensitive or focus insensitive. In some embodiments, the conductive region is selectively enhanced by the aqueous solution. A check valve 16 is inserted between the both syringes, and the check valve 16 works so as to prevent the gel 10 from flowing back to the charging syringe 15.

1459828613-84802111-b38f-4fc8-990b-00be734855bb

Each second electrode formed on a second main surface of a compound semiconductor layer of a light emitting device has an alloyed contact layer disposed contacting the second main surface, aimed at reducing contact resistance with the compound semiconductor layer, and a solder layer connecting the alloyed contact layer to the conductive support. The system includes a rectangular integrally formed resilient frame defining a cavity in which the heatsink is contained. The invention further discloses therapeutic, diagnostic and research methods for diagnosis, treatment, and prevention of disorders involving any one of these novel human nucleic acids and proteins.

1459828613-e53e9966-ce6b-4c9e-ad42-247fc0063c59

An apparatus and process using a high-power, short-pulsed thulium laser to output infrared laser pulses delivered through an optical fiber, for cutting and ablating biological tissue. The compound of the present invention has HIV integrase inhibitory action and is useful as an anti-HIV agent for the prophylaxis or therapy of AIDS. These steps can occur in either order. Preferably, the fuel supply stoppage section selectively sets the specific delay time to a different delay time depending upon the detected operating condition detection, e. A method for determining a physical position of a flight control surface of an aircraft is also disclosed.

1459828613-f8fb46e3-aee2-4dd1-99be-0813837221d9

Oxygen scavenging can lining materials are disclosed. The first to fourth switches are turned on and off by a switch drive circuit so that the period of time in which the first and third switches are on and the period of time in which the second and fourth switches are on alternate. Acceptable elastomeric polymers include, but are not necessarily limited to, styrene-butadiene copolymers. A wire driving member for advancing or retracting the control wire is provided in a control part connected to the proximal end of the insert part.

1459828614-5669f5d5-e33e-4028-9adb-1aae92ed1eb1

For quasi-orthogonal multiplexing in an OFDMA system, multiple sets of traffic channels are defined for each base station. The pursuit block pursues the movements of a target object. The spring component is attached only to one of the first attachment structure and the second attachment structure, and the piston component is attached only to the other of the first attachment structure and the second attachment structure. In one embodiment this frequency control component may vary in proportion to the switching frequency commanded by the hysteretic current control loop. A liquid crystal display device is thereby obtained according to the present invention, in which highly reliable ground connection is realized even when used in an environment subject to frequent vibration. The processor further executes logic configured to constrain the relative location and width of conductors in the integrated circuit.

1459828614-7a419df0-22dc-4b81-9c12-936c0e0f9c23

An aircraft docking system is configured to be located at a docking site. The digital signal processor also includes a programmable network that may be configured to selectively provide connectivity between the memory units, the accelerator units, and the processor core. A first global positioning system generates a first position signal corresponding to a position of the first vehicle.

1459828615-7fb3f593-b7cf-4fdf-b070-4b7d43db1913

A technique of setting powers and shape of beams to allow optical solitons to exist on WDM beams in fibers. At least the contact is composed of a fully silicided material. Therefore, the just-described reflected portion of the probe beam is interfered with a reference beam formed by a portion of probe beam reflected by the front surface of the semiconductor material, and phase and amplitude of the interference signal resulting therefrom are both measured. When there are continuously present a predetermined number of sections or more where a proportion

becomes a predetermined threshold proportion or more, the sections are detected as an MSK modulation mark. Since the liquid of the resist, of a higher fluidity, penetrates in every hole and corner between the adjacent conductive lines, the gap defined between the adjacent conductive lines is fully filled with the insulating material. An electrical connector having a ring is coupled to the body over the post to provide an electric path of conduction.

1459828615-da8db286-3863-46a2-8775-ca79b7037192

Proposed is a method for collecting valuable metal from an ITO scrap including the steps of subjecting the ITO scrap to electrolysis and collecting the result as indium-tin alloy. This low-power local-area network enables sensors on an asset to transmit sensor data to a mobile terminal affixed on the asset. In addition, a solid support for binding with nucleic acid as another embodiment of the above-described solid support, comprises a polypeptide having capability of binding with nucleic acid which is immobilized on the surface of a carrier. Under broadcast control, local computers, combine user information selectively into prior art communications to exhibit personalized mass media programming at video monitors, speakers, printers, etc.

1459828616-53241ead-c448-4b0c-a9c4-bce51ac1b081

The invention relates to processes for preparing 2-aminomethyl-4-cyanothiazole and its salts of the formulae Ia and Ib . A workpiece transfer device for part carriers or workpieces is arranged in the production cell which workpiece transfer device forms a supply position and a delivery position. A fixation mechanism is formed on or integrally with the lead body proximal to the electrode array that is adapted to be implanted in and engage subcutaneous tissue, particularly muscle tissue, to inhibit axial movement of the lead body and dislodgement of the stimulation electrodes.

1459828616-a874435b-07c5-4fb0-97f4-435acf6f8e61

A method and apparatus for selection of one or more ventricular chambers to stimulate for ventricular resynchronization therapy. The user wears a power transmitting unit 303 by hanging it from his/her neck, for example. The dome has a plurality of panels arranged around a perimeter of the dome. The phase shifter is a transmission line element connected to the input signal. Arc voltage measurements can also be used to determine one or more parameter of the welding wire.

1459828617-08030e0b-d573-4796-9a05-d976f93445f0

An apparatus for imaging a tooth having a light source with a first spectral range and a second spectral range. In order to initiate a purchasing session, consisting of one or more purchasing transactions, the purchaser authenticates himself to a home provider computer which then allots an anonymous client identifier to the client for the purposes of that session. For a proper reconstruction of the structure in the volume of the sample it is important that the measurement geometry be known; therefore it is important that the images be properly aligned. Similarly, silence can be modeled using an ergodic HMM model. An average path length is calculated based on at least the first and second path lengths. The air quality containment unit contains dust, molds and other air-borne pollutants using a filter, such as a high-efficiency particulate air filter, to maintain a negative air pressure in the unit.

1459828617-13f791c6-3174-4f5b-a01b-8911313256dc

A physiological measurement system can include a low noise patient cable that connects a monitor and a noninvasive optical sensor. Language constructs allow fine grained access control restrictions to be specified on the access to data in a table at the level of a row, a column or a cell. The no-power optical group includes the wavelength selecting device for making short wavelength light be selectively substantially non-transparent. A determining is made of whether or not the packet originated from the keyboard. The high pressure package is especially

well suited for producing a food product having an effervescent sensory character.

1459828617-70664b53-9a02-4b8f-8cd1-0f1911f37714

A system provides interaction between graphical objects and a managing application by detecting that movement of a first graphical object relative to a second graphical object on the graphical user interface is within a spatial proximity. The method also includes, in the event that the verification agent is able to invoke the verification platform API, performing remote verification of the verification request via the verification platform. The DC continuity component could be either an external component, the power transformer winding, or a device power input DC impedance. The fastening seat has a guiding groove facing the armrest and the guiding groove is formed with toothed portions. The dentition cleaning device is adaptable to water assisted tooth cleaning system and motorized electric teeth cleaning systems.

1459828617-e3facb5a-6820-4109-b9c7-9685c26fca1b

A thermoplastic composition comprises polycarbonate, an impact modifier having a pH of about 3 to about 7, and a flame retardant essentially free of bromine and chlorine. A stepped portion of the lead frame mechanically and electrically interconnects the low-side and high-side lands. The system first captures packets from a transport layer of a network of computer systems, then decodes the packets captured to determine the destination IP address and the source IP address. A lead frame structure may be divided into first and second portions. In this way, the error between the data filtered by the time domain equalizer filter and the data filtered by the target filter may be reduced, so that a shortened channel may be provided. The support structure can include an integrated heat sink in thermal communication with the array of LED emitters.

1459828618-02566286-12c8-4d3a-8575-c294eb8e102b

A vehicle driving operation support apparatus for a vehicle, includes a sensing section to sense a traveling condition of the vehicle including a surrounding condition inclusive of an obstacle around the vehicle, and a control section to calculate a risk potential for the vehicle in accordance with the traveling condition. The retaining pins can be easily screwed in and out of the socket. The buffer is configured for insertion between the femur and tibia so as to at least partially prevent the bones from contacting each other, which reduces the pain and discomfort associated with a loss of articular cartilage. As a result, the yield can be increased. The innerliner rubber composition is comprised of at least one elastomer selected from bromobutyl rubber and chlorobutyl rubber which also contains a dispersion therein of pre-cured diene-based rubber particles.

1459828618-19124d89-ca5c-41b1-9160-db95b6b43264

Process for preparing purified citalopram or one of its salts that comprises the purification of citalopram by selective extractions of citalopram or of its impurities with organic solvents and water under specific conditions of pH and temperature. The cell layout also includes a gate electrode level layout for the entire cell defined to include linear-shaped layout features placed to extend in only a first parallel direction. The polyacrylonitrile is dissolved in the solvent to form a polyacrylonitrile solution.

1459828618-2f0e9460-c6ee-4c91-92f0-8223c1e087f3

The invention relates to a method for obtaining an ammonium carbamate solution from a gas mixture that contains more than 40 wt. Each section has a linear edge defining an axis about which the sections are pivotal. If the distance is greater than a predetermined clearance requirement, a via is placed within the interior of the nearest bottom pad; otherwise, the via is placed exterior to the nearest bottom pad. The model is adjusted, the expected responses are recalculated and the differences are again determined.

1459828618-44c3b826-a757-48e1-935e-060be51e11ad

A semiconducting device with a dual sidewall spacer and method of forming are provided. The peripheral input device includes a computer selector for selecting one of the plurality of data processing systems for interaction with the peripheral input device. A distance from a virtual reference plane to each planar area is adjusted on an area-by-area basis.

1459828618-5564af62-6dbd-480d-860a-c33e7f3fc55a

In a storage system, a storage apparatus has an encryption key generator and an encryption processor that encrypts data to be recorded in a storage region using an encryption key from the encryption key generator, and is able to change an encryption key for each divided region set in the storage region. During operation, the system receives a color profile comprising a lookup table which defines a conversion of color coefficients between a source color space and a destination color space, wherein the source color space includes a black color channel. The grooves in rotor and/or the port opening cross sections in stator and the rotational direction are selected such that fluid flows from grooves under high pressure in the direction of narrow, substantially pressure-free ports are avoided. The plurality of misconnection-proof keys are each inserted with the long arm into a slot formed at a predetermined position between the insulating block and the metal shell until the removal preventing protrusion is fitted in a removal preventing recess or aperture formed in the slot so that the short arm of the key extending outwardly of the slot.

1459828619-8a687b8c-4dc3-4721-a487-85727da0e3e9

A device enclosure includes a clad metal shell having a plurality of mounting structures attached thereto. The device preferably includes a hub and a catheter with the hub having a first port and a second port. Load cam discs, a torsion disc, rolling elements, and a hub cap shell are configured to generate axial force, transmit torque, and manage reaction forces. The digital to analog converter receives a signal from the microprocessor indicating a current value. This jet can also provide stagnation pressure in the exhaust lumen which drives the tissue or thrombotic debris out of the exhaust lumen.

1459828619-bc69eef7-7bdc-44fe-a85a-2ce0b7c36206

Proposed is an apparatus for the spray treatment of printed circuit boards. The ink jet head includes: a nozzle which ejects the ink droplets; an ink chamber which stores ink to be ejected from the nozzle; and a piezoelectric element which causes the ink droplets to be ejected from the nozzle. Provided that the formula for spacing the afocal variator within the optical system is utilized, the afocal variator acts not only to focus the optical system but maintains substantially constant magnification during the translation of focus. If the hardware target is a semiconductor chip, the invention selects the appropriate IP and creates an HDL description of the chip. a non-secure data channel, toward a receiver control module; the sender control module generates authentication data of the first stream of data; the authentication data are transmitted from the sender control module to the receiver control module on a second channel, e.

1459828620-37e531ce-c9ac-4449-b496-fd893ed04360

A system and method are disclosed for ordered execution of actions in a game environment is disclosed. The scraping ring frame portion is disposed to be near the surface of the sphere as to scrape foreign matter on the surface of the sphere. The lid can be joined to a base of a package at a low temperature, thereby reducing vaporization of solder components and adhesion thereof to electronic devices within the package. Thereafter, valve members are opened allowing plastic to be expelled into one or more secondary cavities, or to be expelled back into the machine barrel.

1459828620-433189d4-b81d-42c4-b684-b770c0ccbe37

A dishwashing machine equipped with a washing compartment and with devices for washing dishes using a washing solution also includes a sorption drying device which is connected to the washing compartment in an air-conducting manner and which comprises a sorption column containing reversibly dehydratable material, this sorption column being used for drying the dishes. The assembly includes a locking mechanism and a lap bar pivotally mounted to the locking mechanism via a support shaft. The present invention preferably uses the IEEE-1394b databus due to its unique and specialized low latency, shared bandwidth characteristics. This changes the coupling efficiency between the first optical fiber and the second optical fiber, allowing an adjustment in light power. and the olefin content of the feed is above 25 mole-%, relative to the total feed. The fiber management structures each include channels extending between opposed first and second ends.

1459828620-467f17ff-2bd7-4e15-9377-98f76fa9839a

A formulation which promotes gum and oral health through the presence of natural components exhibiting astringent, antiseptic and local stimulant effects. The multi-touch orientation sensing input device may include a device body that is partially enclosed or completely enclosed by a multi-touch sensor. The cable terminal includes a coupling member that has first and second coupling ends. An inlet port is in fluidic communication with a supply of an aqueous ozone solution to supply the aqueous ozone solution to the conical-shaped surface. In this manner, power management can run more smoothly and efficiently compared to conventional means of power management that ignore data from a scheduler when determining power management policy.

1459828620-55e256e7-051e-4712-984e-61d167454f61

One embodiment of the present invention provides a system that learns a generative model for textual documents. The terminal end may be positioned in the tight gas formation. The invention includes various therapeutic methods and screening methods for identifying antioxidants. The metal plate filled in the opening portion and the upper conductor are joined by plating by using the upper conductor or the lower conductor as electrode.

1459828621-1d5cd8f6-70aa-4317-b2c2-62cb5b1398ef

A combined ceiling fan and light fitting having folding fan blades is provided. Correlation methods for comparing lower-value sequences by first coding to higher value sequences and then calculating a correlation number are also disclosed. 9, and a ratio of a length of the overlapped portion to the length of the floating pattern is 0. The theater seat assembly may further include each one of the seat portion and the back portion having a frame, a cushion disposed adjacent the frame and a trim cover covering the cushion and attached to the frame. This invention further relates to soybean seeds, plants, and plant parts produced by crossing the soybean variety XB10G03 with another soybean variety preferably as part of a breeding program. The invention is also a method of treating molds, comprising the steps of exposing a mold to a high intensity UV radiation for a predetermined time.

1459828621-8e236c9c-9184-4700-923a-445a038a0740

A memory array used in the field of semiconductor technology includes a plurality of memory cells, bit lines, word lines perpendicular to the bit lines, and first/second control lines. The meta information includes information relating to the multimedia content including a content ID and a terminal ID of a terminal that stores the content. The heating element assembly may have a head portion larger than the securement opening, and an electrical resistance heating element comprising a continuous coil.

1459828621-dafe5b60-7ae3-4e7d-9ad3-76544215a181

The present invention relates to a digital data play back apparatus for converting a digital data a signal read from a recording medium by sampling in a clock cycle, equalizing this digital data to a waveform which agrees with a partial response

class on the basis of the clock, and detecting data on the basis of the clock with respect to the equalized signal waveform. The image forming apparatus includes a plurality of developing units. The base station control apparatus includes a handover control section determines a handover base station to be handed over by the mobile terminal from the base stations, and directs the mobile terminal to hand over to the handover base station. Further, significantly all of the at least one composite sourcedrain diffusion region is below a bottom surface of a gate of the PFET.

1459828621-eec52baa-9fb8-478f-bf4a-8f89f37a63a3

The present invention relates to methods and systems for providing printing services over a communications network. The methane gas replaces the solid carbon charge material used in prior art sintering methods as the source of gaseous carbon. The electro-therapy can be a pre-programmed anti-tachycardia pacing therapy, a shock therapy, or no therapy at all.

1459828622-2ec7d03c-e5d0-405a-8cda-f1087ab023ae

Calibration of a sensor circuit that includes a sensor, a temperature measurement circuit and a signal processing path. An interface transfers the evaluation signals of the sensors to the control electronics of the transmission actuator. Instructions stored in the memory implement a method of determining whether a current power allocation grant for a flow on the access terminal has been received from the access network. Furthermore, voice models in the voice recognition device are modified by the set-up device. A channel voltage boosting of each of the channels is determined according to data loaded in adjacent page buffers.

1459828623-13e4103c-1111-47b9-8ed2-f42a5332678a

An electronic apparatus includes terminals, each being based on a specific standard and being used for communicating with an external device. By a simple immunological measuring method, human TS in a sample can be measured with high sensitivity. Intermediate compounds useful in preparing the compounds of Formula I are also disclosed. In one alternative, the method further includes receiving a new task priority for the first task, assigning the new task priority to the first task and assigning the new task priority to the at least one sub-task of the first task. Individual substrates, without carriers, may be similarly loaded and/or unloaded from a conveyor.

1459828623-3a8cdbf1-3e3a-47f2-a8ea-a4fed0df26da

A mechanism for securely transmitting credentials to instantiated virtual machines is provided. The fuel is compressed by a pump, and a pressure variable characterizing the fuel pressure is determined. The wax containing the oils is separated from the aromatic-containing solvent and is further processed to separate the waxes and oils.

1459828623-bcea1fd2-01df-4fb5-bede-c509d78eb453

An apparatus for analyzing the amount of gas in a solid sample such as a contained oxygen analyzing apparatus and method utilizing a preliminary reducing furnace which can be connected to an analyzing furnace by a transfer unit. Specifically, a set of lookup keys is selected such that the number of reference fingerprints such that the clumping associated with the associated each of the lookup keys is minimized. There are three flange members 14 provided, two of which are permanently affixed to the screen guard 12 and the third, a removable flange 26 having a captive fastener 28 for the securing and removal of the screen guard 12 from the lip 16 of a heat lamp 18. The mode-expanding layer has a refractive index that is in-between a refractive index of the tapered optical core and a refractive index of the optical cladding layer. The ends of the cells are attached to a holding plate by thermal adhesion or heating and flaring.

1459828623-bf7ccb8f-2696-4997-a638-2c9e17553068

A system and method for modeling of complete tooth, including root and crown, of a patient to facilitate orthodontic treatment are provided, wherein generic tooth modeling is combined with tooth crown modeling for a patient to yield complete tooth modeling. The controller also outputs a command identification signal for identifying command data, to the data line drive circuit through a th data output terminal. The AWR is advantageously designed to be lightweight and to self manage its use of storage space so as to avoid ending up with a repository of performance data that is larger than the database that it is capturing data about. The pair of column sections extend from the rear surface section along the end surfaces on the coil end side of the teeth, while keeping spaces between the column sections and the side surface sections so as not to disturb deformation of the side surface sections. At regular intervals, a new insertion point is placed at the top of the LRU list, and at the tail of the queue. An epitaxial wafer for a field effect transistor comprising a buffer layer 2, an active layer, and a contact layer on a semi-insulating substrate 1 from the bottom, and the buffer layer 2 includes a plurality of layers, and a p-type buffer layer composed of p-type AlxGa1-xAs is provided as a bottom layer 2a.

1459828624-24d47914-ef4c-48d9-b151-d3324aedfd96

The present invention discloses a general access system for access to communication services, such as telecommunication, data communication and distribution of TV and radio. The callback server monitors terminals that have such flags set and is arranged to transmit an alert to the calling party when the called party next becomes available. The guard includes a grip and an opening to provide access for cleaning.

1459828624-2c5b2bf8-2277-40e7-b378-fd2de041e048

There are disclosed a rolling mill capable of keeping a uniform plate of thickness distribution and manufacturing a good-quality plate, and a rolling method. The planetary gearset is connected to the shift element in a detachable manner. The paste can also be used to form the collector lines on the front-side of the solar cell and the emitter electrode on the back-side of the solar cell.

1459828624-4a4ab1ff-fe1b-4e51-ad5c-6282175659fb

The present disclosure provides for a system and method that intensely oxidizes water as it navigates through a system and accurately, controllably neutralizes the oxidation by-products before the water exits the system. The inner housing is secured in the outer housing, and the inner housing is divided into multiple chambers each for receiving one newspaper. The systems includes an input processor for receiving a user entered search information item identifying an object associated with at least one of the hierarchically linked documents.

1459828624-bf1dd729-be74-4847-b54a-278c3fc8cbcb

A household appliance system and method include an appliance control system having a common appliance interface provided on an appliance and a demand side management module connected to the common appliance interface. Further, the phase controlled dimming driver circuitry applies amplitude modulation and pulse width modulation substantially simultaneously to the output current provided to the light source. The portable ultrasound system also includes an ultrasound transducer having a piezoelectric component and a lens component.

1459828624-c56fdd0c-04e1-4640-9a40-e208fc924560

The present invention relates to an image forming apparatus that enables the occurrence of print defects due to a first print start time delay to be eliminated without using a temperature sensor that has a small thermal time constant. Each of the contoured segments includes a contoured portion having a either different or substantially equivalent angular and/or convergent configurations disposed along a length or height of the ankle area. 1 parts by weight of a flow adjuster.



1459828625-017aab6b-9708-4eda-8197-9d9c397d35de

The invention relates to the soybean variety designated A1035869. The arrays of patterns are displayed on a computer display. The switch lever is slid to tilt the lever to an ON position or an OFF position through a sliding operation of the switch lever from the outside.

1459828625-996b358a-8283-4c2b-8b6a-d122f2f0440b

A flexible, flame-retarded, polyurethane foam comprising brominated and/or phosphorous flame retardants and an acid scavenger. Means are mounted to the vehicle for collecting multiple soil probes. Further, the apparatus comprises an envelope tracking path comprising a variable delay module and a power supply module. These large multi-point segments in turn are linked together to create the shorelines for rivers or coastal areas. In order to enhance the digital imaging procedure, the person may be instructed to move to a selected position. Each of the two faces of the open/close plate opens and closes each of the corresponding opening sections that face the respective two faces of the open/close plate.

1459828625-c3d386fd-4ffc-4a81-9c1d-3abd42700c32

Methods and systems are provided for detecting dead tunnels associated with a VPN. The extract comprises alkaloids, coumarins, saccharides, proteins, polysaccharides, glycosides, saponins, tannins, acid, flavonoids and others. An amplifier is connected to receive a first analog signal on an input terminal, the first analog signal being generated by the capacitive transducer, and to generate a second analog signal on an output terminal. Further, the signal is wirelessly sent from the handheld programming device to the communications receiver, and the instruction is transmitted from the communications receiver to a device in the system. The sleeve includes parallel, circumferential rings and grooves utilized as attachment points for mooring ropes. The core region of the optical fiber further comprises multiple sections, each doped with rare earth ions.

1459828626-05c99192-1976-42c6-9f59-0b8c17c5b739

A suppressor grid is configured proximate to an anode to produce a suppressor electric field selected to provide a force on an electron in a direction pointing away from the anode, wherein the suppressor electric field is further selected to pass electrons from the suppressor grid to the anode. The control panel includes a housing defining a recess formed therein. The parasitic capacitor between the gate line and the data line can be reduced. The actuator moves the first and second collars along the output shaft. The flex circuit may be aligned using tooling holes in the flex circuit and substrate.

1459828626-0d68d232-6a6d-4550-aece-2abadb7ca190

According to one embodiment, a magnetic resonance imaging apparatus includes an imaging condition setting unit and an imaging unit. In the event that such relatively reliable AV conduction is not present, mode switching to a DDDR or a DDIR pacing mode while continually biased to mode switch back to atrial-based pacing. The at least one toric element compensates for a tilted folding mirror positioned on a side of the sampling chamber opposite from the emitter and the detector.

1459828626-7dd73b03-9a8d-4d5c-afb7-98c2d84934fa

Biological agents such as secretory cells are encapsulated in a hydrophilic gel made of agarose or collagen-agarose and gelatin sponge-agarose combinations. The absorbent solution is used to deacidize a gaseous effluent. The staircase includes multiple stair elements and a state actuating system. Connection attempt results are obtained by for at least some of the connection attempts, tracking which resulted in success and failure.

1459828627-375cde13-c474-4635-97b3-f9f0561aa398

A protective cover mechanism for a port of electronic device, includes a latching

element and a cover element. Using, among other things, text provided by a user's query, the system undertakes a dynamic search process that includes at least one ordered sequence of searches. On the heat sink plate 14, a work-hardened layer 16 is formed by shot peening. The feedback circuit is connected between the output end and the feedback control end of the switching circuit for controlling a duty cycle of the switching circuit depending on an output current of the output end to keep the output current constant.

1459828627-3e9e0883-633f-42da-b48b-896fbec4d334

A structure and method for fabricating integrated circuits with improved electrical performance. The screw portion includes a retention thread extending at least part of a length of the screw portion and a tip at a first end of the screw portion. Images acquired in the same image importing session are marked as coming from the same conceptual film roll. The initialization cycle of the detailed memory loops and continues until a command is received from the host controller and is immediately available for access. The request for the content is received from a user equipment.

1459828627-43042099-4a9d-4225-8d2a-c2363bbb5ca5

In a conveying cart, a front side wheel for supporting the conveying cart is provided with a travel driving unit, and a rear side wheel for supporting the conveying cart is provided with a travel driving unit. Also included is an organic polymer composition for use in forming a cross-linked organic polymer, comprising a cross-linking compound of Formula, a cross-linking reaction additive and at least one organic polymer. Document ranking is mediated by tags that identify the subject matter addressed by an associated document as the ranking mediators for computing content quality scores values for user and reviewer activity. The movement of the wedges alternately opens and pinches-off a deformable conduit in which the product flows.

1459828627-449966e5-e496-4106-ae94-37415b33df88

A cache memory comprising: 1) a tag array comprising a plurality of tag entry locations that are accessed by R of the M least significant bits of an N-bit received address and stored an address tag comprising the most significant bits of the N-bit received address. The additive is one which increases the \u201csoft phase\u201d of the composition making it possible to produce moldings with improved toughness at low temperatures, without substantially changing the melt volume rate. The one or more manipulated variables may include a nitrogen flow associated with the nitrogen cooling loop in the natural gas liquefaction train. The latching system is adaptable to a vehicle defining a continuous access opening closed by independently openable and closeable doors.

1459828627-58b17be0-2753-420c-a3a7-d678f48512d4

A SAW filter includes a plurality of IDTs arranged on substrate along a SAW propagation direction, and balanced signal terminals connected to an IDT. The generator includes a core and lead wires encapsulated in a dielectric medium to isolate current-bearing components from the motivating fluid, thereby preventing carbon bridging and reducing the explosion hazard when the motivating fluid is a hydrocarbon. Further, the method includes delivering, through the hypervisor, an interrupt from the GPU to an appropriate VM based on inspecting the memory page associated with the work completion by the each of the number of VMs. Next, the system computes a running average of the measured variable across the plurality of specimens.

1459828627-ff58f448-fc73-4cf8-9026-063bd1351c98

The invention relates to a method for protecting data during a self-test of a microcontrollers, in which all of the circuit elements within the microcontroller can be tested, where the course of the self-test cannot be altered via the external pins, and no intermediate results are passed to the outside via the pins. The power

amplifier may be configured to generate an output signal in response to an input signal and a control signal. The wireless communications system can independently determine a second set of serving base station for the call using information known at both the wireless communication system and at the wireless unit before the communication link was severed. The contactor is provided with a spacer that spreads the hollow fibers adjacent an inlet to the shell, thereby permitting liquid flow at desirably high flow rates with acceptable pressure drop through the shell.

1459828628-42e7d148-1ead-4ecc-8e75-822c347cdb52

Methods and systems are provided for improving frame selection in wireless communications networks. The supplemental tailgate assembly is able to provide bed extender, box extender, step assist, roof rack, cargo storage area, and box divider functions. A voltage which is generated across a resistor and has a positive temperature coefficient is determined based not on the power supply voltage but on the power supply voltage, and hence the voltage does not depend on the variation of the power supply voltage. The concentration of the charge transport component in the charge transport layer is at a peak in a region of the charge transport intermediate the first and second surfaces of the charge transport layer.

1459828628-4d4c177b-e1af-43f5-a57b-8d759cc501ab

A provisioning server can provide and interact with a firmware tool on target machines. The system includes a signal supply component that provides electrical and/or data signals to a signal consumption component that utilizes the signal to provide an output. The dynamic quest includes quest tasks and quest rewards, which are provided to a player upon completion of the quest tasks in the game. At least one chemical moiety that prohibits recrystallization of the at least one denatured portion to which the at least one chemical moiety is attached is attached to at least one nucleotide in the at least one denatured portion of the at least one double stranded DNA molecule.

1459828628-777cb858-0849-4e51-b6e8-48672d9963f0

There is described a box or an insert for a box made up of elements, such as cover element and a bottom element both of which are made of molded plastics material and which are hinged to each other means of a hinge. Second ends of the laterally extending conductive elements are structurally and electrically coupled to bond pads on or in an active surface of the first semiconductor die. The first spring loaded spool and the second spring loaded spool are disposed on opposite sides of a common open area. Because the gas room crosses the longitudinal frame and extends in the width direction, an air bubble flow with a wide width forms in the width direction by the single gas room.

1459828629-028f0826-0c20-4a47-b1d4-77441422140b

A miniature PMDC motor 10 has a permanent magnet stator comprising two arcuate ceramic magnets 20 fitted to a can-like housing 11 and circumferentially separated by interdisposed rubber magnets 21 wedging or nipping the ceramic magnets 20 in place within the housing 11 without the use of circumferential magnet stops formed in the side of the housing. The labeling reagents can take the form of cyanine dyes, xanthene dyes, porphyrin dyes, coumarin dyes or composite dyes. Such an angle of approach enables the wheel to grind the annular shoulder of the workpiece simultaneously with grinding the cylindrical portion. The second branch predictor generates branch prediction data at a later time and with higher prediction accuracy.

1459828629-bd9d9b97-4863-471b-9836-2d180aeb549f

Glass is provided so as to have high visible transmission and/or fairly clear or neutral color. The apparatus generates relation class information that defines, in association with the first configuration groups, first one or more message propagation relations. When a relay connected to both the terminals of the diode is turned on, substantially equal amounts of positive ions and negative ions are

generated, and a bacteria removal/disinfection effect can be obtained by emitting these positive ions and negative ions into the air. Said invention also relates to a method for compressing 3D binder with the aid of an organic solvent having a water content less than 45% and to sintered bodies, in particular for moulding or precision mechanical engineering, which are fixed to each other by sintering or glass formation from a fine grained material. The first power supply module supplies power for the handle.

1459828629-d98fa2c4-fe0d-4e9a-84da-61ec15046de1

In one or more embodiments, a flip ahead input, such as a gesture, provides touch users with an ability to easily navigate various websites. An electrically conductive material comprising a plurality of electrically conductive metallic particles and a polymer is applied to a corrosion susceptible region of an assembly having a carbon-reinforced composite and a metal. Next, a lag control signal of the optical drive is detected to record the magnetic-pole cycle value as a magnetic-pole basic value. Sensors are sampled during scanning according a non-uniform function in order to realize a non-uniform sampling scheme in a second dimension.

1459828630-0ae44177-f7ff-48f1-834d-a7ad8e72ce6f

A transmission for a working vehicle equipped with an engine having a horizontal engine output shaft, pair of transaxles for driving right and left drive wheels at variable speeds, and working device comprises a horizontal input shaft, output shaft, first gear train, horizontal PTO shaft, second gear train, PTO clutch and casing. The switched capacitor amplifier of the present disclosure can provide a larger fraction of the charge provided by a power supply and flowing through the amplifier to a capacitive load at the output of the amplifier compared to switched capacitor amplifiers that use single-ended class-A amplifiers. A printing completion monitor monitors reception of a completion report that is sent by the printer when the printer reads the page end information. The communications board is in electrical contact with each of the projections for repeatedly monitoring the status of each projection to detect a break in a projection's integrity. Copolymers of unsubstituted acrylate and substituted acrylate are disclosed as pliable biocompatible materials.

1459828630-5b8f150b-5a0f-4e2a-9ea3-76dce3b0f143

A polyphase electrical machine, in particular, a polyphase generator, includes a stator which features a core body having a circumferential slot pitch, and a winding configuration having a plurality of windings. A method of mounting a cable relative to an opening in a wall is also disclosed. The degree of birefringence and the orientation of the optic axis, which influence the amount of displacement, often vary between workpieces or between loci on the same workpiece.

1459828630-6304509f-c76d-48eb-a8dc-0ec5dc79f35e

An exercise device is described having a motor assembly and an electronic control system including a circuit board and electronic components for controlling the exercise device and the motor power output. In one embodiment, an integrated circuit is disclosed comprising a binary decoder and circuitry operative to perform a non-binary arithmetic operation, wherein a result of the non-binary arithmetic operation is provided as input to the binary decoder. The gelling agent may also be attached to the colorant.

1459828630-c07e0c07-b4bf-42be-badc-2208436259a5

Golf balls containing a core having at least one layer and cover having at least one layer are provided. The method includes forming first and second electrodes on lower and upper surfaces of a wafer comprising a plurality of semiconductor laser arrays having a plurality of laser emission regions, and forming a metal bonding layer on the second electrode of the wafer. A surface of the transparent substrate is formed with a plurality of electrical connection pads, and the chip has a plurality of connecting pads. A processor is operably coupled to the visual display

and touch screen. The user of the cell-phone makes an access to the MFP by short-distance wireless communication to receive the e-mail. The tool may also be thrown away with the used filter.

1459828630-ccda3a06-9bbc-461f-b79a-bd8704ed8500

A technique for attesting a plurality of data processing systems includes generating a logical grouping for a data processing system. The network device stores data and addresses corresponding to the streams in a memory. Such a method may inhibit the misuse of one or more network protocols and/or attacks on protocol servers. A handle end is attached to the extension poles or to the scooping head.

1459828631-412343f3-3c26-4cbe-b1b2-4f76f9c17e39

Described herein are methods of repairing retinal tissue using resorbable tamponade compositions that are heavier than aqueous humor and contain one or more glycosaminoglycans. The system has at least one slave controller for operating a slave power supply to create an AC current between the electrode and workpiece by reversing polarity of the AC current at switching points where the slave controller is operated at second welding parameters in response to second power supply specific parameter signals to the slave controller. The damper is a rotary air damper with components that rotate relative to each other and has air as working medium for the dampening. Stored layouts contain one or more image containers and are identified based on product type and number of layout images input by the user. Then, the control unit reads an impedance value of the fan module. Each of the second plurality of sub-bands is modified to decrypt the previously encrypted information contained in the optical signal.

1459828631-6b4fbc2f-5542-4ce0-8125-3c4a8ec20b52

Methods and systems print a multi-color test pattern using a printing device to create a printed test pattern when the printing device is producing a printing defect. The support may include a drive surface that is a \u201cnet shape\u201d surface, i. The distribution unit also transmits the source operands and the operation code to the latency buffer for storage until the destination operand is retrieved from the L2 cache. The lid is connected to the case through a connecting member to cover the open end of the case. The etch has a material removal rate that is at least 10 times higher for doped silicon dioxide than for undoped silicon dioxide or the semiconductor material.

1459828631-8313b040-1e2f-4d4d-af7f-1da32d291f28

An optical material is inlaid into a supporting substrate, with the top surface of the optical material flush with the top surface of the substrate, wherein the optical element is used to shape a beam of light travelling substantially parallel to the top surface of the substrate, but with the central axis of the beam below the top surface of the substrate. The function control mechanism includes a first ratchet that is mounted to rotate with the drive spindle, a second ratchet that is slidable from a first position to a second position, and a ring controller. The particle-particle interactions are switched by the stimulus, to change the overall material's mechanical properties.

1459828632-b474ce02-b4bf-429b-87de-3c99143a0686

A phase change memory and the method for manufacturing the same are disclosed. Embodiments preferably take into consideration the quality of one or more parties to the transaction and the means by which charges may be rendered to them when making account setup, management, and/or transaction authorization determinations. Minerals are disposed within the gel coating. A second perimeter rim extends from the second beam. A latch assembly is operatively disposed proximate the receiving port and is selectively configurable, dependent on an open or close condition of a lid.

1459828632-d9dfa246-171c-4eb7-801b-48ab1e562e88

A golf club head having a body with a front wall with an opening and a striking plate insert is disclosed herein. The system may also include a cold-plate connected to the cold-rail with the circuit board between the cold-plate and the cold-rail, the cold-plate to remove heat from the circuit board. The reference beam is modulated to shift its frequency. Further provided is a system for producing a wide steel strip with thin slab continuous casting and rolling. Light components that are reflected by the radiation entry surface, etc. Pulsed PECVD eliminates the need for gas actuation and inert purge steps required by atomic layer deposition.

1459828632-f743f3be-5d55-42c0-989a-c67e3613c31f

A test key structure for use in measuring step height includes a substrate, and a pair of test contacts. According to one aspect of the present invention, each of the two-way interactive communication devices is a node in a distributed network, thus the devices can access hypermedia or hierarchic layers of information stored in server devices on the network. This eliminates cleaning and disassembly of the extractor. Other calculations further inform this decision, such as the relative average power consumption. Then, after the resin is cured, a microwave lens is formed.

1459828632-f95d61ef-5352-4762-8cc5-3b44225a0bbb

An RF modulator switch selectively couples a locally generated and conducted RF signal or an antenna RF signal to a broadcast radio receiver. The number of dummy memory cells on a single dummy word line used to drive the dummy bit lines is selected. The liquid crystal display further includes a switching element electrically connected to the pixel electrode for controlling transmission of the data voltage. The computer program product can be installed directly from the manufacturer, through computer readable media, or by downloading.

1459828633-0afdf12a-c2ba-4f5d-a89d-374dfa853fb2

The invention relates to a device for recovering moisture present in the atmosphere. A method for creating X-ray images is also provided. The pivoting mechanism interconnects pivotally the display device and the base. The attachment fixtures or members of the tension bands or members couple to respective ones of the attachment fixtures or members of the compression ring or member. A cylinder is positioned adjacent to the rotation shaft, and a second gear is mounted thereon.

1459828633-46202dba-ac22-4d39-a379-8b864b450338

A navigation system for use in a vehicle receives a GPS signal for having a GPS time data that rolls over at an interval of 19. The sleeve is adapted for releasable engagement to a running tool and has a locking mechanism comprising first and second tubular members and a collet is provided. The present embodiment also recites forming sidewall spacer regions along at least a portion of the sidewalls of the trench. The sensing criteria may comprise a number of fail bits. In this way, certain endnodes may be designated as being able to communicate with only certain other ones of the endnodes.

1459828633-49eb9efd-c710-488a-a941-ac3400bc683a

Embodiments including a system for searching through a database using two or three dimensional data or data derived from the two three dimensional data. As an electrode for radiation 11D is provided, a semiconductor device superior in radiation is provided. These passive infrared sensor clusters define respective left and right overlapping fields of view having the same horizontal elevation with a horizontal spacing being adjustable therebetween. The invention also includes insoluble polysaccharide particles for application to human skin. The encapsulant is formed on the upper surface of the substrate to seal the first chip.

1459828633-e7e9db52-e96b-42e0-b46d-d0a74b669568

When the width of a recording head is greater than the width of a recording medium having a maximum conveyable width, a recorded image corresponding to ejecting ports

in the entire area of the recording head cannot be corrected. The input source address field of the packet header is used to access a lookup table of corresponding source autonomous system labels. The method includes selecting fields of the database that are to be analyzed, ranking the fields in order of pertinence to the quality that is to be measured, fetching values for each record of the database from the fields that are to be analyzed and comparing the fetched values to a standard.

1459828634-0a01578d-38d6-40a5-b9be-b5f9d9535017

A method is used for compensating a boundary of an image, in which each scan line in the image is shifted by a corresponding line shift amount. The network switch can include a plurality of ports that are configured to receive and transmit network traffic. The amplifier does not operate when the first switching element is enabled, and the amplifier operates when the first switching element is disabled, and the amount of phase shift when the input signal is passed through the amplifier and phase shifter is substantially equal to the amount of phase shift when the input signal is passed through the first switching element. A caller enters confidential data into a vendor's IVR using the telephone. 4 times their storage modulus at  $23 \times 10^0$  C.

1459828634-940b3d7e-ecf2-406b-bbcb-d6d469639cc5

A method and system for sending, receiving and managing the exchange of messages between an intranet and multiple external users using a secure server as an intermediary interface for Internet communications. Of particular benefit of the present processes is the selective treating of cat naphthas to remove gums instead of undercutting the overall naphtha pool by lowering the end cutpoints of the cat naphtha fraction. Circular axial perforation is formed in the common base, and a plurality of slots and light guides are installed near a periphery of the common base.

1459828634-e0b3c3a5-7253-43ad-ae7c-9bb9a2ea7c0f

A micro-electromechanical process for fabrication of integrated multi-frequency communication passive components is fused into co-fired ceramics by way of flip chip for fabrication of a low-cost, high-performance, and high-reliability hybrid communication passive component applicable in the frequency range of 0. An image-forming unit forms an image to be transferred onto a recording material. The engine further comprises a valve assembly for operating an exhaust valve associated with each cylinder and a fuel assembly for supplying fuel to each cylinder. A resilient portion of the arrow rest absorbs arrow vibrations to reduce noise and improve arrow flight.

1459828635-7f306b9f-db07-4c29-be72-d6a6064e3809

In a radio communication system, an electronic component for high frequency power amplifier carries out the detection of output level, required for feedback control of the output power of a high frequency power amplification circuit, by current detection. The integrally bladed rotor comprises a plurality of pairs of airfoil blades. ; and at least one inorganic filler selected from the group consisting of chopped strand glass fibers, carbon fibers, wollastonite, talc, mica, kaolin, barium sulfate, calcium carbonate, apatite, sodium phosphate, fluorite, silicon nitride, potassium titanate, and molybdenum disulfide, and wherein the pellet has a length of 1 to 5 mm and a ratio of a cross-sectional major axis to minor axis of 1.

1459828635-d8bd6031-7f41-4f74-91b2-118a56f3043a

An architecture for testing a plurality of circuits on an integrated circuit is described. A first substrate member may have a first and second surface with a first and second substrate connector spaced apart and attached to the first surface and a first and second spacer element spaced apart and attached to said second surface. Also provided are a method of making a fluoropolymer, a method of increasing induction time, and fluoropolymer articles containing curable or cured

fluoropolymer compositions.

1459828635-f3c72726-d05a-4d96-86cc-9b171df256a7

A virtually-addressed local texture memory stores selected regions of a texture for use by a graphics processor. Travel speeds may also be initially estimated using an expected maximum vehicle speed, which may be a maximum speed limit. The BCEs identify the terminal, provide an address allocated thereto for getting access at a gateway, and identify the gateway providing the access. First and second contacts proximate distal ends of the first and second arms, respectively, define at least one second elevation. The iterator thread adds all the precomputed indices to a single queue. The first and second sensing reference voltages are selectively provided as a function of the voltage level of the control signal in which the first and second sensing reference voltages are used to read data of the memory cell array.

1459828635-f7c3c9bd-897e-465d-9b70-f118d409b872

The present invention relates to a color stable thermoplastic composition comprising a copolyester elastomer; and a stabilizer comprising an aromatic amine; and a di-substituted imidazoline, wherein the color lightness of the composition is greater than 50. These novel compounds inhibit the processing of amyloid precursor protein and, more specifically, inhibit the production of A $\beta$ -peptide, thereby acting to prevent the formation of neurological deposits of amyloid protein. Each elevator is assigned to an elevator group, the building is divided into zones, and a changeover floor for changing between the elevator groups is arranged between the zones. Conversely, the front of the housing is shaped to naturally conform to the outer shape of the patient. The Si-containing layer that is preferably a spin-on material can be optimized for thermal and etch resistance without compromising lithographic properties since it is not photosensitive.

1459828636-562b3ba8-ca43-40ac-883c-1099e391a758

An backslide plate is designed for mating engagement in an opening in the outer side face of an in-line skate boot. In the present invention, a network user buys bandwidth to have a fixed capacity level. A removable components list is generated, and the generated removable components list identifies one or more components associated with the one or more removable features. The inner end of the outer winding and the outer end of the inner winding are left un-connected.

1459828636-64870d9a-e225-406d-a535-555ee229850b

A substrate inspection method includes the following steps. Assemblies include a spray drying head attachable to a gas supplier and a liquid sample, such as a standard unit of blood product. The reduction in the amplifier stages reduces the number of inputs to, and dynamic range required from, the summing node that provides input to the quantizer, as well as reducing the power requirements and complexity of the circuit due to the reduced number of amplifiers. Methods of the present invention monitor resonances by deriving a resonance indicator such as an apparent frequency, a gain or error magnitude, or similar criteria tested by values conventionally illustrated on a Bode plot. The assembly further includes a tire having bead regions comprising a ledge portion having a toe, a heel, and at least one circumferentially continuous rib with a peak, wherein the at least one circumferentially continuous rib of the tire extends radially into the at least one circumferentially continuous groove of the wheel rim.

1459828636-822dce37-767a-403c-b620-ae7f49468f44

The field of the invention relates to systems and methods for managing user behavior in online multiuser systems, and more particularly to systems and methods that provide user-based arbitration for online multiuser systems. The wireless network may be a mesh network and the server may be a mesh server. The hinge device has a first and a second arm supporting the hood rotatably to a frame member of the vehicle body and first and second lock plates rotatably supported on the under face



of the hood to hold an active part of the actuator. The lens mapping can be used to calibrate the lens against a standard or against other lenses.

1459828637-c6553461-00a5-453f-8b47-7580d0f77e91

A MEMS may integrate movable MEMS parts, such as mechanical elements, flexible membranes, and sensors, with the low-cost device package, leaving the electronics and signal-processing parts in the integrated circuitry of the semiconductor chip. The process is commercially feasible providing indanyllamine and aminotetralin derivatives in high yield that are useful as intermediates in the production of therapeutically active compounds. A plurality of workpiece seats are arranged on the turntable. induces an expulsion of carbon monoxide to generate pentacene in high yield.

1459828637-d702f7f7-7c8c-4127-826b-e91689c0f5c3

A charged-particle beam emitting device which includes the following configuration devices so that a lowering in the image resolution will be suppressed even if a primary beam is tilted relative to a sample: A device for causing orbit of the primary beam to pass through off-axes of a plurality of lenses, and controlling off-axis orbit of the primary beam. The board is produced by mounting an electronic component supplied from a component feeding device onto the board by means of a component mounting device. The slider has a front surface mounted with a supporting portion supporting two end portions of a rotating shaft.

1459828638-2ed1eb61-6b60-4d68-849d-e3b36795bb37

In the present invention, in a cellular communication system using frames of communication resources in time and/or frequency domain, the communication resources are divided into at least two regions. The methods include controlling the conductor density of wiring levels, adding compensating stressed film layers and disturbing the continuity of stress films with the immediately lower layer. A lock tab is provided on the tab end segment, and a lock channel is provided on the channel end segment for receiving the lock tab. Neutral molecules are injected into the stripper tube, which remove electrons from the incoming negative ion beam.

1459828638-c755643f-d600-4388-b784-24b948c42abf

A saddle lift apparatus is disclosed. These receptors may be used in various assays, such as a transactivation assay to identify novel ligands. These ground contacts are arrayed in the first direction and joined to each other via a joining portion. Also provided are methods of treating a subject having an infectious disease, particularly HIV. The second end is attached to a hole located in the center of a plate that is attached to the vehicle hub assembly through two or more lug bolts. Each encoded symbol is distributed at n-locations about a center of rotational symmetry such that decoding the symbols produces n-representations of the data each comprising a different cyclic shift of the data.

1459828639-54cfa164-ada6-4bf7-8001-8047d8c8c208

The invention relates to conjugated polymers comprising benzo-bis units or derivatives thereof, to methods of their preparation, to novel monomer units used therein, to the use of the polymers in organic electronic devices, and to OE devices comprising the polymers. Multiple scaled iterations facilitate energy savings and power optimized systems, without compromise to data access performance. A second plate of the first storage capacitor is coupled to a first reference voltage, and a second plate of the second tunneling region is coupled to a second reference voltage. The second key is fixable at any selected position on the plug and is lockable with the first key on the housing to fix the angular position of the plug relative to the housing and, thereby, fix the rotational position of the optical fiber angularly of the optic axis. The invention can be embodied in a client unit, thus providing a decentralized distribution of computing jobs and avoiding bottlenecks in the distribution of computing jobs for example in a computing grid. The invention includes optimization of geometric variables,

temperature and pressure set points via use of a pressurized bubbling fluidized bed reactor to convert granular raw sorbents and auto-generated biochar sorbents) into activated, highly dispersed, and ideally sized particles for removing acid gases and toxic metals.

1459828639-9f422b43-05bf-484d-b779-a37128d77663

The error concealment method improves the signal quality in transmission systems. In each of the slots, one of the two part-windings forms a bottom layer at the slot base, and the other part-winding is disposed as a top layer parallel above the bottom layer. The feedback loop is provided for data buffering. The imaging sensor module includes an imaging sensor connected to the substrate and secured to the bottom portion, a substrate spaced from the bottom portion and defining at least one recess therein, and a plurality of passive components received in the at least one recess and wholly disposed below the imaging sensor.

1459828639-c3e1fc94-49ac-407c-98aa-95c7d87da919

The present disclosure relates to a computer-implemented method for electronic design verification. The calibration and correction procedure performs an automatic calibration procedure and gray level linearity procedure. During the period, a correction amount for correcting a positional deviation E is issued. The pivot shaft is situated above an upstream end of a stacking surface of the pivoting tray when the pivoting tray is placed at the document stacking position.

1459828640-48f2b036-f6da-43c1-b5e4-d1c485d5f68e

The invention describes a process and apparatus producing a dense coke fraction from a first particulate coke fraction having a first average density and a first average particle size distribution, stratifying the coke fraction in a density separator into at least two fractions, the at least two fractions comprising a light coke fraction and the dense coke fraction. A shoulder of the guard accommodates the shoulder of the gutter hangers. Anodic aluminum oxide membranes serve as the catalyst substrate. Preferably, the receptacle includes a piercing projection disposed in the receptacle adapted to pierce a seal on a container of tire sealant secured in the receptacle. A DAC generates a bias voltage with a small quantization step, additionally providing a fine granularity of gain control.

1459828640-ae292e98-73fc-490b-92d8-5952244c6e4a

A magnetic stripe card reader for reading a magnetic stripe on a card having at least one track of magnetically stored information stored thereon as a stream of encoded discrete data bits separated by bit times is disclosed. The airgap type etalon includes a fixing block having one flat surface, and a transparent parallel flat plate having parallel flat surfaces formed with an antireflection coating and a reflection augmenting coating thereon, respectively. In particular, by avoiding the related art scheme using the N-sized IFFT, the layered IFFT is executed in a manner of grouping N data symbols into P groups each of which includes Q data symbols.

1459828640-d080caf3-c309-4f54-8ebf-db66f08b699d

An OLED display panel and manufacturing method of the panel are provided in which a terminal electrode is exposed by performing etching with fixed etching conditions without performing step processing. The transfer conveyor forms a segment of a conveyor line. CRS-based time tracking may also be inappropriate to implement in certain communication systems such as a coordinated multipoint system where control and data may arrive from different cells, and therefore, a UE may assume a wrong cell for CRS-based time tracking. In order to further reduce the position error given by a combination of bursts, each burst also can be trimmed and/or written in multiple passes. The package is molded using conventional materials and equipment.

1459828641-21112ab0-72ac-4cb1-8f48-64381397bfee

An infrared scene projector device includes a light emitter and a thermal emitter.

A modeling processor generates a model of the tissue surface using the subset of location data points. A conductor pattern is formed over the first dummy region for optical pattern recognition. A method of switching power to an electrosurgical instrument while avoiding damage to high-energy contacts is also disclosed. A block select signal line extending in the sub row decoder along the second direction is connected with the second signal supply section.

1459828641-5a41bbcd-af89-4753-89ec-37fcfdc66a07

A device for regulated heating of media in a dental handpiece has at least one media line which can be opened via a switch, a heating element associated with the media line, a temperature sensor detecting the temperature of the medium and a regulation circuit which is connected with the temperature sensor and controls the heating element in dependence upon the sensor signals. The combustion chamber wall edge is formed with a profile which blocks or at least inhibits a diffuser effect when a cooling air flow, which is guided axially through the flow passages into the annular spatial area, flows over the combustion chamber wall edge. This provides the user of such exercise equipment with the ability to adjust and readily fine-tune the position of the pulleys for proper biomechanical alignment with the user's body.

1459828641-98e2e96c-0cb0-4973-b6fc-2fe696590151

A baler having pre-compression lid stops and method of operation where stops located on a pre-compression lid prevent rotation of the pre-compression lid into the pre-crush chamber to prevent impingement of a gatherer ram with the pre-compression lid. A housing is provided as a ground conductor path in order to establish conduction between two external conductors in portions of the coaxial cable which are separated by the inserted coaxial capacitor. The probecards can also use thinner interconnector substrates to conform to the planarity of a DUT and may suspend such a substrate by wires attached to a perimeter edge of the substrate to permit the substrate to tilt. The operating point may be expressed in terms of clock counts by factoring in the clock rate of the oscillation controller. The pull bar mounting bracket assembly can be easily removed from one model of the given make of tractor to another model of that tractor make without requiring any modification or customization of the mounting assembly or the tractors.

1459828641-db24e71b-2f54-402c-9855-15747d7bf0bb

For use with a baking pan of the type formed from a sheet having a plurality of frusto-conical depressions and inter-spaces between the depressions, a hole maker. In one aspect, a mixer server receives a request for a visualization of television reporting data, translates the request for the visualization of the television reporting data into sharded requests, and provides each sharded request to a respective shard server. The reference surface includes two or more reference indicators spaced at substantially even intervals from one another. 25 C, and the voltage thereof is 3.

1459828642-5dc1c7d5-2a71-436a-bf34-c1949759a8ac

The present invention provides a system and methods for a radio frequency identification system which securely and conveniently integrates important travel-related applications. The optical recording medium comprises groove information tracks on which information pits carrying information data is to be formed, and prepit tracks provided with a plurality of previously formed land prepits connected to the groove information tracks. Pulses for a display discharge are alternately applied to the X and Y electrode lines to cause a display discharge at the pixels where the wall charges have been formed.

1459828643-10d752ee-3987-4657-817f-23ab3fd8f97b

A transformable catheter includes a sheath having a length which is a substantial fraction of the entire length of the transformable catheter and a bore therethrough. After dialing a telephone number, a contact name and a timestamp in a

service provider database is compared with a contact name and a timestamp in a storage device. In certain embodiments, the compressor-expander comprises one or more stages, each stage consisting of pressure vessel partially filled with water or other liquid. In addition, pharmaceutical and diagnostic compositions are provided comprising any of the aforescribed antibodies, antigens, epitopes, polynucleotides, vectors or cells. Many components of the low pressure EGR system are also usable in a passive EGR system. A method for assembling the rotatable bar pin bushing assembly is also disclosed.

1459828643-13a41f8c-7231-49c6-a5f0-f1b914d1a4cc

Lanyard connectors for release of an ordinance are provided. A customer transacting at a SST during a Self-Service transaction receives in-air tactile communication for assisting the customer during the SS transaction. 5\xd71019cm3 to 3\xd71021cm3 and belongs to group 13 of the periodic table, and the region is a region to which a catalytic element left in the semiconductor film moves. A second rotor assembly is coupled to the outer surface of the cylindrical body and electrically coupled to the first rotor assembly. The glue is positioned so as not to contact the readable surface of the CD or DVD and degrade play. This allows for the formation of a larger wellbore than originally drilled and a wellbore larger than the drill bit diameter.

1459828643-e0340137-8d96-4b6f-98e3-ee30a726ec25

Disclosed is a display device having a pixel electrode and a pixel driving transistor. The method includes providing the WLAN for a user device to access a packet network, where the user device receives requested content transferred over the packet network through the WLAN access point. The said intraluminal device contains appropriate sensors and reports in real time the forces and pressures exerted on it, as well as its position, so that the levitation and the steering can be dynamically adjusted using appropriate dynamic control of external magnetic devices such as solenoids.

1459828643-ecde5138-c4ca-481f-81cf-7635867e854d

Disclosed are methods for inducing polyploidization of megakaryocyte cells and for promoting differentiation of megakaryocyte cells into platelet-producing cells. An electron beam is deflected by passage through a magnetic or electric field to be measured and is allowed to pass through a deflection electrode to thereby be deflected in a direction perpendicular to the magnetic or electric field to be measured. The hydrogen product stream is supplied back to the pipeline. In another embodiment, the user may enter a message or messages for a designated recipient or recipients at any time, and the message is saved and automatically sent when the connection becomes available.

1459828643-ee1c4d29-9d57-40a5-8036-3deea827d997

A portable rolled product containing a small roll of sheets, such as tissues or wet wipes, is particularly useful for uses outside the home. Such an elongate medical device comprises a shaft having a proximal portion and a distal portion, a pull wire disposed in the shaft and affixed to the distal portion of the shaft, and a handle coupled with the proximal portion of the catheter shaft. A steadying rest, for use on machine tools to hold a workpiece, especially one having a longitudinal central axis that is rotationally unsymmetrical or unstable with respect to the machining tool, in position to enable measurement of the shape defining parameters and shape deviations while the workpiece is mounted on the machine tool, is also disclosed. The reverse link transmitter stops channel transmission on the reverse link in response to the transmission control signal. Ends of the noise insulating wall are respectively connected to an inside surface of the arc-shaped part such that at least one portion of the noise insulating wall is foldable between the two base parts.

1459828644-010acc26-aab6-4248-b7db-fd65a335236e

In a granular magnetic recording layer of a perpendicular magnetic recording medium, media noises are reduced by separating adequately magnetic crystal grains and non-magnetic grain boundary and decreasing magnetic exchange interactions among the magnetic crystal grains without causing damage to magnetic anisotropy of the magnetic crystal grains. The housing is pivotally connected to the support via a pivot shaft and is pivotable between an operational position in which the radiation emission plane is horizontal, and a rest position in which the radiation emission plane vertical with a single rotation of the pivot shaft about a pivot axis extending through the pivot shaft. The truck contact includes a first group of guides that cooperate with a second group of guides on a truck charging contact and a third group of guides on a truck operation clamp. The gateway further comprises an interface for making the extracted data and/or formatted data available as packet data network data at a PDN output port of the gateway.

1459828644-30937ad8-6999-4c6e-874c-af7f7f3349ad

A method and a device for forming an image upon a medium using toner is provided. To start inflation, the apparatus couples a fluid source to the object via a plenum. With this, it becomes possible to reduce such work as discarding the card due to the issue cancellation or replacing a pasteboard due to the address change required after the card is produced.

1459828644-8d968445-0157-48fa-9e8a-79e408226ee2

The present invention discloses a latency counter applied to a memory, for delaying a memory accessing control signal. The modifiable portion is attributable to the one entity and remaining content in the displayable content container is not editable by the users. The system also includes an identification component, which operates to identify a maximum monitored level of actual utilization. The signal to be measured is fed to a bank of delay elements, each with a slightly different delay with the difference in delay between the first and the last being more than D. The source of light preferably uses stable, long-life, white LEDs, in which case white-balancing of the remitted spectrum can be accomplished by pre-determining and storing the spectrum of the LEDs, one time for all, and then adjusting the remitted spectrum accordingly to compensate for deviations of the LED spectrum from the constant ideal. For each output message, an indicator is associated with the output message indicating whether this output message is the last message being generated for the given input message.

1459828644-c08376fb-2220-4be3-8201-dfad8f781522

A retaining device is designed to retain a portion of an assembly device. However, the adhesive strength of solder balls to ball pads is low, so that the adhesion tends to be unstable. The pool of assets may include real estate, automobiles, major electronics, major appliances, artwork, etc. Each of the faceted search results is displayed in association with user interface elements for including or excluding the faceted search result as additional search terms to subsequently refine the search query.

1459828644-d5f712ea-a27b-4032-9b57-657d4918bb74

The present invention provides a printed circuit board which is capable of air-tightly sealing a functional surface of a device and of preventing excessive stress from acting on the device itself or a conductive bump conjugating the device with a wiring board and a method of fabricating the printed circuit board. An imaging element converts a subject image formed image data. The methods and apparatus further include determining that the counter value meets or exceeds a first barring threshold value within a cell barring evaluation time duration. The BMC reads the binary data stored in the storage chip and defines the binary data as virtual sensor data, which conform with threshold type data, and decodes the virtual sensor data to POST codes and controls a display unit to display the POST codes.

1459828645-3435d929-5ae2-41d0-8a4e-efb1e39b24f4

According to the present invention, a method for preparing tetrazole methanesulfonic acid salts comprises an acylation reaction using a novel 4-iodine-4H-chromene-2-carbothionic acid S-benzothiazole-2-yl ester. In an exemplary embodiment, the drive includes a first engine drive pulley and a second starter drive pulley. The lateral flow devices measure relative rates of capillary flow down converging arms of a common element of porous media in which at least one of the arms has been modified by the addition of flow-modifying agents which affect the flow rate in response to the concentration of the analyte. Also, the method determines if a creation of the new session would exceed a permitted usage of the communication network, and the permitted usage corresponds to the account. A cutability ratio is the first cutability divided by the second cutability and a contact stress ratio is the first contact stress divided by the second contact stress.

1459828645-72778885-b15f-4c8c-89e1-03c886de4609

A communication network comprises a first gateway, a second gateway, a soft switch, and an end device. The LNBF comprises a PCB, a dielectric resonator oscillator, a chamber, a tuning screw, and a cover. A heuristic may be applied to the input to insert multiple cut points. A user interface is provided which has a list of the recorded television signals and the user can select for playback any of the listed recorded television signals. The end flow cap includes at least one channel for directing the propellant from the spiral flow passage to the outlet. A default document processing device subset is thereafter selected from the available document processing devices based upon the determined location.

1459828646-06307589-f25e-4c55-b9c7-604ad5eaaaf21

A pre-emphasis circuitry that includes a pre-emphasis voltage variation compensation engine having a transition detection circuit and a compensation driver coupled to the PVVC engine is described. The panel comprises on its outer surface a colored film that includes a coloring matter or pigment for color-selective absorption of light rays and fine or micro-particles with electricity-resistant property for letting the pigment scatter or disperse. Such peptides or other molecules may be employed for prophylactic and therapeutic applications in TNF associated diseases.

1459828646-3e4ffc31-2d97-4a28-9efa-dbaf3155fb0d

The present invention is a spray cooling thermal management device that cools an electronic component. The chromogenic amino acid is flanked by at least one amino acid to the N and C termini thereof. In a mounted position the inner filter is arranged to be substantially fully inserted into the outer filter. The client system adds information from the access control list to a data request sent to the storage server system.

1459828646-8743aaab-583d-4750-97a5-127c50c18b4b

A network node is configured for hosting a plurality of connectivity supervision sessions towards a plurality of router interfaces in a communication system. The method comprises determining an angle of pitch orientation of the image capture device, and setting the image capture device to the one of the plurality of operational modes if the angle of pitch orientation is within a predetermined angle range associated with the one of the plurality of operational modes. The user portion comprises a receiver, a position locator, a processor, a memory storage area, and an output device. The rear end of the housing includes a blade sleeve into which the blade of a hockey stick may be inserted and retained. This packaging device and method is favorable for storing or transporting objects which are sensitive to or would benefit from low moisture/humidity conditions.

1459828646-997eb847-fc1c-4162-902f-1d23072a6956

The present invention relates to propylene based copolymers and to processes for producing propylene based copolymers, particularly propylene-ethylene copolymers.

The liquid crystal display device includes a first portion where display is performed by transmission of light and a second portion where display is performed by reflection of light. The unit electrodes for the first electrode group are set so that the area of the electrode surface is smaller than the area of the sandwiched surface of the frozen material. The first data port is capable of being connected to an external electronic device. In one embodiment, the retainer is a shoring clamp assembly including a pair of ring clamps that are secured onto a split end of the flexible conduit and transfer the longitudinal forces applied to the conduit during the slitting operation to an adjacent structure such as a pit wall, thereby holding the conduit taut during the slitting operation. The PTT sends a notification of the user account identities and the unique identifiers to the PMT and returns a status for the training requirements for the user accounts.

1459828646-c65bde34-df79-4f00-b9f3-7c6ff398d8dd

A gutter and sheeting material holding device comprises an elongated body having a bottom wall, and side walls extending from opposed sides of the bottom wall. During vertical blanking intervals of the analog display signal, the ADC circuitry is calibrated. The control device 13 carries out a temperature feedback charge with a quantity function of a temperature as a target value.

1459828646-dadc5e4c-ec58-4cdb-8f62-e02eb8bca90d

A power situation indicator configured to provide power information in a rotorcraft is presented. This invention mainly contains an oil-valve switch device, a driving device, and an electrostatic detection and control device. The invention also relates to methods for producing a barley plant containing in its genetic material one or more transgenes and to the transgenic barley plants and plant parts produced by those methods. Also, the variable clock generator is configured to maintain an average frequency over specific periods of time for the range of discrete frequencies. manual flossing, a flossing type tool, a dental scaler, or a dental explorer.

1459828647-3043e4ec-890b-429b-a551-6d0057bf2b2b

Method and apparatus for the conversion or generation of a video signal intended to be displayed on an image display with different luminance response times for rise and fall. A global data store is synchronized with real-time communication data, such as presence, status, unread messages, and unread notifications, from each applicationprovider. An envelope detector 119 generates an envelope signal having components identical to envelope components included in the original signal. The sensing fibers can be arrayed in a planar arrangement, or in a bundle. The predefined carrier information indicates predicted availability or reliability of each of a plurality of channels to the carrier. The planar sheet is foldable around a plurality of joints or hinges that are configured to fold two ways, thereby allowing the sheet to assume the two configurations.

1459828647-6569927d-f73e-4188-9aea-c77416c5a559

Disclosed is a pupil detection device capable improving the pupil detection accuracy even if a detection target image is a low-resolution image. This invention also relates to inbred maize lines derived from inbred maize line PH4GP, to methods for producing other inbred maize lines derived from inbred maize line PH4GP and to the inbred maize lines derived by the use of those methods. After the separation, a pixel position where the monospaced line is located is filled with color information of an adjacent surface. The listener may play back grouped songs based on the similarities between songs. An image-enhancing material is contained relative to the marker member in a manner such that the imaging material does not directly contact the biological substance; such imaging material will remain self-contained without causing significant tissue absorption, toxicity or undesired image distortion.

1459828648-33bbf1dd-f8d4-4907-8e6f-78eba5d785b4

Disclosed is a skin treatment device for personal use. The interlock prevents forward and rearward mobility of vehicles unless the platform lift is stowed. The capacitor is embedded in the interlayer insulating layers so that the second main surface faces the core board. According to the invention, the operation of protected channels in conjunction with restarting is ensured by starting the protected channels on the channels defined for them in the new composition and on the channels to which they were transferred in conjunction with the protection switch-over. A second central net is woven inside the inner lower ring parallels the first central net sharing a majority of common selvage.

1459828648-54f4b7cd-ca2b-4d8a-afd9-960a1a07b5b9

A method and a system for automated testing of a graphic-based programming tool. The hypertext documents include selection criteria for groups of codesets stored in a central database of codesets. Communications path abstraction units 24a and 24b carry out abstraction of communications paths 26a and 26b in the process of transmission of various pieces of control information and data via the communications paths 26a and 26b across a process boundary or a network boundary. The heat shrinkable coating is formed from an elongated tube of polytetrafluoroethylene, and the distal primary coil is formed from one or more nickel titanium alloy strands or wires, one or more platinum wires, or a combination. The apparatus includes legs that may be removed and stored within the case containing the apparatus. The method supports extendibility to larger systems and may support enhanced power management through frequency adjustments at the core level.

1459828648-5fb79b8e-6ac8-49d3-a519-92ea06246184

In an optical information recordingreproducing apparatus using holography, there are provided the optical information recordingreproducing apparatus, method thereof, and optical information recording medium which correct a zero point and variation of unit quantity of a reference beam angle between apparatus and perform recording or reproducing operation with high compatibility between apparatus. Apparatus may require a user to push and lift in a coordinated manner to effectively overcome inertia and rolling resistance. The FSO receiver provides this information to the FSO transmitter that transmitted the FSO signal so that the FSO transmitter can adjust the direction it is pointing. Under the control of controller the receiver distinguishes received program segments by a segment identifier so that redundant segments captured in capture memory are then stored in buffer memory from which the segments can be retrieved and decompressed in data compressor for immediate or subsequent viewing. Note that the valve may include a second sealing portion, offset from the first sealing portion, to seal the chamber at the opening when the valve is inserted the second distance. A difference generating module generates a difference code word based on the new data drive.

1459828648-81cac3d3-24eb-40cf-988e-62dce74cb6ab

Method for the transmission and reproduction of image data in which image data are transmitted to a communication terminal and reproduced the current viewing direction of the communication terminal's user being determined. The motherboard has a first heat generating device mounted thereon. One or more clips can be secured to a bone plate through a variety of means, including a snap configuration, a screw configuration, and a bendable prong configuration.

1459828649-00fe17c5-cab2-490f-b690-70886f0a76bb

Disclosed is a method of removing hormone from a liquid, the method comprising contacting the liquid with a filter comprising activated carbon fibers. The method includes operating the device in a first mode; receiving an indication of a first person in the presence of the user; retrieving a first profile associated with the first person; and operating the device in a second mode based, at least in part, on the first profile. Included are mechanisms to fasten and remove the anchored sling from underwear and to stabilize and/or anchor the sling when retrofitted to



conventional underwear. Then, an output optical signal output from the optical waveguide structure is supplied to an optical filter to thereby remove a small-chirp component from the output optical signal. They are embodied to prevent the selector element from falling out of the needle body in both lateral directions.

1459828649-85c122cd-37e1-4566-8e65-f6c2a414ecc8

A multi-level contraband detection system. As read tracks become very narrow, this field can drastically reduce the strength of the output signal. The present invention also relates to a process for making a photoexcitable storage phosphor and a process for recording and reproducing an image. Also described are new optical system designs and applications using such double-sided aspheric elements, thereby providing significant improvement over currently available optical systems. Then the image related data generator receives the update data from the update data server. The second portion includes a spring biased member biasing the trim element.

1459828650-01f63fca-f529-47ce-b911-d1429f09127b

An integrated circuit includes a core circuit and a buffer circuit. A plurality of reflective devices are attached to the fibers whereby when the colorization pellet is combined with a plastic molding compound during an injection molding process to form a part, the formed part has a metallic appearance. The turning force application mechanism applies a turning force to a vehicle. The connection electrode is formed at the same time as formation of a pixel electrode and a common electrode using a low-resistance metal, which contributes to the reduction in manufacturing process of the liquid crystal display device. In the corresponding method for marking copper-clad laminates a laser beam is expanded, and the expanded laser beam is focused on the surface of a workpiece in the form of a copper-clad laminate, with the laser intensity inside laser resonator being controlled by a screen.

1459828650-96782f39-8589-4911-878e-d9a70007ae91

A method is disclosed for controlling an output impedance of an electronic device of the type having an impedance control terminal to which an external load is to be connected such that a predetermined value of the voltage at the impedance control terminal controls the output impedance of the device. A battery charger is used to delivering DC current through the coil from an AC electrical outlet so that by positioning the body tissue to be treated within the electrically-conductive band and delivering DC current through the coil, the body tissue positioned within the band is exposed to the electromagnetic field induced within the interior opening of the band. The one set of leads are inserted through the opening, placed in position, and integrated with the support body via a resin block filling the opening. The detectors are co-locatable at the manipulation site with the manipulating instrument and may be removable attached to manipulating instrument. The mixing module mixes the first digital signal and the third digital signal to output a mixed signal. The photoconductor includes an electroconductive substrate; an intermediate layer located overlying the electroconductive substrate; and a photosensitive layer located overlying the intermediate layer.

1459828650-ce6f171e-1499-4df6-9c5c-6b49c2543895

A positioning system includes: a terminal apparatus and an information supply apparatus capable of communicating with the terminal apparatus. Accordingly when the flag is attached in this manner and the motor is energized the flag is rotated and appears to wave so that all may observe. The phthalocyanine is mixed into a raw material for an inner glove, or mixed into a raw material of the glove, or mixed into a lubricant for wearing the glove, or mixed into a coating material applied to the inside surface of the glove, or adhered to a filling implanted on the inside surface of the glove. As a result, it is possible to improve, for example, the leakage property of the dielectric film without adversely affecting a device formed on the Si substrate 101. Charging using the B-field occurs when the IPG is at a

relatively short distance from the base station, while charging using the E-field occurs at longer distances.

1459828650-fc0e3dc2-fe97-4d55-861f-9ff2f79b7216

A method for enhancing temporary solder ball connection comprises the application of thermal energy to the solder balls, heating them to a submelting temperature, whereby the compression force required to connect all balls in a BGA is achieved at much reduced force, avoiding damage to the package, insert, substrate and support apparatus. The server provides a service website. When a receiver receives information transmitted in response to the request, the received information is stored in a memory, and at an arbitrary time thereafter, the information in the memory is read by a recording/reproducing section, and is outputted and reproduced to the user from an input/output section. Water is surely prevented from entering the internal combustion engine and can minimize an increase in the manufacturing cost and simplify the maintenance work of the internal combustion engine. , pressure in the range of 2 to 20 kg/cm<sup>2</sup> in presence of added quantity of steam for formation of a mesophase carbonaceous structure which on steam stripping and cooling forms a solid crystalline coke suitable for manufacturing of graphite electrode of large diameter having coefficient of thermal expansion lower than 1. The tri-bar elements are rotated to three positions, each of the three positions exposing a different outer surface so that three different signature management treatments can be exposed.

1459828651-b288cde7-0263-49d7-bda4-604b30b7bbff

A pump apparatus configured with a first pump for pumping working fluid in accordance with a reciprocation of a piston using a space between a first open/close valve for suction and a second open/close valve for discharge as a pump chamber. The method initially identifies the files to be skipped. A resistance wire is interposed between the transistor cell elements to isolate each transistor cell element. The crown member and bone anchor are loaded into the lower opening of the receiver member, and the retaining member fits around the bone anchor and into the groove in the receiver member. The method and system identify relationships among constituent parts of a wafer fabrication system by generating a presentation of at least one relationship between an identified at least one integral part associated with the wafer fabrication system and at least one other integral part associated with the wafer fabrication system. Accordingly, using the humidification system of the invention, it is possible to provide the same level of humidification performance as the existing humidification system, manufacture the humidification system at low cost, and solve various problems such as a flooding phenomenon of a fuel cell stack and an increase in load on an air blower.

1459828651-dda40aae-6649-4889-940b-be497aa28c7e

A hybrid transmission device for a hybrid powertrain system having an integrated torque machine to transfer power among an input member, the torque machine and an output member in one of a plurality of fixed gear and continuously variable states is operative in a plurality of fixed gear states, a continuously variable state, and a torque machine state. The shaft of the milling cutter is arranged to be supported in an upright orientation such that the shaft extends through a surface of the body of ice into the body of ice. The first transistor is optimized to a first operating voltage by varying a physical property of the first gate, varying a first tub doping profile, or varying a first source/drain doping profile. Push button, solenoid and push key activation of a lock releasing lever releases the door lock so as to return the door lock to the open position. A source region is disposed in the body region, has the first conductivity, and is contiguous with the sidewall. The at least two channel impulse response estimators include an on-time estimator and at least one of an early estimator and a late estimator.

1459828652-09faa31a-eb5a-457b-837e-55ef6021584a

A lancing device integrated with a sensing strip and method of making and using the

same are provided. The device comprises measurement means connected to the communication link, which are arranged to subject a degraded speech signal  $s$  to an objective measurement technique for measuring a perceptual quality of means are arranged for producing a quality signal which represents an estimated value concerning the talking quality degradation. In addition, a pool of supplemental subcarriers is available for use by any user terminal.

1459828652-1c29df1b-563d-4983-8d00-49db038be6be

Embodiments of optical discs and methods for making the same are disclosed. The absorbers are fixed to the base sheet through respective fixing points in such a design that the shape of each absorber is not deformed upon stretch of the base sheet. A first peripheral component interconnection port is provided on an upper portion of said first side, an industry standard architecture port having a plurality of terminals on two ends thereof is provided on the lower portion of the second side by soldering so as to form a terminal-less region on the first side. The test data generator generates test data that is to be synchronized to the internal clock signal, using the outputted test pattern data based on a first or a second control signal. A servo motor rotates the rotating plate. The present invention also provides compositions comprising, methods for using, and methods for preparing Compound of Formula I.

1459828652-89b67f29-0bfe-4a41-aec5-f6bbe1c48c21

A recording signal beam and a recording reference beam are irradiated onto a first surface of a holographic recording medium to write an information as an interference pattern therein. The housing accommodates the rod lens array, the light module and the sensor board. Another method includes the access point setting its packet age limit according to feedback from the associated client station and/or according to information determined at the access point about the network. The bottom edge of the adjustment seat is formed, with multiple downward extending parallel cleaning pins respectively corresponding to the sprinkling holes.

1459828652-cd98b57e-ae75-45a4-a944-77e6e3be7bea

An aqueous ink comprising water, a water-soluble organic solvent and at least two pigments. A method includes receiving precoding information and applying precoding matrix at the sender based on the precoding information. A cavity portion is formed between the chuck top and the base portion of the support body. The housing 1 is allowed to be inserted into the mounting hole under the condition that the pawl is directed to a specific orientation, and, after insertion, is turned through a specific angle.

1459828652-f515bcc1-0751-41d0-80b8-7d8163a0d41d

A photograph is printed with a normal image and data that is not visible to the unaided human eye. The input tray has a support surface, at least one media guide and an over-center device. The bias circuit has transistors connected in a feedback circuit which tends to oscillate to affect the amplifier operation. 3D modeling of the manufactured sample stator bars are compared to the nominal 3D models to insure accuracy.

1459828653-04330deb-8c08-49ad-b9a6-d99e22628fa5

A star-branched polyester polyol is obtained by polymerizing lactide or lactic acid, using, as an initiator, a fat and oil composed mainly of a triacylglycerol that has at least three hydroxyl groups or epoxy groups in its molecule. The dc power capacitor provides with a regulated voltage. Image contamination due to deformation on the belt can be avoided. A working-channel write controller controls every write access to the working-channel signal storage unit, generating a write pulse signal therefor.

1459828653-405e5887-23c9-4da6-b9b5-ff85b351419c

An ear cleaning device is provided for removing debris from an ear. The image-side mask has an aperture with a diameter larger than  $\frac{2}{NA}$ , where  $\lambda$  denotes a wavelength of the illuminating unit and NA denotes a numerical aperture of the to-be-tested optical system. The coarse delay circuit CD comprises a counter for counting a rising edge of the clock signal CKA after receiving activation signal ACT and outputs coarse timing signal CT with delay of  $m \cdot T_1$  measured from a rising edge of the clock signal CKA. A first circuit path is then routed between the first node and the second node, and a second circuit path which protects that first circuit path is routed between the first node and the third node using the pseudo link. In some embodiments the printhead is retained by a rail which is located across the path and along which the printhead slides into and out of a printing position.

1459828653-b3f94e17-d0d3-47a8-acc4-c648fc31cd03

An image reject mixer arrangement 1 comprises a transconductor 2, first and second mixer cores 3 and 4, first and second phase shifters 5 and 6 and a summer or combiner 7. The lidar system includes an optical autocovariance receiver and one or more chemical composition sensors or processors, in addition to a Doppler signal processor for obtaining relative wind speed information. The standoff is brought into contact with an inner surface of the mold plates of a mold tooling when the device is positioned between the mold plates to maintain the flexible tape substrate in a centralized position within a mold chamber and inhibit the tape from bending as a molding compound flows into the chamber during encapsulation. At the time of recognition, the position of each of the characters to be recognized is firstly measured with respect to the position of the printing of the drawing of the background. The body includes a first member and a second member with the seal disposed on the second member.

1459828653-fec0a8a4-8e0b-47f1-b111-dbcd81624502

A method for displaying a starting process of an electronic device is described hereinafter. At least one isolation diaphragm is coupled to the body and positioned in the at least one opening. The shaft portion has an outer surface, and the first annular contact portion and the second annular contact portion are located on the outer surface and respectively surround the axis of the mandrel. Each bit of the secondary signal is represented by a relationship between the polarity of the frame sync signal and the values of the DC control bits in a fashion which complies with the constraints of the modulation code and the DC control algorithm.

1459828654-42b6f848-cf19-4dcf-8e10-06996dbe6fed

A cold-shrinkable element for joining or terminating electric cables, the element comprising a set of insulating or conductive layers, an outer protective sleeve, and a support element enabling said set of layers to be maintained in a radially-expanded state, the support element being suitable for being withdrawn from said assembly so as to allow the layers to shrink onto the cable or cables. The medical device comprises a magnetic field sensing device for outputting a signal in response to sensing a magnetic field. The first bevel gear wheel, and second bevel gear wheel are fixed to the first and second gear shafts via their respective freewheel bearings; and both first and second gear shafts are sections of a single gear shaft. CES modules receive the clock synchronization information and use it to reconstruct a local clock.

1459828654-9c35aca9-cbb8-4c2a-bbf7-67bd330c0219

A digital device 310 with a plurality of collocated wireless networks encounters inter-network interference if the collocated wireless networks operate in a common operating frequency. If the fluid pressure in the first pressurizing chamber becomes higher than the predetermined value, the working fluid can be supplied only from the second pressurizing chamber. A storage unit has a storage area for storing the read units of data read by the reading process unit 62a, 62b. The desired package may be assembled using the assembly sequence. The ticket also includes a

plurality of final hands for the game imprinted on the ticket, wherein each of the plurality of final hands is associated with a corresponding one of the plurality of strategies, and wherein each of the plurality of final hands is normally hidden under a corresponding alterable area.

1459828654-afcb4705-d91f-445a-8406-d53dd0afc20e

Golf balls consisting of a dual core and a dual cover are disclosed. The securement device includes a retainer with a base and at least one post, and at least one cap. For each frequency bin, it is determined whether a portion of the signal within the frequency bin belongs to a narrow band distribution characteristic of the source of narrow band noise located on the console. The engaging portion includes an engagement hole to engage a tool. In a light emitting element, a layer in contact with an electrode serves as a hole generating layer such as an organic compound layer containing a P-type semiconductor or an electron accepting material, a light emitting layer is provided between hole generating layers, an electron generating layer is formed between the hole generation layer on the cathode side and the light emitting layer.

1459828654-c3eb35fb-f374-492a-998b-017b4ebf6961

A battery temperature sensor may include a substrate and a thin film resistive temperature device. The direction of the spiral of the air-cushioning legs is alternated around the periphery of the exercise step to eliminate rotational creep. An electronic circuit card is disposed within the base cavity and is operatively coupled to the magnetic field detectors.

1459828654-f083af6a-5b5d-46e7-82fc-93e2dbb54135

A cathode having a groove extending about 10 to about 450 microns into a surface of the cathode. The computer algorithm iterates over the information stored in the parent CGM file to find associations in stored vectors to determine whether disparate elements, such as segments or arcs, are used to define more complex objects. An indicator component identifies a position of the specified feature relative to the media objects in the sequence.

1459828655-1d4dcdf7-ace5-436d-a159-cbe240952985

A method for reducing oxygen and carbon components in high-purity fluoride such as calcium fluoride and barium fluoride, or in rare-earth fluorides such as ytterbium fluoride and cerium fluoride used for an optical fiber, a coating material, and so on. The fuel cell system may further include a converter, a secondary cell, a battery charger, and a switching unit between the load and the fuel cell. The at least two powder conveying members are disposed on upper and lower sides of the recovery port interposed therebetween in the powder storage container, and are disposed in a longitudinal direction of the powder storage container. An additional step of winding the wire at least once around the antenna template, and a further step of connecting a second portion of each wire to said feedthrough member. The shielding covers include a fixed upper part and a lower part which rotates about the axis with the magnet. The design structure includes a structure which comprises a high-leakage dielectric formed in a divot on each side of a segmented FET comprised of active silicon islands and gate electrodes thereon, and a low-leakage dielectric on the surface of the active silicon islands, adjacent the high-leakage dielectric, wherein the low-leakage dielectric has a lower leakage than the high-leakage dielectric.

1459828655-580df06a-559d-4270-9c3e-5528edb71a0e

A stuffed toy, such as an animal or doll, incorporates a display mechanism. The apparatus includes a receiver configured to receive a transmission of media content, information regarding the content, and information for facilitating a purchase of at least one of a copy of the content, a good, and/or a service. A transformer includes a first winding connected to a conductor on the second end of the cable, a second winding is connected between a ground and the shielding on the

second end of the cable, and a third winding is connected to a current measuring member. An opaque or low visible light transmissivity shield is bent or formed into a generally tubular shape and is inserted into the chamber surrounding the light source. The pump body includes a pump suction port, a pump discharge port a first oil passage for supplying oil from an oil pan to the pump suction port, a second oil passage for returning excess oil of a first regulator to the first oil passage and a third oil passage having an outlet port for returning excess oil of a second regulator to the pump suction port. Lateral branches are doubly occluded, and then severed to isolate the vessel for harvesting and use as a graft conduit.

1459828655-abd92188-d2a3-451b-b062-708b1f883774

A method for determining a slot format of an F-DPCH is disclosed in the present disclosure, including: a Node B using No. \u201d A system is proposed for programming and/or reading non-volatile storage that reduces the effect of program disturb. The plastic strips are installed in the grooves; the coppers are installed in the plastic strips, and they are connected to the power supply. A first uniform-width distance and a second uniform-width distance can be set independently, thereby enabling reducing the second uniform-width distance within such a range that the accuracy in forming the tip portion can be ensured, while increasing the first uniform-width distance within such a range that the overwrite characteristics can be ensured. The preferred method comprises the administration of a specific PGHS-2 inhibiting agent as defined herein. The planetary gear arrangement is disposed in a space that is formed by the concavity of the first drive disk and the opposing region of the second drive disk.

1459828655-e0e1ab0e-cf32-4fb1-9f6c-8f93e9108ed5

Embodiments provide devices, systems and methods for the transdermal delivery of chelated compounds. In one embodiment, the disclosed circuit comprises a first and second dynamically programmable current mirror sub-circuit. The localization members are casted in concrete ring beams. Since the selected workpieces are processed with different job schedules, the equipment can be automatically and remotely driven without manual mechanical manipulation and operator handling. The vertical MOS transistor also has an insulation layer that lines the trench, and a conductive gate region that contacts the insulation layer to fill up the trench.

1459828656-16cdf2c7-ec8a-493e-9149-3e2af9b7d455

This invention relates to a high temperature melting composition and a method of using the composition for brazing high temperature niobium-based substrates, such as niobium-based refractory metal-intermetallic compositions, including but not restricted to niobium-silicide composite alloys. The peripheral edge is comprised of a series of outer surfaces positioned at or beyond a first radial distance from a center point of the valve, and may be in the form of tabs, and an alternating series of inner surfaces positioned at or within a second radial distance from the valve or flange center point, as intervening portions. In particular, the refill container is provided with a coil terminated by one of a number of capacitors.

1459828656-39decdb-1cc5-4753-a1de-9102a3da66ae

A frame has a continuous upper surface with a pair of side-by-side elongate openings for receiving foot pedals. Expression systems for these channels and an assay using the expression systems are also disclosed. The appliance employs an assembly of materials which resists the outward pressure exerted by the veins by retaining its circumference dimensions, and which at the same time stretches longitudinally for comfort and mobility. The set of one or more rules specifies one or more constraints of resources associated with the at least one application framework.

1459828656-3e84a508-650e-4b0c-abdd-034fae263778

A conformal power adapter for insertion into a lighted artificial tree and for converting power received from an external power source to a power usable by the

lighted artificial tree. The controller utilizes a common ground for power circuitry, which energizes the windings of the motor, and the signal circuitry, which controls this energization responsive to signals from one or more sensors. A currently-performed signaling interaction is terminated according to the notification. This initial number of voice channels is within a range in which the queue, based on the desired failure probability, is calculated. This combination of features gives the ball a good, soft feel upon impact and an excellent spin performance that provides increased distance. , an aircraft fuselage at an opening therein.

1459828656-4f6e7a81-91a1-43ac-913e-e712b9d5f011

The method and system of the present invention provides an improved method for asset transition project management. Conductive colored layers functioning as pixel electrodes and color filters are formed by a process of discharging, by an ink jet method, a mixed ink of coloring material and conductive material to the formation area of a pixel electrode to be connected electrically to an active element. The aqueous additive systems of the present invention also provide a great degree of flexibility in preparation of matrix resin blends and formulations. The system ensures that simultaneous green or yellow signals on crossed streets are impossible even though the signals are connected to the same power lines, allowing also the use of a bus connection topology with a command driven control of the ON/OFF state for each individual light or signal.

1459828656-5368f1cc-d6a2-4264-8ab0-8e2af70280e5

Various semiconductor chip reinforcement structures and methods of making the same are disclosed. The system includes an RF interrogator configured for use with dental x-ray, medical imaging, film, and digital radiography apparatus, and may include a multiplicity of RF transponders or interrogators. The composite wave form is decomposed into instances of a discrete wave form, each having reduced noise amplitudes. A contact plate is mounted to a predetermined portion of the head to be brought into electrical contact with a corresponding one of the contact terminals.

1459828657-06e584c9-8e7e-430f-90b1-b88459985f7f

The invention provides a golf ball material which is a resin mixture composed of an olefin-unsaturated carboxylic acid copolymer and/or an olefin-unsaturated carboxylic acid-unsaturated carboxylic acid ester copolymer having a weight-average molecular weight of from 120,000 to 200,000 and a weight-average molecular weight to number-average molecular weight ratio of from 4. The transmitted signal includes, over a symbol time, a series of direct successive modulated pulses which propagate along a direct propagation path and secondary pulses which are associated with each direct pulse and which each propagate along a secondary propagation path. A second node is connected to gates of the second PMOS transistor and the second NMOS transistor and drains of the first PMOS transistor and the first NMOS transistor. Then, for each detected arrhythmia, a determination is made based on the data, whether there was a myocardial ischemic episode detected within a specified temporal proximity of the arrhythmia. The method includes flowing a heated fluid through a diffusion member against a backside of the substrate in a configuration that is configured to generate a constant processing temperature across the front side or processing side of the substrate.

1459828657-0d29c957-00bc-40be-8f6c-df4a63a59055

A system and method for establishing and maintaining an \u201calways-on\u201d data connection to a wireless network through the use of a back off timer and a service check timer is disclosed. Said universal module, can be optionally joined to a connector module which allows the union of two or more universal modules in a curve or straight shape or in three or more ways. In this way, the user may ensure a secure payment to a third-party through the network associated with a financial institution. The three memory chips stacked on the memory chip of the lowermost layer are disposed so that their short sides on which pads are formed are located

at the front end of the memory card.

1459828657-abd77a3f-2e0f-47a7-b0e4-12dbf9a5675b

An overvoltage protection control circuit includes a voltage conversion circuit, a voltage comparison circuit, and a switching circuit. The network device interface interprets commands and data received from the controller and polls the data channels in accordance with these commands. The mixer generates a modulator input by mixing data with a half clock signal.

1459828657-e1533401-e80b-48fe-9b8c-8993ee10843f

A method is described that involves identifying one or more images of respective one or more fixed markers. A memory system has a rewritable nonvolatile memory, a buffer memory, and a controller. The pole may include first and second arms that extend substantially vertically upwardly from the base, each arm made up of respective lower, central, and upper telescoping tubular portions. A test input file is partitioned into a number of segments, wherein the number of segments equals the number of test instances. Alternatively, routability may be estimated.

1459828658-6ca80ee5-76ca-44b8-bf83-7725c5cef374

We describe here a system and method which makes use of \u201cnarrative patterns\u201d to assess and affect the state of affairs within and among given organizations and communities with respect to given issues or objectives. In one embodiment, an apparatus includes a complimentary metal oxide semiconductor switch and a switch sense block. The memory buffer includes a serial interface over which commands are received from a memory controller. In an embodiment, the elements and its support are made of quartz. The emitter has a stack structure formed of a resistive material layer and an electron emission material layer containing a fine electron emission source formed on the resistive material layer.

1459828658-c160cc08-398e-4794-9302-0bb3470c45cd

A method of applying realtime effects to at least one lighting channel for a lighting fixture or luminaire is disclosed. The housing includes slots configured to receive and secure a lens. A protection circuit for the diode includes a first resistor and a second capacitor connected in series with the protection circuit connected in parallel with the diode.

1459828658-c5a03899-86d8-401a-a6fa-bb4a164f972e

An improved squeeze chute apparatus, which may be portable or stationary, includes a frame having an entrance end, an exit end, a first side, a second side, an upper end and a lower end. The pump includes a housing having an inlet tube on one end and an impeller casing on the other end. 005 weight % or more and less than 2. Slits are disposed in the plurality of flat portions of the clip main body, and the collar portions of the cup portion and the fuel damper are disposed therein and locked in a diameter-reduced state of the clip main body in which the clip main body is tightened.

1459828658-cebebd12-8eb8-4b9f-a7ca-024e1c550b28

Sputtering particles emitted from a target are ionized by the Penning ionization process. In one aftermarket embodiment, the method is implemented in an aftermarket remote start interface module. The surface tension at the edge of the slide is broken by the stream. The charge pump oscillator is enabled by the output of a comparator.

1459828658-d6cfbb15-75dc-4d32-bc3f-8a0d1573885b

A 3D surface wound, injury, and personal protective equipment data entry system provides an easily usable graphical user interface through which an examiner can objectively record data relating to surface wounds and injuries sustained by a subject human, as well as PPE used when the wounds/injuries were sustained. The nitrogen molecular defense system includes attaching bulky organic groups to charge



transport materials. A wet etch step is used to remove an oxide portion of the hard mask overlying the ILD, followed by a final touch-up Cu CMP step which chops the protruding Cu patterns off and lands on the SiCOH hard mask. The shock wave generator is moveable within the balloon to vary shock wave impingement on the valve.

1459828659-7c3a6ca4-639a-4281-bf4d-e08fbe256c5e

Dispersions of superabsorbent polymers are described comprising blends of polyols and super absorbent polymer. A logical partitioned data processing system typically includes multiple memory units, processors, IO adapters, and other resources enabled for allocation to multiple logical partitions. The search mechanism processes multiple filter rules for an application without requiring multiple searches and also allows various filter rules to be chained.

1459828659-964964a7-0406-444b-a90c-c10522c8be69

A filling material is produced by separating fibers of polyester, processing the separated polyester fiber, obtaining silver nylon material, separating the silver nylon, processing the separated silver nylon, and blending the processed polyester fiber and the processed silver nylon to produce a blend of polyester and silver nylon. To reduce response time, the storage managing server receives a first request issued from a storage managing terminal for executing the processing of the storage managing server, and a second request for executing processing including the communication of constructional information of a storage device between the storage device and the storage managing server. An input/output of a first side of the interconnect assembly is formed on a surface of the lower contact pads that is opposite the first surface of the lower contact pads, and an IO of a second side of the interconnect assembly is formed on a surface of the upper contact pads that is opposite the first surface of the upper contact pads. Advantageously, multi-parameter numerical optimization techniques may be employed in which the parameter set is varied to determine the overall optimal length  $L_{1opt}$ .

1459828659-b77b755d-3418-4a80-a6cd-f301a090f654

The apparatus is provided for sealing a vascular puncture tract by forming the autologous plug within the puncture tract, and extruding that plug into the puncture tract. The tray includes a sheet holding surface configured to hold the sheet. The graft copolymer is also such that a main chain moiety mainly consisting of the main chain and a side chain moiety mainly consisting of the side chain have microphase-separated structures. In another aspect, the control unit has a second mating surface complimentary to the first mating surface and a sensor configured to detect the presence of a flame disposed on a wick. Advantages include cost reductions and improved reliability due to fewer components and therefore fewer points of failure.

1459828659-ba4d763d-b128-47e4-868b-3ed0f0ebd8db

An elongate sample volume matching an elongate region of uniform RF magnetic field established by a saddle coil, is approximated by at least one pair of cylindrical sample tubes in parallel orientation with the geometric axis of the saddle coil. In an anode 122 connected to a drain interconnection 120 of a current-controlling TFT 202, slits are made. The control unit controls velocity of the transfer arms such that the simultaneously driven transfer arms simultaneously arrive at target points.

1459828659-cc04f885-3c5e-47a5-ad5b-e92141555fd8

The present invention relates to a generator of energy as a dynamo-electric machine with employment of the parallel and superposed forces, of artificial electromagnetic reaction between the primary and secondary of natural ferromagnetic reaction between the secondary and the primary. The method includes the steps of preparing a GaN seed crystal substrate including a first dopant such that the thermal expansion coefficient of the GaN seed crystal substrate becomes greater

than that of the GaN crystal, and growing the GaN crystal to a thickness of at least 1 mm on the GaN seed crystal substrate. A pressure sensor measures atmospheric pressure and inner pressure of the ink chamber.

1459828660-1ecd3ec5-bebe-479a-b95b-b3a1c22063d1

Provided is a credit card usage management system, which allows a credit card to be used to an extent that surpasses a credit limit defined within a fixed period without increasing the credit limit. The torque fitting generally comprises a threaded body portion and a torque-limiting body portion, wherein the threaded body portion and the torque-limiting body portion are arranged substantially concentrically along a longitudinal axis of the fitting. The method includes exciting the magnetic coil with a basic current intensity during an opening phase of the fuel injector, shortly before the end of the opening phase, exciting the magnetic coil with a current pulse that is increased compared to the basic current intensity, and, at the end of the opening phase, switching off the current exciting the magnetic coil. At least one halogen is provided within the chamber during at least one of the aluminum containing organic precursor flowing and the alkoxysilanol flowing under conditions effective to reduce rate of the deposit of the silicon dioxide comprising layer over the substrate than would otherwise occur under identical conditions but for providing the halogen. The throw-type compact reconnaissance robot includes a cylindrical body with a camera, drivers made up of two tires that are disposed on opposite sides of the body and is drivable individually, and battery units supplying power used to operate the robot and disposed in inner spaces of the tires of the drivers on the opposite outermost sides of the robot.

1459828660-2ef6e0b6-d708-44bf-b53a-2eb26430c130

A method and kit for determining a concentration of iron in brake fluid when contacting a colorimetric reagent such that a color results. Specifically, a method and system is provided that allows a control panel of a secure access system to verify the authenticity and fidelity of a reader within the secure access system by utilizing a rolling code agreed upon by the reader and the control panel. The gangway and its associated cage are slidably connected to the platform via a track carried along the side of the platform. The detector is configured to detect whether the service information stored in the first memory is appropriate each time the communications terminal starts a call connection operation to use the specific communications service based on the condition information. The data controller has a priority-reset means for increasing a priority of a received data before being sent. The filling is accomplished by cooling a pressure vessel, filling said vessel with at least one type of gas at a temperature which is higher than the boiling point thereof and closing the cold vessel.

1459828660-4edd6267-b8e9-44e5-8b8c-15816207ef49

An engaging element for engaging tissue is described. The high-voltage winding includes an electrical conductor, an insulator surrounding the electrical conductor, and an electrically conductive layer surrounding the insulator. A pessimistic assumption is made upon issue that denormal handling will be required and accordingly the write port reserved is a first predetermined number of processing cycles after the start cycle to take account of use of the denormal handling pipeline stage 20.

1459828660-78651fe5-ced0-41a7-96c0-69ba52696542

The present invention provides cyclic 1--alkyl prodrugs of GABA analogs, methods of making cyclic 1--alkyl prodrugs of GABA analogs and compositions of cyclic 1--alkyl prodrugs of GABA analogs. The vehicle can either detect the position detection elements, or the position detection elements can be sensors which detect the vehicle. On the lower surface side of the fixed hood, is disposed a fixed duct in a state that when the bonnet is closed one end of the fixed duct is connected to one end of the movable duct in the air flow direction.

1459828661-02f529e7-5908-4691-890b-68b950377cbc

Minimizing the damaging effects of loud music but with minimal reduction in aesthetic quality of the music. The adapter structure includes a main body. The width of the grooves and the size of at least the drive sheave in the system are selected so that a ratio of the groove width to the sheave diameter is within a selected range. Alternatively, the concentration of oxygen in the first layer may have a two-dimensional fluctuation, and a first region where the concentration of oxygen is equal to or higher than 40 atomic % and a second region where the concentration of oxygen is equal to or lower than 35 atomic % may be provided in the first layer. The sheet processing device further includes the housing holding the cutter, a locking member locking and unlocking the door closing the opening and a locking mechanism mechanically connecting the movable unit to the locking member and causing the locking member to lock or unlock the door depending on a position of the movable unit relative to the predetermined position. At the time of charge-control beam illumination and at the time of signal-detection beam illumination, an aperture pattern of the aperture array is selected, and conditions of a lens array, surface electric-field control electrode and the like are switched in synchronization with each beam scanning.

1459828661-f7785882-cd8a-4e81-bed2-b0d7bc1d7e67

A wind resistant sign enabled with a release mechanism providing for the sign pivoting from a starting point about an axis when the sign is exposed to a user determined threshold wind speed and a mechanism for returning the sign to its starting point when the wind speed decreases below the threshold. The plurality of predetermined conditions include a condition that a playback apparatus has a capability of playing the elementary stream, a language attribute of the elementary stream matches a language setting of the playback apparatus, and a channel attribute of the elementary stream is surround sound and the playback apparatus has a surround output capability. Each of the first and second electrochemical desalination devices comprises a plurality of successive operation cycles. All bearings for the pinion gear are physically located within the gear reduction unit. The incoming transactions are then presented to the plurality of agents. The buffer includes a peripheral buffer and a central buffer that has a step-shaped structure.

1459828662-288d2052-48fb-4a21-8c97-c4f4ceb491a3

A mortar of a granulated mineral wool, a hydraulic binder and water is placed on a roof to prevent roof covering layer of a substantially flat roof from being blown up in stormy conditions. The movement adjuster comprises an actuator, connected to an adjustment cam and actuatable so as to turn the adjustment cam about its own axis through preset angles. The restriction surfaces are disposed in the flow path such that fluid delivered to the inlet passes between the opposed restriction surfaces prior to flowing from the outlet. The broadcast rate of traffic information updates may vary temporally or geographically. The detector is configured to detect a low coherence interference signal including light that has passed along the reference optical path and light that has passed along the measurement optical path. The fan is rotated by an oil flow produced by dipping up oil for lubricating the engine.

1459828662-47b0cdde-7931-45fe-915d-3a87fc37d532

Disclosed herein is a compressor in which oil retained in a hermetic case may be raised through an inner circumferential surface of a rotating shaft. An identifier is read from a lift access product when the lift access product is in the vicinity of a lift boarding area and a scan record containing the identifier, location information of the lift boarding area and a time stamp if generated. With the large surface area, the electrode system of the present research improves efficiency and performance of various electric devices. Since the gas is introduced to the rear surface of the diaphragm through a small passage while the front surface receives pressure with a relatively large area, the protecting member covering the rear

surface is made softer than that covering the front surface. At a server of the service provider, one or more photographic prints of the selected images are automatically printed, packaged, and sent to the delivery addresses. The test mode controller outputs data to the pads from one of the first and second bank groups and then outputs data to the pads from the other of the first and second bank groups.

1459828662-77a27b7b-11fe-4a1f-a251-52699e147918

The present invention relates to a process of forming a phase-change memory. This system includes a memory controller which is coupled to a set of memory chips, wherein each memory chip includes a phase detector configured to calibrate a phase relationship between a data-strobe signal and a clock signal received at the memory chip from the memory controller during a write operation. The isolation assembly includes a shuttle moveable within a housing, and plurality of ports to selectively provide fluid communication from within the isolation assembly below the check valve, through the ports, and into the annulus, thus allowing selective surface-controlled equalization of downhole equipment. A control unit is arranged to control the gear clutches so that the gear clutches simultaneously engage at least two of the gearwheels thus to braking the output shaft. A binding comprises a coupler on either the shoe or wakeboard and a corresponding coupling mount on the other of the shoe or wakeboard to receive the coupler.

1459828663-5e7142b6-5b29-4022-87ec-477004439ed5

A digital reception apparatus includes a receiver that performs reception processing on a received signal and an adjuster that adjusts the amplitude of the received signal after the reception processing. The mounting members are attached to vehicle frame portions at the interior of the body structure to securely fasten the body structure and vehicle portion together. A three-dimensional plastic sheet can be provided to the transfer section of the rendering device. Then, the coated substrate can be selectively surface activated proximate to the defect, thereby forming at least one selectively surface activated region of the coated substrate.

1459828663-6237d19b-dd3e-48de-bb6b-987f36b7b02d

Under-cabinet lighting systems and methods include lighting fixtures are capable of being hidden from view by a decorative molding forming a part of the cabinetry. Such a hub represents a mechanical connection between the rotor shaft and the rotor blades. In an embodiment, wire bonds connects pads on the die to pads on the substrate.

1459828663-6401fd36-7d88-4949-89ec-bcfc08d279ae

System and method for transferring data from a first subscriber identity module card to a second SIM card are provided. A distortion amount is calculated in accordance with the difference between the position of a reference virtual ray and the position of a virtual ray projected during creating of the exfoliated picture, coloring is added to the virtual rays in accordance with the distortion amount, and the colored virtual rays are projected to generate exfoliated picture data. The coupon card is capable of scanning coupon bar codes from paper coupons and receiving redemption requirement data from a periphery device. A user or users are alerted to any change in the monitored document according to the user's preferences. Additionally, the data can be processed in a manner in which the green image elements are demosaiced first and then the red and blue elements are reconstructed based on values of the demosaiced green image elements.

1459828663-dbab75e2-f8da-4d58-998f-837cf2b43548

A process for preparing potassium monoethyl malonate by selective saponification of malonic acid diethyl ester with potassium hydroxide, in which the potassium hydroxide is added to the malonic acid diethyl ester, malonic acid diethyl ester and potassium hydroxide are used in a molar ratio of at least 1. The method includes a computer determining popularity of the previously broadcast video based,

at least in part, on a number of requests to rebroadcast the previously broadcast video. A pin extends generally outward from the shaft and includes a distal end. The control unit also includes: electrical means for monitoring the movement of the point blades and/or reaching of the end position, timing means for stopping an actuating stroke of actuators moving the point blades, and means for switching the direction of the actuating stroke. Valves that may be deactivated are controlled in a manner to reduce hydrocarbon emissions during the start of an internal combustion engine. Storage locations on the storage media are selected for streams of MPEG data according to the data rates of the streams of MPEG data and the properties of the available storage locations on the storage media.

1459828664-21ef5f94-a688-4810-80cf-e378140d240b

An Apparatus and method to produce a hologram of a cross-section of an object includes an electromagnetic radiation assembly configured to receive a received electromagnetic radiation, such as light, from the object. The device includes a first compartment delineated by a container and a second compartment at least partially delineated by a body connected by an intermediate part to the container. The switch is used to duplicate at least a subportion of the payload portion of a data unit within the stream of data units, and to enable access to the duplicated subportion of the data unit by two or more conferencing participants. The latch has a hook portion at one end and a transversely extending tab portion at the opposing end.

1459828664-9bdd29af-589d-4e4a-8d87-44cfb4770f49

A submersible electrical connector assembly includes an electrical connector mounted to a first substrate where a second substrate adjoins the first substrate. Embodiments may include a remote connector agent apparatus having a main body forming a connector cavity and one or more insertion snap pushers each having a lower surface. To this end, a solid core material is coated with an activable material and an outer panel is arranged in such a way as to form a hollow space which can be filled through the foaming action of the activable material. The subject invention also relates to other medical procedures including, but not limited to, cardiac output measurement, chest imaging, inhalation therapy, oxygen delivery, blood pressure measurement, extracorporeal shock wave lithotripsy, and pulse oximeter optoplethysmograms. Also provided is a compound of the following structure: . The inventive method also enables cancer cells to be removed totally from fluids or fractions thereof containing cells.

1459828664-b9c69d8a-bf8c-4a7b-a436-594eafc85824

A developer replenishing device included in an image forming apparatus of the present invention replenishes a developer from a developer container to a developing device and allows the developer container to decrease in volume when air or the developer is discharged from the developer container. The capsule is formed by laminating two dome-shaped films together at the peripheries thereof. It is possible to update and re-seal sealed data having a usability condition of matching with predetermined terminal environment information during a secure boot without rebooting a terminal when a program using the sealed data is updated.

0.2% or less measured at a compression density of 0. The present invention also broadly comprises a one-way clutch with inner and outer races, at least one engagement element, and at least one elastically deformable element. below the minimum reaction temperature, and is provided at the pressure.

1459828664-c27585c4-6a99-43d4-ace7-985f51dd1723

A plunger mechanism is formed of a plunger having a cylindrical body with a half-spherical tip. The electric motor includes a hollow output shaft of which the ends are located at and flush with two opposite surfaces of the motor, and the indicator includes a male coupling member with a cross-section matching the cross-section of the hollow motor output shaft. and the characteristics will not be varied so much even after a long period of use in a high temperature and high humidity

environment. Two parallel close sides and two parallel distant sides. The bit line voltage is correlated to a first control voltage on the addressed first selector, coupled to the addressed phase-change memory cell.

1459828664-d9060691-4f2d-4ec9-b16a-a542a9a5367a

In a linear compressor having a compression mechanism for compressing and discharging a refrigerant, an inflammable refrigerant or a natural refrigerant such as propane, isobutane, carbon dioxide or the like is used as the refrigerant while no lubricating oil is filled up, thereby improving the system efficiency and reducing the amount of refrigerant. In one aspect of the invention, each method within a class file is associated with a corresponding reference cell. The system includes a first server interface for receiving a message containing a PRID associated with the call, a second server interface to access the data base for searching for the PRID in the data structure; a third server interface to receive an output from the database indicating whether a PRID has been found in the data structure; and a fourth server interface to send the call to a PSAP. When the specimen is pressed against a pressure detecting region, both electrodes touch each other at a sensor part corresponding to a protrusions of the specimen and are separated at a sensor part corresponding to a recess. A dispersion compensator compensates for dispersion in the multiplexed light. The nose pad is installed by passing through the insertion posts to the vertical through hole in the upper projection and fastening the ends of the insertion posts onto the positioning groove in the lower projection.

1459828664-dd038aeb-64b1-4092-91ac-0f64149e21d3

A fuel cell section system has a media-cooled fuel cell with an anode space and a cathode space. Each key is provided with a long weight lever disposed along the length direction of the key 3 at an upper part of the key on the side opposite of the key to the playing side. Further described, is a catalyst used for the reduction reaction which is a catalytic system including a composition based on cerium oxide and including niobium oxide in a proportion by a mass of from 2% to 20%. To shorten the path that current must travel through the contact, one spring arm terminates in a bellows leg that extends proximate to the second spring arm.

1459828665-0a69c47d-81b5-40dc-b88d-db61611edda3

A method, apparatus, and system is described for distributing a rule to a distributed capture system and storing the rule in a global configuration database, wherein the rule defines an action for the distributed capture system to perform regarding packets intercepted by the distributed capture system. The goggle frame can define opposing lateral portions and a central portion. Each of the one or more blocks includes a preamble and a plurality of operators ordered for execution in a predetermined sequence, wherein for a specified block the preamble defines one or more conditions required for uninterrupted execution of the operators included in the specified block. The method also includes generating an integrated image frame wherein each pixel having detected motion is integrated by an amount less than that of those pixels for which motion is not detected. With this configuration, reaction fluid, such as a hydrogen containing fuel, is effectively prevented from leaking through the rib cutting part or a frame cutting part, thereby enhancing the stability of a stack and the power generation efficiency of the fuel cell system.

1459828665-2ad2b671-cdbe-4657-9225-8e87ee66bbab

A core construction for use in a filter element includes a tubular member having a wall with opposite first and second ends. The process comprises contacting contaminated carbon with peroxide-containing materials for a sufficient amount of time using enough peroxide to provide effective disinfection in a process that is relatively non-hazardous, convenient, and carbon-friendly. Thus, even after a calling process unloads the driver, it remains loaded for a period of time longer because of the spawned delay process and allows the operating system or an applicationprocess to use the driver again within the delay time without requiring

the driver to be re-copied into memory or re-initialized. Forming at least one opening to a working surface of a silicon substrate of the semiconductor device. The trihalosilane has the formula  $\text{RSiX}_3$  wherein R is an alkyl group having from 1 to 4 carbon atoms, an aryl group, and wherein X is a halo atom.

1459828665-9e0f0636-c870-4c7f-a472-a8fd7f2ea0c7

A system for stabilizing the angle of incidence of a beam of electromagnetic radiation from a vertically oriented Arc lamp onto a horizontally oriented sample surface. The first gate electrode and the second gate electrode are electrically insulated from one another, which can be effected by means of a portion of the storage layer sequence. In a preferred embodiment the dynamic range and noise rejection level are varied for different regions of a patient's anatomy as a function of all scanning coordinates being used, including varying depths, steering angles, and linear positions for both sector-type and linear-type scans. The movable valve includes an inlet ball valve for limiting the flow of pressurized fluid into the hydraulic section and an exhaust valve for limiting the exhaust of pressurized fluid out of the hydraulic section.

1459828665-e025963b-c1a5-4884-859f-9c40767d6a65

The information categorizing apparatus comprises a feature element extraction section which extracts a feature element for each categorizing category from a plurality of sample texts included in the categorizing sample data in which a sample text group and a plurality of categories are associated with each other in advance. The heat exhaust exhausts heat from the heat exchange unit to a remote location from the electronic device. The ring is made of electrically insulating plastic, and the plate edge is accommodated in a watertight manner on the inside of the ring.

1459828666-12827fc7-b902-429c-bf66-bd6dc8986d1e

An encoder uses output symbol subsymbols to effect or control a tradeoff of computational effort and overhead efficiency to, for example, greatly reduce computational effort for the cost of a small amount of overhead efficiency. The photo detector unit includes a substrate, which is patterned with a wiring pattern and transmits the light, a detector to detect the light, and a bump to space the substrate from the detector, and to electrically connect the detector and the wiring pattern of the substrate. Additionally, a moveable assembly may be coupled to the display. The nano fibers used as reinforcing material can be uniformly distributed within matrix components by a single procedure, and the contact area between the nano fibers and the matrix components are very large because the diameter of the nano fibers used as reinforcing material is small. A joint detection matrix is then formed based on the estimated spatial weights, the joint channel response model, and a user code channel assignment.

1459828666-356a00ca-6a41-45e6-b49e-959ad4c5396b

A voltage source inverter generating a poly phase AC signal is provided that includes an SVPWM controller. The device includes an elongate flexible member configured to be positioned adjacent the perimeter surface of the body structure, an atraumatic tip positioned at a distal end of the elongate flexible member, and an elongate body. \u2014CH2CH2\u2014C\u2014 \u2014. The plurality of driven teeth include a root transition for preventing a driving tooth tip edge from contacting an adjacent driven tooth. The linear grind marks increase a strength of the plurality of semiconductor die to resist cracking. To accomplish this object, the power supply for a vehicle controller is maintained by allowing a self-holding relay to stay on even after turning off an ignition switch.

1459828666-a1e36364-2d42-4a5e-b998-9b06345f0269

A device for hanging an object on a surface. The received signals are despread on a transmitter antenna-by-transmitter antenna basis according to a preset spreading factor. It is determined whether the drive serial number or a world wide node name

are in an entry in a drive table. When deployed, the inflatable structure is of substantially increased interior volume. The electronic component may include any one or combination of a radiation emitter, a thermal or optical sensor, a resistor, and a microprocessor or other semiconductor component.

1459828666-e33bb993-1afa-4ec2-ab30-417e28adf7ed

A lamp having a longitudinal axis, comprising of a burner pinched at one end and a cement less base holding the contact points protruding from the burner. The composition has a high gloss and a deep black color that is unexpectedly much more light stable than a comparable black-color plastic using a carbon black pigment. A computer-controlled milling machine utilizes the image to form a solid model of the breast.

1459828666-f92dbaf0-3a6d-4c81-b0f3-0a8a3b174a17

Conventionally skinshades are tanned with metal-ions and vegetable tannins. Said heat flow is lower at night and during weak insolation and begins to increase when the lattice is solar heated. The digital processor is configured to process the electrical digital measures to recover the data carried by the optical input signal.

1459828667-127a31fd-7fd4-4fe4-94df-ddb5ac8f645f

This invention is directed to an electronic device with an embedded authentication system for restricting access to device resources. A delivery device integrated with the at least one oxidizing catalytic converter delivers a reducing agent into the exhaust-gas stream of the engine. A timing path detector can connect with the security processing unit.

1459828667-7ecfda65-b56e-4763-8fef-7ff2a1cff11f

An ultrasonic diagnostic apparatus is disclosed which can reduce the device amount of a receiving circuit, while obtaining the shape of an excellent received beam. Methods of preparing the compounds and uses of the compounds in therapy, in particular for a CNS disorder such as depression or anxiety, are also disclosed. The click spring relatively rotates the output rings by the stoppage of the rotation driving of the output gear.

1459828667-b19fb43b-2cf0-4059-aa78-b0420bf2f105

A media cassette includes a body having a removable lid. A photographically captured source image of an item is obtained. The housing has inlet and outlet channels formed therein, with the outlet channel running through the interior of the inlet channel. The transition regions undercut the groove side faces, wherein the rounded transition regions are configured, at least in part, as circular arc segments which undercut the groove bottom.

1459828667-df6cc627-fcbc-44b6-99a2-f4c6b5d07adf

A hose clamp which can be produced at a low cost and quickly clamp a hose is provided. A service provider of the wireless wide area network may then use the indications in the electronic records, at least in part, as a basis for billing a user of the wireless device. The resulting display device offers a lower cost display device having greater flexibility for a wider variety of applications than traditional image display devices, without compromising image quality. A first load transistor is connected in series to the amplification transistor and is controlled by a second control voltage.

1459828668-07c0d964-1bb5-4526-a153-5f70be13e2da

The invention features compositions and methods for site-specific modification of proteins by incorporation of an aldehyde tag. The unit comprises a series connection of, successively, a coring circuit, a differentiator, and a limiter. Accordingly, since it is possible to accurately distinguish whether an object existing in the lateral or oblique direction of the vehicle is an approaching



moving object or a stationary object, it is possible to appropriately determine whether or not the object is an approaching moving object. An approximately hemispherical acetabular component is then disposed in the prepared acetabulum to provide for hip rotation relative to the femoral component. A second conductive layer covers the opening of the passivation layer and is electrically connected to the first conductive layer. The plasma display apparatus also includes a barrier structure, the inner surfaces of which being disposed along the outer ends of the plurality of display element electrodes and thereby defining a plurality of cells each of which is to be activated by the associated one of the plurality of display element electrodes so as to emit light.

1459828669-e28ff78f-3d02-467c-b70c-801f9609ec1a

In a temperature sensor circuit, a temperature sensor is configured to output a first voltage corresponding to temperature. This invention thus relates to the seeds of soybean variety XB42K07, to the plants of soybean XB42K07 to plant parts of soybean variety XB42K07 and to methods for producing a soybean plant produced by crossing plants of the soybean variety XB42K07 with another soybean plant, using XB42K07 as either the male or the female parent. Selecting a Walsh code in accordance with the Walsh code number determination and assigning the selected Walsh code to the new call are set forth. The output of these prediction algorithms is used, together with chemical bonding measurements of the dielectric that is being investigated, as input to a program that computes the dielectric properties of the dielectric.

1459828670-3fcdb6a9-5a0f-4b1d-a67a-b09dd2141e8d

Disclosed is a method for electric clamping, which performs a clamping process in parallel with a core-drawing-in process, avoiding damages of molds and core mechanisms and enabling secure clamping. The first threshold is applied to the incoming sampled analog data. , greater than about 60-95% of the cerium present is reducible. Another feature is the geometry of the refractory chamber and the interaction of that geometry with heat energy introduced into the refractory chamber. In one embodiment, a method includes determining a power mode to be at least one of a primary power mode, a backup power mode, and a series power mode; and selectively controlling power to the power latch system based on the power mode. The cartridge bounds a reservoir space for holding the substance to be dispensed and includes a flexible wall part bounding the reservoir space for allowing reservoir space volume to accommodate to a volume of the substance filled therein and volumes of the substance dispensed therefrom; a rigid wall part also bounding the reservoir space, and a rigid housing.

1459828670-826c1e58-36ff-4c6b-bb36-ac1d0fda0ab5

Calibration circuitry and method for maintaining constant signal detection thresholds for multiple signal receivers that receive data signals in the form of current signals. The slurry delivery subassembly includes at least one transport tube extending longitudinally along at least a portion of the sand control screen assembly. The main body member has position reference holes formed therein so as to serve as position references for the direction change pipes, respectively, whereas the direction change pipes have positioning protrusions formed thereon so as to be press-fitted into the position reference holes, respectively.

1459828671-af8e5112-21a9-4a5a-8332-1afb68d980a3

A method and apparatus for reducing a length of an antenna involves an arrangement which includes an orthogonal antenna feed. A time measuring device measures a time difference between a time when one of the first and second detecting devices firstly generates a pulse signal and a time when the other one of the first and second detecting devices firstly generates a pulse signal after measuring start. The method generalises the use of information retrieval ranking methods such that these and new ranking methods are available for relational databases. The lines of sight of both eyes of the observer are then detected, and a distance from the view

point of the observer to the subject is measured based on the line-of-sight data.

1459828672-3e9373f0-00fa-4a7a-b0c7-dd7290c3b13d

Aspects of the invention provide an improved solution for processing packets in a packetized communications network. Fundamental molecular vibration modes of target contaminants present are briefly activated after the surface has been driven out of thermal equilibrium. The coated cores are agitated as their coatings expand to prevent them from clumping or agglomerating during baking. The first thin film transistor and the second thin film transistor in each pixel unit are connected to a same one of the gate lines and a same one of the data lines, and to the first pixel electrode and the second pixel electrode respectively. The logically partitioned data processing system also includes a hypervisor for creating and maintaining separation of the plurality of logical partitions. The fuse booster system uses shaped charges that will ignite the main high explosive charge of the bomb or penetrating warhead, and also remove portions of the bomb or penetrating warhead to reduce the power of the bomb at the target in a measurable manner to control the lethality and collateral damage of the bomb or penetrating warhead.

1459828672-5c49fc3f-4187-44aa-841c-7fbb1d2e0888

A method and system for probing with electrical test signals on an integrated circuit specimen using a scanning electron microscope positioned for observing a surface of the specimen exposing electrically conductive terminals on the specimen. The photoreactive resin composition contains an inorganic powder containing a polyvalent metal powder and/or a polyvalent metal oxide powder, an alkali-soluble first polymer having an ethylenically unsaturated double bond, a monomer having an ethylenically unsaturated double bond, a photoreaction initiator, an organic solvent, and a second polymer having a pyrrolidone ring in a side chain. Then, an orthotic is selected from the set for which the standard arch height most closely matches the measured arch height. The low-voltage connector is arranged on a rear side in the vehicle. A first tongue plate is formed on the sidewall of the housing and bends inward. The conductive particles accommodate height variations among electrode terminals, allowing the composition to achieve stable interconnects between all electrode terminals.

1459828672-7cf201f5-adf3-4794-b53e-a285edfdd2f0

Cutting machines with high-speed safety systems, and firing subsystems used in high-speed safety systems, are disclosed. A nose extends from an upper portion of the first end and is adapted to engage an upper surface of the building block. First they compute the optical density setting of the lenses for optimal viewing of 2D movies as 3D. A user interface allows a user to insert entities from the library into the process diagram and insert connections between the entities to show logical relationships between the entities. Next, the negative pressure is applied again at time point 166d for a definite period of time.

1459828672-ebc789b4-f357-4dc5-8a2b-e3ad683c8f98

A bone screw extender reattachment system including an elongated reattachment rod having a proximal and a distal end. The detectors are arranged in a readout circuit that can be constructed on a monolithic semiconductor product such that one or more of the detectors can be switched on or off to include or exclude an output contribution from said detectors and enhance the response of the pixel. The rooting pin having a laterally open recess. Systems for performing the methods, as well as computer-readable media for performing the methods, are also described. A bulk amount of the food starch material is placed into the puffing chamber. For control purposes the current or capacitance is measured by a measuring electrode encircling the cable and connected to a high frequency source.

1459828673-266a450c-6a19-4eeb-b899-274e755b9a04

Method and system for manufacturing CMOS image sensing device with reduced blooming. This tool enables a single person to easily attach the sheathing to an

underlying structure. The holding member and the mounting flange are fixed to each other by plastic shaping of at least one of the two members. The invention is suitable for promoting non-anatomic or heterotopic bone growth between any bony surfaces where bone growth is desired but does not naturally occur.

1459828673-4200a882-b898-4fab-8566-7994b7025d8e

A packaged semiconductor device includes a semiconductor chip having at least one selectively thinned substrate region. The intelligent router can be used alone or in combination with a second intelligent router. Data can be collected continuously. The method further includes acting on the request in accordance with a control policy defined by a pluggable policy.

1459828673-7c05ab31-a626-4d58-b41b-7a36532bc452

A system and a method for allocating dividends to stock shares are provided. A substrate used for manufacturing the semiconductor device is fabricated by forming trenches in an n-type main semiconductor layer 1 and performing ion implantation and subsequent heat treatment to form an n+-type field stop layer in the bottom of the trenches. The method also includes generating a request for content, receiving an electronic file in response to the request, and evaluating the electronic file to recognize a match between at least one portion of the electronic file and the data pattern. The rim is releasably secured to a ceiling surrounding the recessed lighting and a decorative lighting fixture or lens may be secured to the rim.

1459828673-928913a6-3668-46ec-8ec7-ce5463d258f9

A method and associated apparatus for testing telephone system operation. The SLID bond exhibits a first metallic material and a second metallic material, wherein the SLID bond comprises the intermetallic AlSn-phase. The utility vehicle may also include an air inlet for a CVT cooling system positioned to draw air from the operator area.

1459828673-ef676457-0f0a-41b1-97c4-2e077df55352

A golf bag dolly assembly attaches to the base of a golf bag to facilitate moving the golf bag. The system includes a sensing apparatus configured to obtain positional data based on movements of a sensed object. Furthermore, the effective access latency of these traces is reduced.

1459828674-01bb3bef-ba84-4018-81d9-620a03826e68

A method and apparatus are provided for reducing power consumption in a data collection device. When a request is received for importation of content into a secured domain, a search is made in a signature certificates cache for a signature certificate associated with that requested content. In other embodiments, the video content is segmented such that a user is provided the ability to select one or more objects in the video. Data is continuously input, analyzed, organized, reorganized and used for specific commercial and industrial applications. The MR element has the above-described structure, thereby being capable of obtaining high resistance and a high rate of resistance change. In addition, by incorporating a uniquely constructed, moving wedge plate that is adjustably engageable with any cooperating anchor pin, secure affixation of the mounting member with the anchor pins of any diameter is easily achieved, regardless of the orientation configuration, or diameter of the anchor pin.

1459828674-66207095-1b9e-4927-9e25-98ae8414a118

The invention aims to provide a perylene derivative preparation process featuring satisfactory yields and improved preparation efficiency, a perylene derivative obtained by the process, and an organic EL device using the same. The proximal section includes a head defining an aperture for receiving a fastener, and the distal section includes a pair of expandable wings displaceable between collapsed and expanded positions. The method further includes executing, using a processor of the receiver, instructions stored in a memory of the receiver. The ramp voltage

signal facilitates the ring oscillator to output the waveform at a frequency that varies with time, wherein the varying frequency is within a frequency range of the crystal oscillator. In addition or in the alternative, the holder may be constructed and situated in a manner effective to draw fluid from the conduit opening to provide a controlled reservoir of fluid for absorption by the sample against gravity.

1459828674-66fb9d3a-328a-445b-9be3-af5a1fe9739d

A photomask blank has a light-shielding film composed of a single layer of a material containing a transition metal, silicon and nitrogen or a plurality of layers that include at least one layer made of a material containing a transition metal, silicon and nitrogen, and has one or more chrome-based material film. Using a feedback relationship, a bias for a main stage that receives a first differential input of the comparator is produced. Using plural gas streams from a nozzle reduces the risk of fluidization of the solid bed because the number of gas raceways in materials in the gasifier is increased. By the control of the number of Rx data units, the communication system controls the number of parallel-communication data units to be equal to a maximum value capable of being implemented by the MIMO-SDMA wireless data communication. The conductive element is conformed between the circuit board and the clasp.

1459828674-9a89449e-41c2-4c6a-9ad9-826abc50d99f

A connection apparatus and associated method are provided. The roof structure is formed by a pole members pivotally mounted to the upper ends of the legs so as to extend across the shelter, and movable between a lowered position and a raised, upwardly arching position. This targeted substance preferably selectively binds to the target tissue.

1459828675-e199be7b-6bb9-4889-9bcb-89f9fe3fb38a

A Guided Soft Target system and method provides a versatile test system and methodology for the evaluation of various crash avoidance technologies. The overall inspection quality is preferably substantially improved when the inspector and/or operator can focus entirely on the material under inspection while maintaining full control of the inspection equipment and the inspection process. , and can be used for advanced polymer material fields.

1459828676-2fae31e7-ab6e-45f5-866f-79ebc1df4240

An optical connector for contactless communication is provided. First, it is arranged in this invention that at receiving a gateway exchange instruction an information notifying means may notify a radio intelligent terminal of the generation of gateway exchange. 1 and that has such mutation that glycine is inserted as a 269th amino acid in the sequence.

1459828676-6a641dec-9e72-4b6e-a153-328979902872

A magnetoelastic torque sensor has an emission coil for generating a magnetic field in an object, the torque of which is to be determined. The compound may be used, for example, for the treatment or prophylaxis of obesity, hyperglycemia, dyslipidemia, and type 1 or type 2 diabetes. This stimulation sequence prevents the same set of nerves from being stimulated too often, which can result in stimulus adaptation and cause measurement inaccuracy. The method and system may optionally be used to record information about the query signals, the number of matches recorded, and other useful information about the query signals. A method of reading out multiple groups of pixels is provided wherein values corresponding to the charge collected by one group of pixels is readout at a different time than the values corresponding to the charge collected by another group of pixels.

1459828676-a98a8fe1-8046-47a8-a408-627b4a8ecd60

Memories and methods for providing and receiving non-data signals at a signal node are disclosed. The interface is configured to access one or more desired component

repositories through a web service. By holding the conductive portion of the film-deposition suppression device and the conductive substrate at substantially the same potential, film deposition on the other surface of the conductive substrate is suppressed. If the language of the text is not the language of the audio file, then a related language is determined. The controller also includes a peak current detector for detecting the peak of current flowing through the electromagnet in the first predetermined period. The invention is further directed to a pneumatic runflat tire comprising a sidewall insert, the insert comprising the rubber composition.

1459828676-bfab84d2-00ef-4be0-924a-59d7eaec8bf7

An x-ray CT system and a method are disclosed for creating tomographic recordings with the aid of an x-ray CT system, with two emitter-detector arrangements operating with an angular offset on a gantry with at least two different x-ray energy spectra. The supermagnetostrictive alloy has a degree of order of 0. By anisotropic back-etching of the dielectric layer, the semiconductor substrate is exposed at the bottom of the second trench. In preferred embodiments, the composition is injected onto a metallic or thermoplastic carrier. The first side surfaces are formed by cleavage along cleavable planes. Then, a second etching procedure is carried out on the silicon-containing photo resist layer to form a plurality of second openings by using the second photo resist pattern as an etching mask.

1459828676-ef4a1112-1fea-4767-a026-62ad5bc11baa

According to one embodiment, a method of processing broadcast data in a broadcast transmitter includes: encoding the broadcast data for broadcast service; encoding signaling information for signaling the broadcast data; assigning the encoded broadcast data and the encoded signaling information into a signal frame; and transmitting a broadcast signal including the signal frame. The RF transmitting apparatus comprises an interface, a modulating module, an amplifying module, a transmitting module, and an antenna. An improved method for forming such materials includes the solution diffusion of a storage material solution through a porous wall of a hollow element into an interior cavity. The first program may be transmitted with the first caption stream including first captions and may include first content configured to be played back at a first speed.

1459828677-067ea406-1ae7-4bdf-8a3d-0148cae8f06c

A composite conductive film formed of a polymer-matrix and a plurality of conductive lines less than micro-sized and its fabricating method are provided. The handle protrudes downward from the barrel. The temperature budget can be kept low in the base region since no implantations are required in order to reduce the base connection resistance. Each first surface refracts the light along a direction parallel or not parallel to the axis of the lens depending on the zone. The trough can be opened and the projectile can be recovered from the filling substance.

1459828677-09442abf-3de0-488d-9aa5-24ce8b81b526

The present invention relates to systems for circulating water in a potable water piping network to prevent the stagnation of water in this piping network. The various parts of the strategy may be graphically displayed to the user, and any modification to the strategy made by the user may be dynamically integrated into feedback of the graphical user interface. The system includes handheld software that allows an anesthesia provider to log information related to a patient during an anesthesia procedure. The single-chip multiprocessor system uses ILP to increase the performance.

1459828677-3d0b8a2e-a291-42db-aab0-3bc39fd4d136

The present invention provides a means by which the reliability of communication between any RFID reader and tag in an RFID system is improved by using an interleaved parity algorithm. The timing method contains generating at least a buffering area in the mobile station; receiving a first action executed by

a lower layer of the mobile station; after the mobile station receives the first action, updating a value stored in the buffering area; and if the value stored in the buffering area reaches a predetermined value, the mobile station performs a second action. The actuating assembly is mounted on the face plate, and has a means for receiving the toggle switch arm such that a linear movement of the receiving means moves the toggle switch arm from the first to the second position or vice versa. The presence of nitrogen and phosphorus in the silicon prevents diffusion of Si atoms into metal conductive layers such as aluminum, even up to diffusion and packaging temperatures. A second step is generating a code book having the ordering property for sub-matrices by utilizing the target vector and the code vector. The compression is accomplished by combusting a gas in a chamber and selectively diverting the high pressure exhaust to a container or conduit and selectively sealing the combustion chamber from the chamber when the chamber is reloaded with combustible gas.

1459828677-48521d2e-2ccc-4d80-803a-803661530ae6

In a method for manufacturing floor panels that have at least a substrate and a top layer provided on the substrate, the top layer including a thermoplastic layer that is translucent or transparent, the method may involve providing the top layer, including the thermoplastic layer, on the substrate. The invention encompasses novel compounds, analogs, prodrugs and pharmaceutically acceptable salts thereof, pharmaceutical compositions and methods for prophylaxis and treatment of diseases and other maladies or conditions involving, cancer and the like. The curved rod member can be mountable above a welt of a footwear. An AGC circuit incorporating a hysteresis circuit in the feedback loop is also disclosed. In this manner, the purchaser of the aeration service can avoid relatively high fixed costs that can be associated with various aeration hardware. Pharmaceutical compositions comprising compounds of the present invention and methods of treating conditions such as NIDDM and obesity are also disclosed.

1459828678-70f6b826-cd0d-4434-9379-ba4b0b95182b

An automated banking machine includes a mechanism for accepting deposited items. Cathodic arc source comprises focusing magnetic source for generating magnetic field, arc cathode containing film forming material and anode. The detector may be a standard sequence detector or a modified Viterbi detector, which calculates the branch metric using a pattern dependent equalized output and a pattern-dependent target. The accumulation section catches a determination result according to an accumulation-transmission signal.

1459828678-7815d30d-ff4b-46fc-b381-5a6b015c8f98

A convertible has a car body and a lid part arranged to the rear of the car body. When the first group III nitride compound layer is formed on a substrate by a sputtering method, the thickness of the first group III nitride compound layer is set to be in a range of from 50 \u002b to 3000 \u002b. At least one of the upper lid 52 and lower lid 54 is formed with a projection protruding toward the matrix 60 so that the upper lid 52 and the anode 10 electrically come into contact with each other and that the lower lid 54 and the cathode 20 electrically come into contact with each other. The method further includes exposing a portion of the interconnect layer through the second protective layer; forming a barrier layer on the exposed portion of the interconnect layer; and forming a solder bump on the barrier layer.

1459828678-786c4a47-9d58-4c77-ac5f-430fe893cd09

There is provided an optical recording medium-manufacturing apparatus that is capable of accurately transferring a disk-shaped apparatus during a manufacturing process, and at the same time occupies a small installation area. The component manager presents the URL to a download manager that asynchronously retrieves the component resources from the specified location and places the file in a staging area. In a slot-antenna embodiment, a microstrip feed line may be disposed on the substrate across a slot over the cavities. Tools made by the method also are

disclosed. A correction technique can be implemented to correct for liberated electron that become trapped to improve the energy resolution of the high-energy detectors disclosed herein. The device includes two coaxial case rings arranged one inside the other and connected by tubular radial arms through which fluid ducts and electric cables pass.

1459828679-4fa26879-8a44-4309-9404-efca7d50d4fb

The present application describes a process for conjugating a PNAG which is less than 40% N-acetylated to a carrier protein. Two pairs of electrodes are connected to a constant current circuit through analog switches respectively. The warpage prevention conductor overlaps with the external electrodes when seen from a z-axis direction in a plan view. The originating MSC system then receives a repeat dialing instruction from the calling party and transmits a repeat dialing indicator to the terminating MSC system. The use of poly co-polymer eliminates the need for a separate thickener. 0.5Nmm for a pseudo-adhesive state, a layer of an unvulcanized rubber composition in an order of layer layer layer to bond the layer layer so that the peeling strength, determined based on JIS K6256 at 30°C.

1459828679-50285041-9ae8-479f-aa41-9a0c9f5c7828

Fingerprint images that are required for fake-finger determination can be acquired with a single input operation, and the user-friendliness and the determination accuracy of a fake-finger are improved. The aluminum-based pad layer is also generally used as a wiring layer. In some embodiments, a number of spacers may be disposed between the top and bottom glass sheets to maintain a desired gap between the sheets. A method of fabricating a phantom is also described herein.

1459828679-79399d10-73c3-48da-b087-0989b92e9ead

In a head protecting airbag device, an airbag includes an inflation portion and a connection port portion. A first power supply network electrically connects the power supply and the first brake component, and a second power supply network electrically connects the power supply and the second brake component, the power supply networks being adapted to transmit the electrical power from the power supply to the first and second brake components respectively. According to the invention, the plug is placed and concealed in the storage recess, and the battery charger may be packaged and stored by occupying minimal space. A third and a fourth correcting unit having different precisions correct a total-width magnification error based on detections by the first and the third detectors.

1459828680-78da398c-feed-4bf9-9d8f-2a0006eb2215

A method and apparatus for providing welding power from an engine/generator driven welding power supply includes an engine and a generator. This is achieved by a fuel tank with a fuel cavity of variable size and a mechanism for compressing the fuel cavity. At this point, a voltage compensation circuit amplifies the voltage amplitude of the digital image signal or transforms the amplitude, and applies the result to a gate electrode of a driver TFT.

1459828680-c99955cd-d378-4dbe-8e14-6a765d7300ed

The present invention provides a compound of formula I and the use thereof for the therapeutic treatment of disorders relating to or affected by the 5-HT<sub>6</sub> receptor. In particular, the present invention relates to the optimization of the oil drain interval of a vehicle by using a base change interval and optimizing it based on the operating conditions the vehicle experiences. The first conductive features and the second conductive features each include two metal lines extending along the first axis. The adaptor device provides a basis for aiming or targeting a device such that the targeting device may be detachably positioned in a stable spatial position with respect to the body implant. Communication between the two persons is accomplished by exchanging digitally compressed video and audio via a voice or data network, either public or private. Next, the powder particles are embedded on the surface of the adhesive layer as a monolayer in which part of the powder particle

protrudes, so as to form a laminate, and excess powder particles adhered to the laminate are removed.

1459828680-e9d85989-c473-4d8b-9bcb-c63ca15ca891

A process cartridge is provided detachably mountable to a main assembly of an electrophotographic image forming apparatus. The front and rear surfaces may be parallel to one another, or may instead be non-parallel. The input module receives a description of a region of a document. The counter value is updated so that its value reflects recent trends in the input signals. As the result, the decoder will have more flexibility to schedule the execution of these commands. In some embodiments, the objects comprise casting molds or mold parts comprising a tile structure.

1459828681-b6d7c44e-d706-4789-b350-0ee5ef03c417

Polynucleotide and polypeptide UKW are specific for pancreatic tumors. Generally the invention has a frame clip and a spring clip. The felt for papermaking exhibits a hydrophilic capability as a felt structure from an initial phase of use. The second label layer releasably covers at least a portion of the first label layer so that the return address is not fully visible when the second label layer is releasably coupled to the container. The present methods can be combined with upstream analyzing of Unicode ranges for characters in the text sample to limit the number of languages considered. The equipment support comprises an equipment supporting portion configured to support patient care equipment and a coupler coupled to the equipment supporting portion and having first and second clamps.

1459828681-b90a192b-51de-4500-8e1c-bff76db47b5b

Sets of ranges typically are maintained using an associative memory and may be used to identify a matching range based on a query point or query range and to maintain sorted elements for use, such as in providing priority queue operations. A general-purpose processor and an auxiliary processing unit interface coupled to the general-purpose processor are provided. In one aspect, the fields are translated and/or modified in space at a speed substantially comparable to the speed of translation of the fastest particles in the sample. The scheduler determines the weight for each of the subscriber units based upon an instantaneous rate of consuming the finite resource. cooler than the feed temperature of the liquid reaction mixture to the flasher and the concentration of acetic acid in the crude product vapor stream is greater than 70% by weight of the crude product vapor stream. The transport roller includes an opening in the region other than the medium supporting region in a seam formed by matching the pair of end surfaces with each other.

1459828681-c5f44061-52c5-4486-bfe3-e31153886e6a

A plate handling apparatus includes a loader, first and second air cylinders, and first and second detection units. In one aspect, an apparatus is provided to generate an output phase at a predetermined time relative to an input clock signal and dependent on a logic phase width of the input clock signal. If the other one of the central or remote terminals receives the predetermined data and thereafter detects a predetermined period of silence, the startup session is terminated. According to the invention, the valve insert is configured as a slotted bushing, having a collar integrated onto the second end of the valve insert in order to increase an outer diameter and a shape stability of the valve insert.

1459828681-eb5e0792-190f-4254-8842-d3d7b5a6de9e

The present invention includes an apparatus and method for operating a gaming device that enables or activates one or more poker hands upon the receipt or wager of a single credit from the player. This tongue and mouth stud includes a means for dispensing a substance comprised of an internal cavity for storing and dispensing the substance contained within through one or more openings in the surface of the tongue stud that are contiguous with the internal cavity. The first position is



remote from the edge of a sheet stack in the direction of the width by a preselected amount. Moreover, the manner in which the strap sections are integrated alleviates the need to disconnect the seat from the garment in any manner when moving the seat from its stowed position to a deployed position.

1459828682-428eb438-9de1-4be6-8df9-b686c67da47c

A system for designing a circuit, which includes a module, uses a computer. The medium comprises a light transmitting substrate, a tracking groove formed on a surface of the light transmitting substrate, a recording layer formed on the surface of the substrate having the groove, and a reflective layer, formed on the recording layer, for reflecting recording and reproducing laser beams. The single object model can interact with a tag many times, as necessary to complete an operation. Alternatively, the electrodes and ferroelectric layer may be polycrystalline. The lens can correct aberrations by controlling DCMs independently.

1459828682-7f983225-d3e0-4fc8-b92a-d52d9c1a3532

This invention includes the step of transmitting a query to a set of search engines. The floor impact restriction device basically has a suspension attachment member and a floor attachment member. The signed bundle comprises a catalog of files in the signed bundle and their associated hashes. The layers may be selected so that a contact face of the flap member is sealed at a lower temperature than a sealing temperature for forming edge seals on the inner product contacting wall layers.

1459828682-b25e8bac-6a95-410a-a22e-371bdd37a24a

An x-ray source for generating x-rays with at least one narrow energy band includes an enclosing vessel, a first contact arranged with a first contact surface in the enclosing vessel, a second contact arranged with a second contact surface in the enclosing vessel, and an actuator assembly operatively connected to at least one of the first and second contacts. The selected global variables are less than all the global variables in the program. Parallellly to the fast OCR process, a high-precision OCR process is performed on at least the region of interest of the image, thereby obtaining a high-precision machine-encoded representation of the portion of the working area. In a more preferred embodiment, the belt includes a fastening strap that neatly secures excess belt by wrapping around the excess belt and drawing that excess against the remainder of the belt. Each of the plurality of pre-charge circuits may also be configured to charge the respective data line to a second voltage responsive to a second control signal. The vector may be selected from a subdivision surface that defines a set of vectors, or it may be selected from a set containing a vector pointing substantially toward a virtual light source and a parameterized vector pointing between the virtual light source and a virtual eyepoint.

1459828682-c3190545-e5a9-401a-bf9d-b0f41f91bca1

A method and apparatus for tidal seepage meters.  $80 \text{ gcm}^3$ ; the surface ratio  $\frac{S_1}{S_2}$  the peak surface  $S_1$  the peak surface  $S_2$  of an infrared absorption spectrum which is not larger than 2. The molded article also includes a reinforcing material adhered to the inner surface of the outer film layer and preferably at least partly embedded in the inner surface of the outer film layer. R is a substituted or unsubstituted straight chained hydrocarbyl group optionally comprising one or more amine, ammonium, ether, thioether or phenylene linking groups and Y is  $\text{H}$ , an amine,  $\text{NH}$ ,  $\text{NH}_2$ , halogen,  $\text{CF}_3$ , thiol, ammonium, alcohol,  $\text{COOH}$ ,  $\text{SO}_3\text{H}$ ,  $\text{SO}_3\text{H}$  or phosphonium group covalently bonded to the terminal position of R. The utility computing portal also supports access to application configuration, for example, allowing a manager to change the number of front end and backend physical/virtual machines available to various application roles.

1459828683-0a498566-bac2-4d64-b206-4481a9f11ff2

Apparatus and methods of ceasing operation of an electric power generating system improve the cold starting capability of the system. In another aspect, the invention relates to a method of searching for blocks modified in a tree structured file system. The invention also relates to plants and varieties produced by the method of essential derivation from plants of DLL1344 and to plants of DLL1344 reproduced by vegetative methods, including but not limited to tissue culture of regenerable cells or tissue from DLL1344. The system, in another aspect, includes a workflow flow chart associated with an information work and a control module that initiate usage by a user of the associated workflow flow chart in response to a request therefor from the user while the user is utilizing the respective information work.

1459828683-2970b325-70a3-42e2-8b14-bfd8d0cc01cb

Modified proteins are represented by the formula R-L-R, wherein R and R are peptides or pseudopeptides linked to one another by linkage L. proprietary inbred maize varieties. The safety layer allows for an increased level of safety in the IDM system and permits development of separate hardware and software upgrades with the safety layer assuring that compatibility between components will continue. The converter housing defines an internal passage that extends through the converter housing from the first opening to the second opening.

1459828683-a8bf283b-b859-49c5-a436-7f81ef948772

A surgical tool holder includes a flange comprising a body defining a first surface and a second surface, a first end and second end. Wiring patterns and protrusions are formed on a surface of a substrate with the wiring patterns extending on tops of the protrusions. At this hierarchical layer of the driver stack, the multipath driver functions at the command transport protocol level. The thickness of the back-plate may be greater than the thickness of the material supporting the anchor ring. The winder includes a pivot assist assembly to urge the winder to the closed position. The volume of gas bubbles is between 8 and 35 percent of the volume of the spheres on average, and the spheres exhibit good resistance to breakage upon exposure to high pressures such as may be encountered in polymer extrusion processes.

1459828683-ada558bc-3281-4156-a10f-9413b5126d99

In a controlling circuit, a photo coupler is used for isolating noises, and a general purpose amplifier is used for adjusting a gain, so that a logic tester may test analog signals in cooperation with relays having different specifications and operating voltage level differences in an analog measurement module. In addition, method of identifying or modulating nociceptive pain and associated disorders is also provided. The mobile station is operable to: receive the GPS signals; receive the combined GPS data via the terrestrial wireless communication; and generate positioning data from the mobile received GPS signals and the combined GPS data. In a preferred embodiment, the accelerator composition comprises zinc diethyldithiocarbamate, zinc 2-mercaptobenzothiazole and diphenyl guanidine, in conjunction with a stabilizer, such as sodium caseinate. A second controller is connected to receive the first control signal and to generate a second control signal which is applied to the first amplifier. The signal can also be processed to provide a display of the pumping load and/or to provide feedback for control of the flow of gas.

1459828684-24a6242e-b4f8-4ba1-8835-328f369e3214

An electronic device includes a first circuit, a second circuit, and a power on control circuit. The low voltage differential signaling driver has a programmable offset voltage and a programmable differential output voltage, which may be programmed independently. The messages within each group are sorted according to the time the message was generated by the information feed, and then are processed in the order in which they were generated. The shelves may be positioned just above

the bottom of the cart to provide a maximum depth cart for use, in intermediate positions for use with smaller objects and/or at the very top and/or side of the cart and locked in position to provide a secured interior for the cabinet. The setting mechanism controls the movement of the inertia acceptor driven by the energy of rotational inertia shifted from the developing device assembly.

1459828684-97e25e17-f2b4-4801-b30a-8a663c6585e5

A semiconductor device has a substrate, a first gate electrode, and a second gate electrode. The interface includes a touch screen display which displays one or more button icons. An etch stop layer is formed over the first semiconductor layer. A cylinder is in the first chamber. By rotating the dark-stripes relative to the displayed pixels, the spatial frequency at which the moiré effect sets in can be improved by 15% to 41%.

1459828684-b6370722-4ba6-41f7-94fb-9e45e6cb23f2

An image capturing apparatus includes an optical system that forms an image of light and a gradation processing section that converts gradation of a captured image captured through the optical system in accordance with a spatial frequency transfer characteristic of the optical system. The developer roller is configured to supply toner particles to the electrostatic latent image. The loading part removably accommodates the communication devices, and includes a first surface and a second surface, wherein the transmission medium can be connected to the communication devices through the first and second surfaces. An orifice assembly between a fluid accumulator and the centering unit prevent overly rapid off-center movements during tire blowouts.

1459828684-cb953bdb-d8f5-40a1-8d18-bcce69082579

There is a method for the mechanical disintegration of biogenic sewage sludge, for which the sewage sludge, in an initial state, has microorganisms in the form of cells and a solid, which is formed essentially from aggregates of cells and suspended materials, and for which a disintegration process causes a destruction of aggregates and a destruction of cells. The present utility model is available for fastening an article so as to avoid inconvenience brought to users by the article. The dielectric spacer ring, which surrounds the substrate support surface and which is surrounded by the edge ring in the radial direction, is configured to insulate the edge ring from the baseplate. The methods and systems provide an overview interface which allows a user to review and refine classification decisions in the context of the original sequence of photographs.

1459828685-12ecdd9e-d2b0-45b7-a46d-c1d036378d96

A method and apparatus prioritizing video information during coding and decoding. The load beam exhibits longitudinal asymmetry in regard to the weight distribution, but has a center of mass that lies along its longitudinal axis due to the provisioning of counterbalancing features, such as the addition of material, the removal of material, or a combination of adding material and removing material. A plurality of word lines are each electrically connected to the capacitor in each of the memory cells in a respective row. The method also includes selecting at least one of the access requirements, and storing the scrambled program and the selected requirement.

1459828685-34141a18-cdb1-4e27-91ae-dc561b652267

A method and apparatus for dynamically classifying TCP-based traffic, is presented herein. The tool is effective for increasing the longitudinal surface area for grinding across the edge of a stone slab. A memory gate of the memory transistor comprises an n-type polycrystal silicon film and is disposed on one of the side walls of the control gate. The one or more identified portions may be reassigned to the second host. The current velocity is compared to a stored target velocity, and audible or visible feedback is provided to the spray gun operator. Additionally, the office telephone and remote client may have connectivity devices coupled to

them so data from the connectivity devices can be viewed, managed and controlled at a remote location.

1459828685-b0dba431-4b13-4659-b4c1-3f8981fc33f5

A system and method for providing a common power detect and presence detect signal. The apparatus also includes an extended virtual function shell positioned on the PCIe configuration space and configured to select one of the physical functions, to select one of the available virtual function clusters and to associate the selected virtual function cluster with the selected the physical function. The device further includes a measuring circuit that measures a metric of the electrical signal to approximate a corresponding metric of an intrinsic electrical feature of the second chamber. deprotecting the protected polyol fluoropolyether derivative to yield the polyol fluoropolyether derivative. Write control circuitry, responsive to a control signal, supplies write signals to a selected memory cell to induce a change in the resistance of the nanotube fabric article, the resistance corresponding to an informational state of the memory cell. If a person wearing the breathing apparatus 1 inhales, the inhalation valve 8 is open and the exhalation valve 7 is closed.

1459828685-f8ecb5aa-606a-4e89-95fc-196f74bc8126

A handle knob to conduct an openingclosing operation of a front door is provided on an outer-face side of an outer panel, and a handle base to pivotally support the handle knob is provided on an inner-face side of the outer panel. Upon receiving a request to deliver data addressed to the mobile station, a node in a circuit-switched network of a mobile telecommunications system identifies whether the mobile station is capable of receiving data via a packet data bearer. The bump structure includes a body and a solder layer. The method can also include selectively skipping in a playback mode the commercial portion of the video signal responsive to the digital data identifying the event start information and the event end information.

1459828686-492d9681-2975-415f-ab3f-992f873cf226

Embodiments are directed towards determining within a digital camera whether a pixel belongs to a foreground or background segment within a given image by evaluating a ratio of derivative and deviation metrics in an area around each pixel in the image, or ratios of derivative metrics across a plurality of images. The latch has a latching portion. The composition is formulated according to the invention to provide a desired removal rate of the low-k dielectric and/or photoresist from the surface of the wafer.  $\theta$  eq, and an alkyl-modified silicone represented by formula below is blended as an ingredient, and a solid washing agent formed from the composition.

1459828686-4ff3db50-bf18-4683-8f6e-150204b56c1e

An elastic coupling is provided and has first and second coupling parts that are rotatable relative to one another and engage one another via elastomeric elements. Although complex forms and motions can be constructed either by hand or with motion or geometry capture technologies, once they are created, they are difficult to modify, particularly at runtime. After that, the memory read operations will stop, thereby reducing the power consumption caused by memory read operations. The first electrode layers are interdigitated with the second electrode layers, and insulating layers electrically isolate the first bus bar and electrode layers from the second bus bar and electrode layers. The system can efficiently operate in multi-user multi-channel communication systems. This stabilization eliminates or at least drastically reduces any distortions of the measurement results provoked by transversal accelerations.

1459828686-61cf93d1-bae0-4103-a6ab-3af773a7211c

An apparatus for improved reception of a signal is described. In an area including at least a centerline extending in a longitudinal direction of the absorbent

article, the surface sheet is corrugated to form recesses and ridges extending in the longitudinal direction and alternating with each other in a transverse direction perpendicular to the longitudinal direction. The battery controller can be provided with a unique serial number to be directly linked to the vehicle. At the encoder, both the input sample texture and information representing the displacement vectors are coded.

1459828686-a1bdcfd4-50fb-4ae5-b81b-6132adf99b03

A rolling bearing for belt-type continuously variable transmission with a metal belt including pieces has an inner ring; an outer ring; and rolling elements, wherein at least one of the inner ring, the outer ring and the rolling element is made of an iron alloy having a chromium content of from 2. In particular, the disclosure relates to pharmaceutical compositions containing an EGFR-inhibitory compound suitable for administration to treat Alzheimer's disease, as well as to related therapeutic methods. Also provided by the invention are tissue cultures of the soybean variety A1026505 and the plants regenerated therefrom.

1459828686-b9f183f3-e6d3-43bd-a791-9c11ba54bd30

A switchable roller finger follower is provided having an inner lever and two separate outer arms mounted at one end to a swing pivot axle that extends through the inner lever. The connecting conductor is adapted to wrap a first surface of the inductive component. The first piston hermetically fits into the first cylinder and moves upwards and downwards within the first cylinder. The interface device includes a first end for coupling to the host computer and a second end for coupling to the flash memory card, while supporting communication in the selected operating mode which is also supported by the host computer system.

1459828686-e37e460f-b53a-4a43-b84e-fb01977b3c40

A monitor system and method for characterizing semiconductor processes including ion implantation processes is provided. The assembly contains a conductor in contact with the biological tissue and forming an electrical circuit comprising the biological tissue. N is equal to a number of the gate driver chips arranged on the side of the LCD panel, as distance from the driving source of the driving voltages to the gate driver chip increases, absolute value of the driving voltage outputted by the compensation unit increases. The communications channel has a timing variable function to store timing variables and derive timing information associated with each individual transfer within a burst transaction during a simulation. The method includes using the data classifier to generate elements of result output data in response to elements of test input data, determining a measure of difference between each element of test output data and each corresponding element of result output data, forming a distribution function of the measures of differences, and forming a measure of performance from the distribution function.

1459828687-cec72931-759a-4dac-9386-ca35fffb8f5ce

A method and apparatus to ensure DLL locking at a minimum delay is provided. The belts have their upstream ends held by a pair of first rollers spaced apart on opposite sides of the bubble, and have their downstream ends held by a pair of nip rollers which hold the belts together to form a nip for the collapsed tube. The tap provides a pass through connection from the card to the host and taps off of the bus. The foreaft extending arm is provided with a slot that extends along the arm at an angle thereto.

1459828687-d8cab703-ce97-46b9-a0ed-041c69114f49

A down-the-hole drill hammer is provided that includes a housing, a solid core piston mounted within the housing, a seal located between the solid core piston and the housing, and a backhead configured to exhaust working fluid volumes about a proximal end of the DHD hammer. The invention relates to new access services for NBBS networks. The ecological board according to the present invention is durable,

stable, easy to construct, maintain, and repair, and environmentally friendly to the natural landscape. In another embodiment, the texturizing underlayer is in the form of surface dislocations composed of annealed first and second conductive metal layers, and the conductive metal overlayer is agglomerated onto the surface dislocations as nanostructures in the form of island clusters. On the emitter side of the oscillating transistor Q2, a resonance frequency in a resonant circuit having a capacitor C7 and the coil L3 is set near the center of a VCO oscillation frequency band, whereby it is possible to obtain the oscillation frequency which is not easily influenced by the noise.

1459828687-e5ebb310-8bcf-4257-8ec1-46baf6ce9809

A microarray chip manufacturing apparatus includes a plurality of picking pins which pick specific binding substances linearly or two-dimensionally arranged at first spaces and spot the specific binding substances onto a flat chip at second spaces narrower than the first spaces. The double coil spring has inner and outer portions. In addition, the filament forming process of the resistive memory device can be omitted due to the existence of the confined defects. The first and second supports are compatible such that the face member is attached and secured to the receiving surface. The lower end position is set to a position slightly above a bottom dead center of the entire vertically possible stroke of the ram.

1459828687-eaea34e7-57d1-49c6-9977-df0eb1debb1a

A drum-type washing machine is disclosed, in which bearings are received in the bearing housing assembly. The ceramic composition contains a mixture phase in which a first phase containing zinc oxide as a major component, and a second phase comprised of an oxide of Ca and Si are mixed. Transaction approval systems provide additional advantages. The at least one first coil is disposed within the first inner conduit. The hollow-fiber porous membrane obtained is excellent in mechanical strength represented by tensile strength and elongation at break and in chemical resistance.

1459828688-170a9f9e-a1ee-4a40-a751-59be44aa2d06

A telestrator system is disclosed that allows a broadcaster to annotate video during or after an event. The housing includes a receiving space in a side thereof for receiving at least one battery therein. Then, skew-feeding quantity of the sheet leading edge to be detected by the skew-feeding detection sensors 204a and 204b for correcting skew feeding of the next sheet is adjusted with skew-feeding quantity at the sheet trailing edge detected by the lateral-registration detection sensor 204c after positional deviation in the sheet width direction is corrected. Pixels associated with the at least one predefined region are converted from the first format to a second format, with reference to the component information of the at least one pre-defined region, to form the multi-format template image. Pouring concrete between the floor and the outer form to an upper portion of the outer form and allowing the concrete to set creating a second bearing surface substantially in-line with the upper portion of the outer form.

1459828688-7110403b-5e07-46b6-9d20-d0b2adefcd5f

The invention concerns an improved therapeutic regimen for the treatment of thrombolytic disorders, such as acute myocardial infarction. In this manner, the linear fastener system is capable of providing a precise, secure, and reproducible connection between multiple components without the need to apply rotational torque to the assembly. Some examples of information that may be displayed on the low-power display include personal customizations of the device, a battery meter, a signal strength meter, the date and time, or any other type of information. Alternatively, the additional lights provided by the integrated light frame and turn signal assembly provided additional warning to on-coming motorists that a motorcycle rider wishes to turn. The door further comprises a housing of polymeric material for electrical and/or electronic components of an user interface integral with the door, the housing being shell-shaped and being mounted on an internal face

of the external glass plate, above the internal glass plates. The user interface allows viewing and adjusting of the mix to be dispensed prior to the actual dispensing.

1459828688-c654c37e-a744-42b0-9281-97ff2a9a7dc8

An adjustable support structure for temporary sign displays formed from a vertically oriented rigid panel having a plurality of length and angle adjustable support arms. The object of the game being to make a good poker hand of cards being composed of players' individual cards in conjunction with community cards. The device can be removed by gripping a portion of the device with a retractor device, which is used to draw the device proximally. The invention is advantageously applied in EUV lithography for semiconductor chip fabrication. Multiple launch fibers may be incorporated within a tube. Pore characteristics suitable to target materials are controlled by adjusting pressure at a non-critical state without requiring additional processes or devices.

1459828689-56368053-6061-4b89-927d-fb4747bd1961

The present invention provides an apparatus and methods for the electrical detection of molecular interactions between a probe molecule and a protein or peptide target molecule, but without requiring the use of electrochemical or other reporters to obtain measurable signals. The second GaN epitaxial layer is coupled to the first GaN epitaxial layer. A main point is to perform oxygen radical treatment on a surface of a gate insulating layer. A third switch is connected at a first end to the first end of the capacitor and at a second end to the drain of the biasing transistor and a second ground.

1459828689-61066c51-6841-41b0-bf6d-7b666b9f98c1

The present disclosure provides compositions suitable for delivering lipophilic bioactive agents. The full-length sequence of Rabies Virus strain Evelyn-Rokitnicki-Abelseth is disclosed. In this way, it is possible to dispose the light emitting portion and the display section respectively in optimum locations, and to ensure freedom of disposing the display section in a position achieving fine user visibility.

1459828689-73d93989-e192-4d07-a782-a89173ea1f49

A system and method for controlling a converter of a power stage receiving an adapter current for providing current to a load. The first latch and the second latch behave as master and slave latches to one another. The pneumatic or hydraulic spring can herein be driven by the fluid for metering. The viewer adjusts the scheduled start and/or end recording times for a specific program or series of programs by specifying the time increment to add or subtract from the start and/or end recording times and the invention adjusts the recording schedule for the program using the padding values. After instructing the tactile sensation providing unit to execute the tactile sensation providing operation, the control unit controls the imaging unit to shorten the focal length if the contact area between the contact detection unit and the contacting object is less than the standard area and to extend the focal length if the contact area is equal to or greater than the standard area. An impurity concentration of a gate electrode of the n channel FET has an impurity concentration greater than an impurity concentration of the gate electrode of the p channel FET to thereby create a tensile stress in the direction of flow of a drain current in the channel forming region of the n channel FET.

1459828689-bdf3388c-438d-4ab6-a0e2-70d68b9d7983

A system and method for implementing dynamic end-to-end loss compensation in a VoIP communication system is provided. The core fulfillment system includes an interchange database with automotive core descriptions and corresponding interchange identification indicators. The body includes a lumen extending through the body from a proximal end to a distal end of the body; and an adjustable frame surrounding the lumen. The MES tracks viewing habits, enables the purchasing of

extended views of programs, and removes expired media programming content. If either of these two conditions are not satisfied, then the basic block is translated by the translator.

1459828689-ec30fb42-3e91-4218-87f4-1bde3845b032

A display device in which light leakage in a monitor element portion is prevented without increasing the number of steps and cost is provided. The method includes, determining a load-dynamics threshold, detecting an unloaded operating state of the internal combustion engine, detecting an incidence of the load-dynamics threshold being exceeded in the unloaded operating state, and retarding the ignition timing to form a load-dynamics aiming-off allowance that prevents combustion knock. A device is attached to the fuel rails which reduces movement of the fuel rails relative to the engine block and mechanical stress that would otherwise result from such movement.

1459828690-41064981-7f52-4fc3-851b-ddf2351454f5

A system and method for monitoring dropped packets are provided. The half-door provides a substitute to the costly modification of existing doors in childcare centers and pre-schools while being in compliance with laws and regulations. Consequently, the uniformity of the thickness of the whole film coated is improved. The receiver, when operating in a second mode, consumes more energy than the first mode and analyzes the RF energy to determine whether it contains the appropriate type of modulation. Rotation of the horizontal adjustment element adjusts a position of the panel leaf to any position between a third position and a fourth position.

1459828690-b15a4f59-dcb1-4cc7-b16a-b31b742cca1e

An MR scanner with a setting mechanism for patient-dependent control of the radio-frequency fields and magnetic fields for adhering to individual SAR and dBdt limits, has an optical measuring device containing a distance sensor for determining the surface of a patient and for determining a setting signal for the setting mechanism. Over the major fraction of the trailing edge, in zones where the temperature in operation is particularly high, the ends of the ribs are closer to the trailing edge and/or the sections of the ribs are greater. The processor can display simultaneously on the display a calendar image and the predetermined image. Stretcher handles seat in the stretcher holder and the secondary stretcher support. One or more of these may function as an additional emulsifier.

1459828690-d52e7424-6dec-4f45-8b1c-66a673d51391

Presently described are methods of surface treating inorganic oxide particles, hardenable compositions comprising a polymerizable resin composition and surface treated particles, as well as surface treated inorganic oxide particles, and silane surface treatment compounds. in a plane perpendicular to the optical axis; memorizing a second position of the measurement point on the rotated substrate with reference to the reference mark; measuring the position of the measurement light as a second measurement position; and detecting of the offset at the measurement point on the basis of the first and second measurement position. The z-cells of certain spatial objects are either duplicated or redistributed across multiple partitions in the database system to enable parallel joins of spatial objects. An LSP is set up based on the allocated label. The method also includes enabling a software entity to request a service represented in the repository, the service representing a first operation on one or more data elements in a first collection from the collections, and executing the first operation on the one or more data elements in the first collection.

1459828691-58a230db-c50e-4063-b927-b6bd5e0b729e

A plastic lens material comprising a compound in which a part or all of 1,4-cyclohexane dicarboxylate structural units are a cis structure; a production process of the material; a plastic lens composition containing the material; a



plastic lens obtained by curing the composition; and a production process of the plastic lens. The representation is searched to identify new resources that may be allocated and updated when new resources have been allocated. The method includes transmitting by a first site its certificate. A sound chip having a memory for storing audible messages is positioned in the housing along with a sound generator for audibilizing the messages when energized.

1459828691-7b425ad7-fef3-4d28-b866-2b80d353ecd2

An organic EL light-emitting device includes a substrate, thin films having a reflecting function formed on the substrate, an organic EL light-emitting layer, and upper electrodes. The ECC codewords may comprise ECC codeword symbols. For each of one or more image adaptation schemes, an objective measure of information fidelity is determined for a region R of the image.

1459828691-bc94cf07-ab7c-43fe-85d4-7bda076a2317

A cover mounted on a throttle body is provided with an intermediate connector to be connected to a motor terminal and an electronic control module. With this simple configuration, the dynamic range of the input image can be appropriately improved. , which are coupled to the speech processing facility via a communications channel, e. The example stroller includes a support having a first end and a second end, where the first end supports the intermediate wheel and the second end supports the rear wheel. The aforementioned continuous function is digitized, and the obtained digitized planar holographic pattern is used for converting the function fin into the function fout.

1459828691-fec72942-af1c-40e9-b2e8-f12b17b7f525

A voltage booster and regulator usable with Dickson-type charge pump device is specifically adapted to maintain efficiency with both high and low supply voltages. A preferred embodiment for depositing Cu barrier and seed layers on a semiconductor wafer comprises a front opening unified pod, a single wafer load lock chamber, a degas chamber, a preclean chamber, a Ta or TaN process chamber, and a Cu process chamber. The transformer selects an indicator word and makes forbidden prefix substitutions in the data to be transformed.

1459828692-d5b876a8-7adf-4fed-8538-1260525a4307

Methods for processing at least one die which comprises an integrated circuit. One end portion of the elastic member is fixed to the supporting member, and the other end portion is a free end portion whose tip edge is to be contacted with a member to be cleaned while rubbing the surface to remove a residual material therefrom. The outer and inner contours of the character to be recognized are approximated as a polygon, and straight line segments of the polygon are normalized and transformed into a tangent space to generate character curves. The microchip allows the user to select specific functions based on the time duration of activation signals, the time duration between activation signals and the number of activation signals at the input. Depending on the overall size of the system, many users may have simultaneous access to supercomputer level computational processing. A time period in which a quality of a pilot is measured is divided into multiple accumulation sections, a synchronization detection threshold value is set for each section, and a pilot BER calculated for each section and the synchronization detection threshold value set for each section are compared to judge synchronization detection.

1459828692-ebbb9a00-870a-494d-ab5c-e1975b83dbda

An aspect of the present invention is a method of forming a contact in a thin-film device. 6\xd710\u22123, as obtained from the BET specific surface area and the total molar amount of OH groups and CO groups at the surface obtained by a titration method. The integrator samples the comparison signal and converts the comparison signal into one-bit digital data. The center of a largest such shape is mapped back into the units of the original eye diagram as optimum sampling parameters for data analysis equipment that uses the receiver to sample the signal

once per unit interval to discover logical value. The filter elements are connected with at least one filter bracket to form at least one filter insert, and the filter insert is detachably connected to the filter housing.

1459828692-ff4b475b-1d56-49a9-ad8a-b7c12362db32

A method for creating a digital elevation map from frames of flash LIDAR data includes generating a first distance  $R_i$  from a first detector  $i$  to a first point on a surface  $S_i$ . An embodiment of the system comprises an adverse event detector to sense an adverse event and provide a signal indicative of the adverse event, and a baroreflex stimulator. The valve seat body has first and second pressure receiving faces having different pressure receiving areas and on which fluid pressure from an input port acts in opposite directions and a third pressure receiving face on which fluid pressure in the valve chamber acts. The mobile device can then use the password to access the protected information. The yoke has three marker points the upper two of which are maintained in a horizontal plane by a gravitational force urging the plumb bob into a vertical plane notwithstanding the handle not being held exactly horizontal. When assembled, the cover will cover the open face thereby avoiding direct exposure of the information on the card.

1459828693-0fdbbb01-276a-4a21-ba59-0eb544202349

The systems and methods describe a self healing framework that can monitor errors in a computing system and can resolve the errors and/or suggest methods for resolving the errors to a user based on a heuristic approach. The method may employ a frequency of between about 13. Distal end regions of the finger straps are attached together to form a finger strap assembly. The supplemental digital data may be audio data, visual data, or audio-visual data for presentation with the broadcast data. The captured information is indexed and stored for future access either on a terminal device or an accessible remote server device.

1459828693-1ed679e2-92d7-4f29-9b3d-980a52f400ee

A method for controlling one or more computer room air conditioning units configured to receive return air for energy efficient operation. A five-sided enclosure is provided for mounting one of several different types of electronic components. The invention further relates to genetic complements of plants of variety CH155784. Angle change points are included in each of the interleaved blocks which allows a reproducing apparatus to seamlessly jump from one angle to another angle during reproduction of the multi angle data. The cog tracks can be integrated into the structure of the slide-out sections, and the slide-out sections are supported against tipping down both upon extension and retraction by a cable system that exerts a counter-moment on them in both directions.

1459828693-f9e98eb4-cf6b-438f-821f-3c9a051c1b24

A grain size of a crystal grain in a crystalline semiconductor film obtained by a thermal crystallization method using a metallic element is reduced. Since the number of test vectors is increased in a SOC, the number of \u2018s is increased if adjacent test vectors are properly aligned using an ordering algorithm. The chuck includes an anvil portion and a peripheral upper anvil wall. The resulting circularly polarizing materials have reflection and transmission characteristics over bands of operation approaching 2000 nm. The signal processing circuit presents a first signal to the hearing aid receiver that is representative of the acoustic signals. In response, the international gateway creates a new response or alters the response, and transmits the new or altered response to the MSC-V.

1459828694-543c3690-a771-4700-9739-c66c1ef7898b

The present invention concerns the application of adsorption gas separation technologies to anaesthesia equipment and falls within the technical domains of adsorption separation units and medical devices. A symbol generator uses the higher dimensional signal constellation, or any orthogonal transformation of the higher

dimensional signal constellation, to translate a bit stream into a stream of higher dimensional symbols, which it then provides to a modulator. In the battery unit, the cathode plate, the separator, and the anode plate are sequentially and repeatedly stacked upon one another.

1459828694-5e42d101-100a-4c83-be82-ac741a23f214

A spatial CAM forward conversion unit forward-converts XYZ data of the input side into JCh data based on input viewing condition parameters including parameters, which are used to determine field sizes of an input image based on the viewing angle. The passage of the leading edge contacts against the inside of the semi-circle passage by the virtue of a first end of a spring engaging to a protrusion of the connecting portion and a second end of a spring engaging to a bulge of the guiding member. In addition, the clocked half-rail differential logic circuits are activated by a delayed clock and include a sense amplifier circuit that is triggered by a second delayed clock. The final autorefrigeration stage utilizes an antifreeze liquid that allows the final stage to operate below the freezing point of CO<sub>2</sub>; thus allowing more acid gas removal. The oxocarbocyclic compound-containing mixtures have advantageous musk aroma imparting, augmenting and enhancing perfumery properties causing the mixtures to be useful in perfume compositions, perfumed articles and perfumed polymers, including particles and fibers produced therefrom.

1459828694-69b5b260-5f59-4f7e-9561-d99c71ae82b1

A semiconductor device includes an N-type MOS transistor and a P-type MOS transistor. In exemplary embodiments, the keypad assembly is suitable for use in electronic devices such as a mobile telephones, calculators, hand-held computers, or the like, having single piece molded housings wherein the keypad assembly is at least partially encapsulated within the housing. The method may further include calculating a second orientation value based on a signal received from a second sensor. A compact cover may be wrapped over the protective covering adapted to contain any contaminants within the compact cover thereby preventing the contaminants polluting adjacent objects. Methods of making and using these compounds are also disclosed.

1459828694-a493eb4d-665a-41c0-9913-e8118b8643c1

The invention provides a crusher block assembly for a particulate size reduction system including a crusher block having an inboard face configured and adapted to cooperate with a swing hammer in a crusher chamber of a particulate size reduction system to crush particulate, and an outboard face for receiving an adjustment mechanism. A method of disposing of a molded resin object including a molded substrate containing a biodegradable resin, including a step of applying a coating material on a molded resin object which coating material contains a proliferation accelerating agent for accelerating proliferation of a microbe is also disclosed. The set of data measurements are representative of a plurality of parameters including a plurality of leading parameters. With the lid occupying the closed position, the free edges presented by the front faces respectively of the container and of the lid are separated one from the other by a given distance to create an opening partially exposing the breast piece of the frame, which in turn presents at least one window serving to reveal at least one portion of the coupon.

1459828694-c47a08bd-c0a8-46f4-b0e5-e4ae86ddf8a4

A method and apparatus for adding watermark data to an input signal is provided. The switch has a housing with a housing upper side and at least one fixing projection insertable into the mounting hole from the back side of the mounting plate. When the terminal plate 30 is mounted on the flange 24, an outer side surface of the terminal plate 30 is flush with a surface 21 of the casing in a portion where the opening is formed. The display controller is configured to display a image which indicates the pointer operating device is connected to the connecting module on a screen during a time period of the connection of the pointer operating device. Alternatively, the light detecting element detects ambient light

and the control circuit controls the conversion circuit based on comparison results to stop or enable outputting of the driving electric signal. A contact foot has a U-shaped foot end with two limbs and with a cutout in-between, an upper limb merging with the contact foot, and a lower limb being provided on that side which faces away from the housing.

1459828695-4aa371f2-80ac-4e6d-a98e-76a6461c2c05

An implantable infusion pump possesses operational functionality that is, at least in part, controlled by software operating in two processor ICs which are configured to perform some different and some duplicate functions. A C-plate having an oblique retardation of at least  $\frac{1}{4}$  with respect to a light beam inclined by at least  $30^\circ$  is disposed between at least two reflective circular polarizer layers whose selective reflection wavelength bands of polarized light overlapping each other. The connector includes a mechanism making it possible, when the connector is push-fitted onto a protrusion of a bone anchor member, to tighten the rods simultaneously in the two other orifices when a nut is screwed onto the protrusion. The first pulse generator is coupled to receive the reference frequency signal and is configured to generate a first pulse signal. At least two cables are provided which are in contact with opposite ends of a double arm that is mounted on the load accepting means about a substantially horizontal swivel pin.

1459828695-7661fc52-9cb4-4584-9378-ef711cbe09a5

A seismic survey system having remote acquisition modules for acquiring seismic signals and communicating with a central recording system via a network of cables, other RAMs, and line tap units, arranged in a matrix of receiver lines and base lines. Specifically, the methods relate to substantially preventing the formation of unwanted materials on an isolation valve fixture within a chemical vapor deposition reactor. The system includes at least one protective layer extending from the mass flow divider into the first chamber. Spacers are formed along sidewalls of the photoresist features. Traffic from a server originally directed to the failed firewall is then redirected to a functional firewall.

1459828695-9b78d447-f02b-4c8c-b607-d5d027676215

In one embodiment, a cold storage system for biological samples has one or more freezers, each freezer having one or racks, each rack receiving one or more boxes, each box receiving one or more sample containers. A service server in the system receives images collected by the devices and encodes the received images based at least partly on redundancy of the images. The intake structure is disposed between adjacent first and second stationary blades, on the side of the first stationary blade relative to a bisecting line between the two stationary blades. The nut has micro fans which drive the air flows and reduce the temperature to increase the life of use and the precision of positioning. The identification feature is separated from the port and confirms that the port is both suitable for flowing fluid at a rate of at least 1 mL/sec therethrough and suitable for accommodating a pressure within the reservoir of at least 35 psi.

1459828696-a61c9075-a792-45e2-8be3-1793f781eca7

A new family of crystalline aluminosilicate zeolitic compositions, UZM-35 compositions, has been synthesized. The system allows for the investigation of changes in the ink resulting from resistor firing. Modulation of the capacitance produces a signal representative of the input differential voltage.

1459828696-ae3d953b-956b-4539-9afd-20bc46da9bf5

A first diffused region is formed in a surface of a semiconductor substrate located under a gate electrode. The magnetic tape head comprises a cluster of thin film inductive or magnetoresistive readwrite elements, an I-block preferably made of a ceramic material, a U-bar also preferably made of a ceramic material, and a base preferably made of a ceramic or metal material. Also described is a device especially suitable for implementing this process. The skin adhesion apparatus also

includes a pump for supplying fluid into the tubular member. The system includes an arteriovenous graft having an arterial end and an opposite venous end with a first valve device positioned at the arterial end of the arteriovenous graft and a second valve device positioned at the venous end of the arteriovenous graft.

1459828696-bfeddb4f-15dd-4cae-9c6e-4840efbbdb3

A heart valve implant according to one embodiment may include a shaft extending generally along a longitudinal axis of the heart valve implant having at least one anchor configured to be coupled to a first end of the shaft. This measurement is performed by a kernel device driver that handles the IO for the system at lower layers, so the measurements are more accurate because the delays due to higher level processing are not included. The first enclosure and its components can be used for various applications, including those for either underground or pad-mounted switches, which for the latter case can have the first enclosure inside a second enclosure on a pad, and the second enclosure also contains other power and control elements of the system. Concentration of metal in the etchant bath is maintained by discharging some of the etchant bath. The brackets are both connected by a lag bolt which is made essentially inaccessible and out of sight. Additionally, pharmaceutical compositions comprising an SGLT2 inhibitor with a supply of carbohydrate or an inhibitor of uric acid synthesis or a supply of carbohydrate and an inhibitor of uric acid synthesis are provided in the instant invention and are provided for use in the inventive methods.

1459828697-6bce8df0-7631-468a-8cc5-0fbfb94f2d7b

An antireflection film having a low reflectance and giving non-tinged reflected light with a low cost, which comprises: a transparent substrate; and a low-refractive layer having a lower refractive index than said transparent substrate, wherein the antireflection film has an average specular reflectance of 0. The lane divider attachment includes a transverse pivot rod opening or recess disposed in alignment with the pivot rod openings in the module when the lane divider is installed. The sensor apparatus can be configured for optical communication with the length of optical waveguide so as to sense the backward propagating light propagated by the length of optical waveguide. The flow of communication in the communication link between the plurality of second cellular phones is compatible with the wireless local area network protocol.

1459828697-ee3ad047-50b5-4bb9-867b-7b36a3876874

In a finder optical system, a primary image is formed by an objective lens on a primary image formation face and is passed via a relay optical system to form a secondary image on a secondary image formation face. The pull-actuator includes a pull-tab, an arm or push rod, and a catch to couple to a pivot-arm actuator. At least one device measures a quantity associated with at least one of the lift arm assembly, the tilt linkage, and the work tool.  $\frac{5\lambda}{2DG}$  Where  $\lambda$  is the wavelength of the laser beam used for writing and reading, DG, is the depth of the grooves, WG is the width of the grooves, and WL is the width of lands formed on the substrate, and the wavelength  $\lambda$  is in the range of 380 to 450 nm. The display control unit controls the display device, and causes the display device to display the information for display when the information for display received by the information-for-display reception unit is directed to the user. The invention also includes an apparatus and a process for the continuous manufacture of the shingles of the invention.

1459828697-ff665b87-fdae-40da-b4ac-acf19c8128fd

A method is provided which includes providing a cooling apparatus which includes a door assembly coupled to the electronics rack at an inlet or air outlet side of the rack. The assembly includes a return postcard, two anchor portions disposed on either side of the postcard, printer track strips having a plurality of holes for engaging a printer, such as a dot matrix printer, and a hole capable of being sensed by another type of printer, such as a thermal printer. A client computer for

accessing a data feed includes a client computer configured to communicate with at least one data feed server that publishes a data feed. In this aspect, the method and system include associating an address for the destination with the second geographic area to allow selection of the route for the data packet based on the second geographic area and selecting the route based on a second geographic area. A fixing opening formed by perforating the wiring substrate in the thickness direction is disposed, and the wiring substrate and the support member are bonded together through an adhesive agent disposed inside the fixing opening.

1459828698-0c0a1695-ea6a-422a-81dd-e98ab69a4ef2

Compositions for coating food cans comprising a film-forming resin and an amine-terminated polyamide are disclosed. From among the symbols, a selection is received from a user. The Venturi plates are substantially parallel to one another and include corresponding segments configured to engage in each other. The filtering unit calculates an estimated value for the channel characteristics via filtering processing on the channel characteristics in accordance with the tap coefficients. The element features a planar portion intended to slide above, and parallel to, the labial side of the body and a flexible and elastic arm having a portion which is securable to the surface of two tie wings resulting on the same side in relation to the slot. In addition, methods for transplanting these cells into an animal are provided.

1459828698-171019f6-3fdd-446a-9cb7-bd45dddc5cc3

Digital broadcasting transmission and reception devices and methods thereof are provided. Further, a logic 0 of the write signal is associated with a state in which no electric charge exists in the capacitor to write the same write signal. A side surface of the casing closer to the ejecting port includes a generally vertical surface and an upper surface of the casing includes a generally horizontal surface. The configuration circuit tests a content of at least one of the registers and performs an operation in accordance with the result of the test. The oxide semiconductor may include a lanthanoid added to zinc oxide and may be used as a channel material of the TFT.

1459828698-1a64e193-ebbc-4cd1-9af2-df80f5101ddf

An electrical connector for connecting a sheet-like connection member includes an insulating housing provided with a plurality of conductive terminals, defining a pair of slot at opposite ends thereof. Each additional winding is fed through one or more multiple capacitors in opposite phase angle and opposite field directions from each respective main windings. Cardinality may be determined by estimation techniques.

1459828698-4ecdd972-b704-4bd1-a0c2-b1163056479d

The present invention relates to novel processes for preparing DPP-IV inhibitors having the structure of formula I, and pharmaceutically acceptable salt thereof, which are useful for treatment of Type 2 diabetes. The second transmission mechanism includes a driven wheel driven by the drive mechanism, a first swing member connected to the feeding mechanism and confronting the driven wheel, an eccentric pin projecting axially from the driven wheel and connected slidably to the first swing member. An external component of a cochlear implant system comprising a support for mounting to the ear of an recipient and an external signal transmitter coil wherein the signal transmitter coil is movably mounted to at least a portion of the support. The light emitting diode chip is connected to a lead frame of the substrate by a high electrical and heat conductive component thus the device needs no wire bonding.

1459828698-7b8894e4-5915-4b2e-ab11-c349eea9fa98

Provision of fabrication, construction, and/or assembly of a memory device including a two-terminal memory portion is described herein. When an access plan is created, the actual performance for executing the query using the access plan is determined

and compared to the performance specification for the query. A value is then calculated relating stimulus level to response, to allow the relative responsiveness of electrodes to be determined. Elastomers produced by the improved method according to the present invention are particularly useful in automotive applications requiring oil resistant compositions. It is possible to supply an electric power to the electrical conductor tracks, the electrical conductor tracks preferably being used to heat the first dielectric member, and the electrical conductor tracks being made of a material having a pronounced, positive temperature coefficient. The memorial structure is associated with a deceased individual.

1459828698-f490ad9e-6d86-4d8e-976a-aff018092e7b

In various embodiments, a system and related method for organizing transactional data from a diverse and heterogeneous application environment is disclosed. The spacing or pitch between the beams at the optical recording medium is uniform. The guide vanes can have a curved configuration. A dummy picture is encoded data in which all the blocks refer to the same picture, motion vectors of all the blocks are zero, and none of the blocks has prediction residual information. The device empowers an importer/exporter, or really any small business engaged in long distance shipment of goods, to control in-transit, real-time status and location information for their cargo without relying on third party sources, such as transportation carriers, to provide such data or to pay their service fees. The binding system can also include at least one compression member mated to the base plate and/or to a snowboard.

1459828699-7dfef179-48c3-4161-be37-9da6105e160e

A process for alkylating aromatics is provided which comprises contacting an aromatic-containing feed with alkylating agent in the presence of a silica-bound ZSM-5 zeolite catalyst, wherein the ZSM-5 has a crystal size no greater than 0. The independent data streams include a video stream and a metadata stream. To clean off mixture 50 stuck to the whisk 46 the whisk wiper 30 is simply pulled off, the opposed edges of each slit 32 wiping the loops 44 clean, the removed mixture 50 collected on the top side of the whisk wiper 30 so it can be then returned to the mixing bowl 52. The controller receives a first flux signal related to the first magnetic flux and a second flux signal related to the second magnetic flux, analyzes the first flux signal to identify a first peak magnetic flux, and analyzes the second flux signal to identify a second peak magnetic flux.

1459828699-85013d1e-ffbc-422e-b9d5-9f34d5cdec31

An injection molding system for molding a hollow plastic article employs a hollow mold core having a longitudinal axis and a core runner cavity that has a uniform cross section throughout and which extends to the open end of the mold core. A generic metadata container is presented that allows object metadata to be described in an extensible manner using protocol-neutral and platform-independent methodologies. A pad fluid may first be introduced into the formation, the pad fluid containing a gaseous fluid and, optionally, an aqueous fluid. For example, the chamber controller can select a process recipe depending upon the signal values.

1459828699-a12be3a5-5a23-44fc-a150-e7ba70c5c88f

A metallic colloidal solution includes a water-based dispersion medium that is easy in handling with regard to safety and environment and metallic particles having a uniform particle diameter and being excellent in properties such as conductivity and has properties suitable for various printing methods and ink-applying methods. A main body of the apparatus processes first digital data, an interface receives, from an external device independent of the main body, second digital data having a sampling rate asynchronous with and different from a sampling rate of the first digital data, the first and second digital data being reproduced by the main body. The plurality of fractures is spaced to maximize interference between the fractures and enhances the production of gas from the coal seam of the subterranean

formation. For example, in one game a Game Master selects any of the rods except the rod having unit length and places it upon a game playing surface. The intermediate layer is formed from a second polymer comprising an acid group fully-neutralized by a salt of an organic acid, a cation source, or a suitable base of the organic acid.

1459828699-d9068b6d-b1aa-4938-a805-44a657fcb6f7

A method of determining CPS data in an OFDM-based, wireless communication system resolves the phase angle difference between training tones in a burst without CPS data and training tones in a burst with CPS data and then demodulates the resulting difference phase angles to determine the CPS data. A lever in the palm grip applies tension to a cable to compress a plug at the end of the upper shaft portion to frictionally engage the lower shaft portion. The amplifier circuit according to embodiment of the present invention may prevent thermal runaway, remove a harmonic component from an input signal to be amplified and suppress oscillations. A bias voltage to be input to the clamp NMOS transistor can be set high and the drain voltage of the memory cell can also be high, and hence a current value of the memory cell becomes larger and speed of sensing a current of a sense amplifier circuit is improved.

1459828700-644a886d-b4d9-4e8b-b8bb-919048201929

A kinetic child restraint device which is fastened to or integrated into the seat of a vehicle to provide for 360 degree spherical impact protection to significantly reduce the risk of injury to a child in the event of a collision. Seating loads are borne on the support surface from the weight of an occupant by elastic deformation of the bladder. The primary parameters to be measured include fluidparticle concentration, fluidparticle mixture volumetric flow, and particle size.

1459828700-771fffea-c3e1-4393-aec4-a230e665729a

The invention concerns a plate for fuel cell, in particular of the ion-exchange membrane type, comprising supply channels connected to an intake orifice arranged in the center of one of the surfaces of the plate, and discharge channels wherein circulate respectively a reactive fluid stream with relatively high concentration and a reactive fluid stream with relatively low concentration. The contact area is arranged to be stationary with respect to the base body and has an identical electrical potential at every point of the contact area. Whenever a new set of processes arrives in the system, the system schedules their execution in two phases: a pre-run-time phase performed by a pre-run-time scheduler, and a run-time scheduler phase performed by a run-time scheduler. Thus, saving power during operation of any associated circuitry, and ensuring that there is no loss of the data should there be a temporary power shut down. It is proposed to regulate the starting power of the motor vehicle as function of a driver's wish, via a slip clutch or brake mounted in the transmission, taking into account parameters of the torque converter and/or hydrodynamic clutch. The wheel-holding plate comprises a holding edge for pressing down on and holding the wheel.

1459828700-985b7bfb-85d3-4f6f-a09d-56caa6ab24ec

Processes for manufacturing touch sensors with one or more guard traces to reduce the effect of moisture damage are provided. The method also includes determining whether the first database query includes an aggregation function. Alternatively, the death benefit payment amount of the purchased life insurance policy may exceed, or greatly exceed, the annuity premiums for the annuity contracts. The establishing of trust parameters includes identifying the trust parameters and quantifying the trust parameters. At least one of the electrical conductors may include an electrically resistive ferromagnetic material.

1459828701-1b53aaaa-eea4-4bef-858d-58a741d9fe0e

A code is provided for transmission. During ground operations, an anti-re-ingestion door is open and a ram air door is closed such that the fan system may draw



relatively cooler air from below the aircraft and exhaust the heated air above the aircraft to minimize re-ingestion of the heated exhaust. Communication is prevented from being interrupted when communication route information is updated, and from being invaded on a communication route in the network. This maintenance protocol includes operations such as client software that is self-updating in response to server changes and the capability of reconciling client usage logs with service provider invoicing.

1459828701-c23e5b98-a98d-44a9-979a-195efae4246e

In a test system for a semiconductor device, the device under test is remotely located relative to the tester that generates the test vector signals. A novel approach is presented for updating the bit metrics employed when performing iterative decoding of LDPC coded signals. The driving circuit includes a plurality of sub-circuits. The characters are able to be generated on a conventional general purpose computer.

1459828702-48bdedf6-efa8-4bf8-84a1-ee43c412fad7

A keyboard scanning circuit, comprising N wires, and +N switches divided into two switch groups, wherein N is a natural number. The congestion of customers is evaluated by counting per unit time the count of an entrance switch when a customer enters the hall. A current video frame is divided into a plurality of elements and the foreground regions and background regions are detected. A defect on the integrated circuit wafer is then located.

1459828703-6d0377e9-8c74-40e8-8e16-1b643a06b931

An enhanced Node B and method for interference mitigation at a cell edge region in a Long Term Evolution wireless network are provided. In said units, air intake is open by a piston when said piston is in the rear position thereof in the space of a vacuumed cylinder which is switched for generating a superpressure, thereby initiating the outflow of a tissue liquid by the air introduced into the space of the vacuumed cylinder. A hard wire brush is affixed to the inner surface of the first tubular portion, and a hard wire brush is affixed to the inner surface of the second tubular portion. In accordance with another aspect of the invention, the second encoding scheme entails a long-term prediction mode for encoding the pitch on a sub-frame by sub-frame basis. The vegetation is vigorous and good disease resistance to Blackspot and Powdery Mildew has been observed during observation to date.

1459828703-ba129cfd-831c-46c6-b592-1eaee86e5fd9

A pre-loaded spring mechanism includes a piezoelectric device and a pre-loaded spring operatively connected to the device. An upper portion of the silo is closed by a domed top. The armature 7b is formed by depositing the armature material on a temporary layer, which is then removed. The first navigation information includes a file name of the audio data, and the second navigation information is provided by a playlist of the playlist. The select gate line connects commonly the gates of the second MOS transistors in the same row.

1459828704-24333163-3fbe-42a3-9c6f-02a03058d254

A bicycle shifter includes a base having an annular space and first teeth and second teeth defined in the annular space. The toner image conveyer unit includes a toner image conveyer, a supporting member that detachably supports the toner image conveyer, and a detecting member that detects a toner image on the toner image conveyer. The large-diameter passage is formed on the opening side of the fluid passage and connected to the small-diameter passage. By applying the optimized blend, material and labor costs associated with well operation can be significantly reduced.

1459828704-aba5f127-a731-4c20-8442-3b9911cfde24

In general, this disclosure is directed to decoding techniques for interpolating

video frames. The methods include catalyst handling steps such as catalyst loading into a slurry phase reactor, slurry phase reactor start-up, slurry phase reactor shut-down, and slurry phase reactor unloading when catalyst reloading is envisaged. The apparatus can provide RF signals to multiple antenna elements, which can be implemented in systems such as beamforming systems or multiple input multiple output systems. Thereafter, faces within the raw image are detected, by performing face detecting processes on the green signal image.

1459828704-df1a93ce-d1fd-43b5-ac6c-4a5959fef870

A method is described by which digital data can be sent between mobile phones concurrent with speech during a same phone call. The bulkhead has a first side facing a first compartment and a second side facing the second compartment. A large number of materials are held on the proprietary server 121 and read out from it. The light guide tube captures the lights that exit the second end and reflecting the lights downward illuminating at least a portion of a keyboard of the computer system. nicotinamide or niacinamide for the systemic treatment of various forms of itching, such as, e.

1459828705-3b5c59ab-257c-4bc1-95dd-262c82c32202

A processing device may automatically provide protective services and may provide backup services for backing up and restoring user files, system files, configuration files, as well as other information. Each of the protuberances has a curved outer contour, and protrudes from a lower surface of the support member on opposite sides of a latitudinal midline thereof, the latitudinal midline being halfway between a calcaneus support portion and a phalanges support portion of the support member. For example, a Bi layer is formed on the first sealing frame and an Au layer is formed on the second sealing frame, and then the first sealing frame and the second sealing frame are heated at a temperature of 300\xb0 C.

1459828705-4b94cf81-88b5-4214-abf8-9ba685df2390

A two stage toilet tank bowl control system includes a tank ball selectively positioned on the valve seat in the water tank. The pump assembly includes a pump; a tube having a first end attached to the pump for drawing contents therein when the pump is actuated; and an extractor positioned on the tube and configured to remove contents from the bottom of the bottle. Then, the adhesive mixture is dispersed in a controlled pre-determined weight ratio on the support surface where the mixture sticks to the support surface, cools and solidifies. The methods further include determining a distance between the corresponding pure gray color value and a selected color value. A first current channel is above a buried p-type diffusion and a second one current channel is below the buried p-type diffusion.

1459828705-75b9040f-49f9-4e23-8ca9-c83c4206c1bc

This invention concerns a device for the determination of air content, the air separation behavior and the surface foam formation of oils, in particular of transmission oils with an air-oil mixer and a differential pressures sensor. The data logger senses and stores data when a primary power source has failed. Thus, the lamps are hidden in the holding trenches to not badly affect appearance of the tent.

1459828705-a578078a-5896-437e-a091-e308ba1fe47d

Laminates, which are used for cooling the discharge vessel, are fitted to the seals of the ceramic discharge vessel. In this way, the terminal itself does not need to calculate the current position, thus reducing computational burden on the terminal, which facilitates achieving of fast navigation of the terminal. The partition element forms at least one accommodating room between the first and the second substrates. The deaeration is achieved under a predetermined reduced pressure, for example, of not more than 100 torr. , in rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands,

fallowland, turf, tree and vine orchards, aquatics, plantation crop, industrial vegetation management or rights of way.

1459828705-f486a57a-2e7d-4688-982e-1c404070c2d1

A polished glass disk is prepared for a magnetically recordable coating by texturing the surfaces with a highly abrasive material being abrasively engaged with the surfaces as the disk is rotated, thereby creating a relatively coarse texture with the abrasions concentric with the axis of rotation of the disk. The present invention also relates to flexible photoelectric conversion devices, which are based on ionic liquid electrolytes or organic charge transporting materials. The method also includes forming shallow trench isolations in the diode array region and in the peripheral region along a second line direction.

1459828706-16f91565-6fa5-4c29-85bf-06c27a134ffd

A method for producing a family of digital integrated circuit designs, where the family has a highest level design and at least one lower level design. The sensor measures a light characteristic at a first location, and provides data to a remote lighting component, such as via a wireless connection. The receiver computes a hash of the encrypted file, and sends it to a trusted third party. The assembly also includes a device for moving the movable plate relative to the actuator, and the movable plate and the fixed support respectively have at least one positioning member and at least one positioning component which interact to position the movable plate relative to the fixed support when the movable plate is in the first position. A corresponding method of manufacturing is also disclosed. The disclosure sets out methods applicable with fiber optic sensors either in a deployed in a loop and in a linear configuration and useful for measurements including temperature.

1459828706-512fa386-1a55-438c-82bc-68a26d00471f

An integrated device provides functionality of both a PDA and cellular telephone. A detector of equalizer dynamic adaptation logic compares equalizer output signals to desired values that are based on the decoding scheme to sense equalizer output signals that are offset from at least one desired value, and signals the fact of each offset and its polarity as amplitude independent error signals. To eliminate the disturbances caused by the dual mass flywheel a state model constantly determines rotation speeds of the input part and of the output part and depending on a differential angle determined from the rotation speeds and from the characteristic numbers of the damping device, a characteristic disturbance torque for influencing at least the load torque is determined in real time. The apparatus may determine that the plurality of tokens does not comprise the at least one token and determine, in response to the determination that the plurality of tokens does not comprise the at least one token, that access to the resource should be denied.

1459828707-0a2c6113-509c-457b-98ce-cc7b35c6021f

The present invention relates to a method and system for determining devices connected to a private network through a gateway. It enables the rotation speed of a motor of the electric oil pump to be controlled by a motor control unit or a underdrive brake to be controlled in onoff mode or in slip mode by the automatic transmission control unit until a mechanical oil pump is driven, in the event of a failure of the oil pump control unit or the electric oil pump. The improved SOG also efficiently utilizes the reactants and produces a O<sub>2</sub> stream that is largely free of chlorine and water vapor contamination and therefore does not require a BHP regeneration system or a water vapor trap. In order to make the exposure head as light as possible, after the light beam has emerged from the light source substantially parallel to the surface to be exposed, the light beam is deflected through a gaseous medium toward the exposure head and there should be reflected onto the surface.

1459828707-34cb6112-a937-4cc5-b7d7-1a8b7a29659a

The invention relates to a hydraulic steering system architecture comprising at least one steering control actuator having chambers connected to the outlets of a directional-control valve, an accumulator, and an electrically-driven pump unit associated with an emergency supply. At least a portion of each individual identification number is used to indicate the presence of each of the transfer processes. A particular new boot image is also selected, and that boot image is tailored to operate a maintenance or diagnostic function on the target machine. Also, body bias levels can be set and applied separately for a chip, plane, block and/or page. Light transmitted by or reflected from the transparent part 105 is detected, thereby the transparent part 105 can be used as a register mark for detecting the position of the mesh part 103.

1459828708-575766ed-bb61-4a19-b508-d8d095ea1f50

A method of operating a split-key cryptographic system having two or more co-operating microprocessors, i, linked via a communications channel, involving the generation of a public modulus,  $N$ , being the multiple of two integers,  $P, Q$ , where  $P \nmid P+1$  and  $Q \nmid Q+1$ . A tubular body is included to penetrate through a tank that is sealed while accommodating a high-voltage assembly and an X-ray tube assembly and having an insulating oil poured thereinto. The seal is arranged in close proximity to a seal land of a second turbine structure for preventing a fluid from leaking past the seal and seal land.

1459828708-76859563-7d1b-4852-9f64-c70c79ad1309

A hood device 10 is provided for a two-dimensionally-scanning camera 20. The electronic circuit also includes a logic interconnection circuit for performing the following functions if the chaining command signal is in a second state. A sample gas flow is provided to the gas sensor through the outlet tube to isolate the sensor from the heat of the oven and a filter device is located in the outlet tube for filtering the sample gas flow. In addition to physical storage and security, the invention also provides electronic storage for computer files such as electronic files, documents, photos and the like via an integral computer connector. The plurality of slanted ridges extends from the stem. Therefore, the hydraulic piping is connected from a hydraulic pump arranged within the vehicle body frame to left-hand and right-hand crawler driving hydraulic motors respectively attached to one-end sides of left-hand and right-hand crawler track frames arranged on left-hand and right-hand outsides of the vehicle body frame.

1459828708-d0982ab1-5fec-4fc6-a590-efaf3df40ee3

A disposable diaper including an ink-printed substrate web exhibiting ink rub-off resistance. The method includes mixing an alcohol and a catalyst to form a first mixture. By the present invention, the need for wire bonding of vertical multi-layer capacitors is eliminated. In yet another form, at least certain of the machine tools are movable parallel to the work-holding conveyor so that they may be predeterminedly moved prior to and/or during operations on work. The floating gate layer is etched until the substrate isolation regions are exposed and the floating layer is removed from over at least a portion of the select gate lines.

1459828708-e2df9a98-b9ab-49c2-bcfa-f9cb32267bce

A noise reduction system includes a driving device, a sensing device, a first switch, a second switch, and a controller. The tear-away energy absorbing webbing has a top layer load-bearing web and a bottom layer load-bearing web. The inflatable separation device includes an inflatable support frame and a cover that envelops the support frame and forms an enclosed interior space when the support frame is inflated. The blocking capacitor is selected to substantially increase an amplitude ratio of the down-converted signal to the amplified receive signal to substantially increase the front-end gain of the receiver. Sensor can be fabricated with substantially optimized sensor volumes to generate a response having a substantially maximized signal to noise ratio upon introduction of a fluid containing one or more target analytes.

1459828709-84e9d540-dd6a-477e-8b89-0b99eff131d8

A wireless communications adapter adapted for connection to a direct audio input of a hearing assistance device, the wireless communications adapter adapted for radio frequency communications with a remote device. In particular, by examining the expression these markers, one can accurately classify a glioma as glioblastoma multiforme, anaplastic astrocytoma, anaplastic oligodendroglioma or oligodendroglioma. The probe has two electrically separated plate conductors with a dielectric which forms a capacitor plane. A thermally insulating material is provided between the first portion of the apparatus and the heat sink. It further relates to a process for preparing the polymers and devices that are made with the polymers. The two n-channel FETs that form the differential pair are approximately equal in size.

1459828709-8b6ee86f-1e51-4888-81fb-6480f7fd684e

A photosensitive composition comprising a resin containing a repeating unit corresponding to a monomer having a structure represented by formula defined in the specification, and a negative working lithographic printing plate having a negative working photosensitive layer comprising the above-described photosensitive composition. A spool which transitions to a cone is situated within the cartridge. The received data is aggregated and analyzed, for example through statistical profiling. Each of the first and second fitting members has a threaded portion on an interior sidewall thereof. Finally, at least one passage provides fluid communication between the gauge and one of the bore of the body and the borehole. Convection losses associated with different temperature profiles in the pulse tubes and regenerators are minimized by shifting the thermal patterns in the pulse tubes relative to the regenerators by one or more of spacers in the regenerators, physical differences in length with gas channel connections, adjustment of dc flow, and thermal bridges.

1459828710-2a058258-128c-4ac4-9295-dbeea6a5a54e

A fuel cell plate having a first plate having an inlet aperture and a second plate disposed against the first forming a conduit. The yoke includes adjustment mechanisms to accommodate a wide variety of sizes of lighting fixtures. The releasable locking assembly has, for example, a first assembly movably coupled to the frame, a second assembly movably coupled to the frame, and wherein movement of the frame relative to the first and second assemblies causes the first and second assemblies to engage each other to limit further movement of the frame in at least a first direction. A multiplex control signal generator inputs an initialization signal into a Viterbi decoder at a timing at which decoding of individual data streams is started based on the received post signal. One of the electrically conducting connection through the interconnection substrate is a grounding path for the power amplifier, while a thermal path is provided by the semiconductor material.

1459828710-2b7d0776-30b9-42ad-b151-af2e5be0973c

A surgical stapling instrument comprising a handle assembly having a proximal end, an elongated body portion extending distally from the handle assembly, a head portion disposed adjacent a distal portion of the elongated body portion and including an anvil assembly and a shell assembly. The sonic fine-hole forming apparatus is adapted to generate a sonic oscillation driving signal comprises a voltage waveform which has positive and negative voltage portions being asymmetrical, and a sharp peak portion. In response to retrieval of inventory status information for the items indicated by the estimation data stored in the shopping DB system, the shopping server updates the estimation data concerned in accordance with the retrieved inventory status information. The spring contact defines a flexible curvature along a length of the spring contact, and the printed circuit board connects to the jack assembly at a pivot point allowing for angular rotation of the printed circuit board within the cavity.

1459828710-809882bd-2ba1-40b3-afcc-2c6ffa238e82

A double oven crystal oscillator is disclosed which is highly stable by incorporating means to reduce the effects of ambient pressure changes on the frequency of the oscillator. The air cap and fluid cap include inner surfaces that cooperate to define a diaphragm chamber in which the diaphragm moves between a withdrawn deformed position and an extended deformed position. A transmission order is determined based on bit reversals of the sequence numbers. The x-ray tube can be mounted in a manner that it can pivot, allowing it to move and align itself. Each hash value uses the first random number, the second random number and at least one part of a key of the tag as inputs. This structure provides an impact and tear resistant laminate.

1459828710-b5b1c898-69fd-454b-a990-ff5357d29f95

Disclosed is a method of fabricating carbon nanotubes and carbon nano particles, the method comprising: providing a plurality of carbon micro carriers on a silicon substrate; forming a plurality of carbon nano particles on the carbon micro carrier by a first gas; and reacting with a second gas to provide a plurality of carbon nanotubes. The service location has a server with a first periodically changing random code that is correlated with actual time. A lampholder has lower and upper tongues positioned to snap fit into the first and second slots, respectively, and mounts a circuit board which carries one or more LEDs. Such dielectric layers are useful in the forming of a variety of semiconductor devices such as transistors, capacitors and the like where such devices and integrated circuits formed from such devices are encompassed by embodiments in accordance with the present invention. In an initial state after the mode information is stored in the respective storage units, the control logic activates the write enable signals and the read enable signals of the respective banks regardless of the mode information stored in the respective storage units.

1459828711-0171bec4-b27c-446f-b00f-e7e932eb1e23

An object of the present invention is to provide a industrially appropriate method for producing the \u03b2-anomers of ribofuranose derivatives in a highly selective manner at a high yield. The probe system is configured to operate in an inspection mode and a measurement mode. The method is capable of preparing the organosilicon compound having a minimal chlorine content. The genome of the cell contains a second recombination site and recombination between the first and second recombination sites is facilitated by the site-specific, uni-directional recombinase. The local data interface also exchanges at least a second subset of the status data with the paired bearer processor through the local user data network. A wide variety of units may be constructed having different numbers and arrangements of primary elements.

1459828711-5c0f6b6b-c153-4372-a8bf-254b78c1a9e1

A method of injecting oxygen into a melt located within a metallurgical furnace having a heated furnace atmosphere in which oxygen and fuel is injected into 1 or more nozzles having passageways of converging-diverging configuration under choked flow conditions to produce supersonic jet or jets discharged from the passageways. The method comprises generating channel estimates for the received signal, computing filter weights for an equalizer based on said channel estimates and a covariance of the channel estimation error, and filtering the received signal using the computed filter weights. For digital linescan cameras, constant resolution of the image avoids scanning objects at different line rates for different depths of objects being scanned, thus maximizing speed of the objects and, hence, throughput.

1459828711-a7f98997-67de-4664-ab94-98285ed5f8ef

A window surround molding is secured on a vehicle door flange with a retainer clip. The visual tracking system is integrated with a 6 DOF motion stage to realize an ultra precision six-axis visual servo control system. The web screen obtaining

section obtains information about a web screen by making a request to a web server. This invention allows clients to interact over a network in a fashion that is anonymous and unique to the session which the client is engaging in. The usefulness of this invention includes physical product distribution through a shipping and handling system. Other embodiments are described and claimed.

1459828711-e4a9c7ac-37d2-4e07-97e0-f48f471e2448

A horn switch for a vehicle steering wheel includes a frame for mounting to the steering wheel. The disclosed blister sealer comprises a lightweight, tubular frame, detachable legs and a lightweight, modular turntable. 9, comprising at least polypropylene and high-density polyethylene, a second surface having a cling force to the first surface at least greater than about 5 gin, comprising at least a styrenic block copolymer, and a core layer, positioned between the first surface and the second surface, comprising at least linear low-density polyethylene or its blend. One blow mold is assigned to each blowing and calibration mandrel.

1459828712-3b18a8d6-8bd1-4641-8313-3a311e8593a1

To provide a manufacturing method of a semiconductor device for forming a diffusion layer by diffusing phosphorus atoms on a surface of a silicon substrate on which resist is applied, including the step of forming a diffusion layer, with a temperature of the silicon substrate maintained lower than a deterioration temperature of the resist. A tooth can include a pocket with at least one side wall which has an insert-receiving recess and generally planar insert-engaging interface surfaces formed therein, with one interface surface resisting rotation of the tooth about a longitudinal axis in one direction, and another interface surface resisting rotation of the tooth about the longitudinal axis in an opposite direction. Prior to forming the silicon oxide film, the silicon region may be treated in a plasma atmosphere containing oxygen and hydrogen chloride or a chlorine-containing hydrocarbon. The correction word is output from the PLD, which is powered-down, and is stored with the encrypted configuration data in the storage device.

1459828712-61d6ac5c-845b-4aac-87b7-f5cc3b724361

A system is provided for managing torque in a vehicle driveline coupled to an internal combustion engine and to a hybrid motorgenerator. The information display system includes a display connected to a controller and a network interface. The invention further provides methods of modulating cellular proliferation by modulating the activity of tubulin deacetylase. In particular, the scheme can be used in the domain of remote controls.

1459828712-7edd64be-d69d-478f-b691-e7280a985d44

Hypergolic fuel propulsion systems contain a fuel composition and an oxidizer composition. The compositions comprise oligonucleotides, targeted to nucleic acid encoding HIF1-beta. In each of the four structural states, the mobile communication terminal automatically allocates operations modes of camera mode and non-camera mode. The improved conductivity reduces the amount of nonactive material that needs to be added, thus improving the volumetric energy density. The period displacement SOCp to be applied to the pulse start time of the pilot injection command pulse Cpp, with respect to the top dead centre T7, is set to a timing that is advanced by the interval period Tint, pilot injection end delay period Tdpe and injection pulse width Pwp for pilot injection, with respect to the main injection start time T6.

1459828712-88087348-13e8-4b40-a0c5-3d9f8a2dd679

A shoring box having frame supports coupled to lateral spreader bars. Three techniques of compensation usable singly or in combination are provided which may be used in combination with techniques for dynamic range reduction for extreme compression. The aft-body, which is attached to the return portion of the face component, is selected from a plurality of aft-bodies, each having a different center of gravity location. Once the cutting blade passes along the length of the bobbin drum in one direction, the cutting blade may be rotated such that the sharp

edge may engage and penetrate the remnant material in the reverse direction. The advantage is that less turbulence is created by the blades, resulting in reduced noise and greater efficiency.

1459828712-a549a38c-052e-4d69-bba9-e8af834d5c15

The inventive circuit and corresponding method are used to form a universal reference cycle interface for any synchronous source, whereby compensation processes and level compensations adaptively occur at decision thresholds. The collision detection sensor has the optical fiber, a molding material formed on the periphery of the optical fiber, and a convex portion formed on the surface of the molding material. The rotary vane pump also includes a plurality of strengthening members, each strengthening member disposed in one of the plurality of slots and coupled to adjacent dividing members. 2-Deoxy-2-D-glucose and heparin sodium alter the surface interaction between the herpes virus and the cell, preventing fusion and infectivity.

1459828713-02d7f19a-e176-4b70-b636-58bf36755843

Disclosed is an MPEG portable sound reproducing system and a method for reproducing sound data compressed using the MPEG method. An OLT manages an electric state of each ONU connected to a PON. The document may be transformed into a second format different from the first format.

1459828713-1ee59e60-6b9f-44ea-9469-abb5616752f8

A valve assembly for an oil pumping system including a shell, a seat affixed in a lower end of the shell, a ball positioned within the shell and having a diameter greater than a diameter of the seat, and a cage positioned within the interior passageway of the shell. The stent includes a generally tubular body having a lumen defined therethrough. The concentration is further determined and adjusted at new fills and/or during laser operation based on its effect on the output pulse energy in view of constraints and/or aging on the discharge circuit and/or other components of the laser system. This avoids problems associated with circuit density within the structure of a backplane.

1459828713-58166e8c-4f88-47b7-ba8f-212e013b3a90

Novel methods and compositions for treating aged and environmentally damaged skin are disclosed which provide improvements in the skin's visual appearance, function and clinical/biophysical properties by activating at least one proteolytic enzyme in the skin's stratum corneum. The light emitting tubes can hang straight under their own weight, and each are fabricated from a transparent protective sleeve, within which a plurality of the plastic optical fibers are disposed. The pressure limiting valve is adjustable as a function of the magnitude of a pilot control signal serving to trigger a main control valve. The driving wheel is rotatably supported by the bearing unit. The fluid outlet manifold may further include a fluid outlet channel and a fluid outlet reservoir. The air duct is disposed on the second surface of the housing base, and cooling air flows through the air duct.

1459828713-fb253944-e74c-4fbc-a9f4-8cabe85d6e81

A movable barrier operator can use a first technique to prevent an excess application of force during controlled movement of a movable barrier and at least a second technique to similarly prevent an excess application of force during such movement. Then, an oxidized film 105a formed by the irradiation of the first laser light is removed. Methods are also disclosed for making such compositions. The ultraviolet dosage delivered to the HVAC system can be controlled by varying the number of lamp standards, number of lamp modules coupled to the lamp standards, and spacing between the individual lamp standards. The flexible solar cell may be used to provide power to an electronic device.

1459828714-c75c4de5-d23e-4bad-84c4-7a9cd551216e

The present invention provides a novel 1H-indazole compound having an excellent JNK



inhibitory action. miyabeana named \u2018Tully Champion\u2019, characterized by rapid stem growth producing greater than 25% more woody biomass than two current production clones, more than 2. Upon display, the still image data sets are in a non-selection state. The bandwidth transforming node can also offer data bandwidth to the subscriber in preassigned increments. If the operating profile differs from the baseline profile by more than a certain tolerance an alarm may be sent or another action taken, for example the pumping system may shut down, etc. The local terminal includes a first measuring unit for measuring a first human body temperature, a signal processing unit for receiving and converting the first human body temperature, a display unit coupled to the signal processing unit for displaying the converted first human body temperature, and a first interface unit coupled to the signal processing unit.

1459828714-e01bf962-21f5-45b2-8754-b64c1e1a4528

A light-emitting diode and a method for manufacturing the same are described. A first image part of the first group of image data, a second image part of the second group of image data, and a third image part of the third group of image data are identified, wherein the positions of the three image parts correspond to a motion trajectory that is indicated by a candidate motion vector. In another implementation, a common credential store is used to share data for a plurality of user accounts associated with a client between a plurality of applications of the client, and for the applications to output multi-user interfaces having portions corresponding to the plurality of accounts. The operating mechanism includes a frame disposed within the base, a cradle in pivotal connection with the frame, an upper link in pivotal connection with the cradle, and a lower link having a first end and a second end, the first end in pivotal connection with the upper link and the second end in pivotal connection with the rotor at the separation portions. A circular concavity is formed in the back of the semiconductor wafer in correspondence with the device region, and the device region is relatively thin, while the surplus region is relatively thick. The general purpose computer apparatus further includes means for interfacing the central processing unit to the system bus and means for interfacing the central processing unit to an IO bus.

1459828714-f03c377e-426a-49f4-b083-50f0ace419da

A new and distinct cultivar of Helleborus plant named \u2018HGC Jacob\u2019, characterized by its compact and mounded plant habit; dark green-colored leaves; and white to light green-colored flowers. Each pixel is subjected to a rough classification based on first criteria that determine whether or not a pixel is relevant for an object recognition. Each station maintains its own local database regarding the status of the network by reading the information in each time slot. A radial wall extends from the circumferential wall away from the longitudinal axis, and a circumferential extension extends axially from the radial wall.

1459828715-0f56329f-4f7f-4dae-8f9e-1efb1a7b7ff0

An engine is described for operation on a fuel expanding about adiabatically in a power stroke of the engine. By careful control of such factors as the melt temperature, order of addition of alloy components, cooling temperature and withdrawal rates, continuous casting of high quality lead-free bronze alloys can be achieved. Each of the RAM modules has a first enable pin and a second enable pin connected to output pins of the logic circuit. A cam bar includes a cam end for engaging with the first side wall of the wedge block. In one embodiment, at least one of the layers extends within the substrate at least partially outside the perimeter of the sand trap.

1459828715-5a92966f-4857-4b66-a9ba-483d332e496d

An Automated handling system has a working area, at least one object in the working area, at least a first numerically controlled arm and at least a second numerically controlled arm. The intermediate section is shaped to mate with adjoining edges of the first and second panels. A unitary actuator has a first end engaging the pin

guide for common reciprocation relative to the nosepiece body and a second end engaging the cage. The timing is defined by a threshold concerning a cumulative film thickness of the thin film.  $1 \times 10^{-3} \text{ cm}$ , and wherein, when  $T \times 10^{-3} \text{ cm}$  represents a thickness of the polymer layer,  $T$  and  $x$  satisfy the relationship  $2x \times 10^{22} 66 T$ . The sheet incorporates conduits that terminate or intersect at temperature measurement locations with a fixed relative arrangement to form a two-dimensional grid for sensing temperature distributions.

1459828715-b82f5714-63eb-4b09-8f8d-a3d24cd4e2f1

An ultrasonic oscillator, comprises a group of internal electrodes divided into four approximately equal parts along two directions, i. Typically, queries of the database abstraction model are directed to queries of a model entity defined for the database abstraction model. Then, a call invitation is sent to each of a plurality of networks associated with the call targets. A selected version of the model is checked out of the repository and loaded directly in a memory so that users may load the selected version of the model without error. The amount of protrusion can thus be individually controlled for the write head element and the read head element. In case too much water is introduced to either tank, overflow drains in both tanks prevent water from overflowing over the top of either tank.

1459828715-bab97818-dce2-4356-a10e-b816c3428e80

A high density interconnection device includes a high density connector block having a plurality of jacks disposed on the outer surface for common interconnected to a high density connector. When performed in response to a user request, the method includes the steps of combining a randomly selected word element, such as an affix or adjective, and a randomly selected stem, such as a noun, to produce a random account name, and comparing the name with a list of existing account names to determine if it is unique. The plastic sheet includes an outline of at least one auxiliary lens, and scale markings to show a distance from the outline of the auxiliary lens to an approximate peripheral edge of the eyeglass lens. The indentation lies partially inside the pouring spout and partially below the same after unscrewing of the cover cap and forms an air inlet channel, which results in a steady outpour of the liquid content of a combipack. A central portion of the diode has a smaller width than widths of upper and lower portions of the diode. The light blocking member includes a light blocking portion and a plurality of light passing portions arranged at positions corresponding to the lenses.

1459828716-0414bc3a-32f5-4710-bf79-1bd09df96fef

A filter assembly for fluid filtration having a push-activated lock and release mechanism. Each siding unit is a profile of a composite material which includes a thermoplastic polymer and a cellulosic fiber. The system controller displays at least one operation candidate item on the screen when the detected distance becomes not larger than a first threshold distance. A first plurality of elastomeric elements is integrally formed with the elastomeric support element. Therefore, the memory device has excellent processability, high reproducibility, and uniform performance.

1459828716-40069571-61e4-4942-b20b-653e1c2d86ef

A telecommunication device includes a first interface coupled to the public switched telephone network in a first local calling area, a second interface coupled to a packet network, and a third interface coupled to a first plain old telephone system telephony device. The query includes a number of  $N$  query descriptor types for a query object. The front housing can include a front first side and a back second side opposite the first front side, the back second side facing the first side of the frame. A covering material such as lanyard material or polyester is slipped over the plastic core and is heat sealed at one end. The difference engine performing a third procedure to generate difference data if the size of the reference file is greater than the second threshold size. A hook shaped locking proximal portion of the partitioning wall plate interengages an inner

locking groove.

1459828717-5643e713-fd7b-4c37-a929-011cec13146a

A mutant bacterial acetolactate synthase which is resistant to feedback inhibition by L-valine is described. A diagnostic interfaces coupled to snow removal equipment and to an analysis retrieves and analyzes data and compares the data to a set of reference data. The buffer layer includes defects at the interface of the substrate and buffer layer. The coating of component parts may be used for aircraft turbines or gas turbines or for garbage incineration systems having temperature-resistant protective layers against high temperature corrosion.

1459828717-6de36ee7-ec7a-4e24-90dc-cb6d538ca9ac

Methods and devices for rapid diagnosis and monitoring a patient for disease or effectiveness of treatment in real time. A first sleeve connects the interior of the valve housing to a first suction channel of the instrument; and a sealing membrane seals a first portion of the interior of the valve housing from the valve insert. The system can be connected to both a water source and a place for drainage, selectively communicating with the water source to supply water through the water passage to the user apparatus at one time, and at another time communicating the place for drainage to withdraw water from the user apparatus and deliver the withdrawn water to the place for drainage.

1459828717-73a2892b-0034-4074-861e-734befb84309

A system and method for obtaining photographic products and/or services comprises bundling image capture and printing technologies into products and/or services that are paid for by a consumer with monthly or yearly subscription fees. The probe includes a sensor for measuring attributes of a fluid such as liquid or gas. For this purpose, a raw material for a reaction is allowed to flow through an inflow hole in a swirl structure so that the raw material forms a rotating flow to progress. The optical system leads light rays from an object to the image plane without forming an image in the prism and has a pupil in the prism. A predetermined mask material is patterned by carrying out electron beam lithography based on the corrected proximity pattern data. Specifically, the invention is directed to -N-{4-cyano-2-phenylmethyl}-3-{4-methyl-6--1,3,5-triazin-2-ylamino}cyclohexanecarboxamide; or a pharmaceutically acceptable salt thereof, and N-{4-cyano-2-phenylmethyl}-3-{4-methyl-6--1,3,5-triazin-2-ylamino}cyclohexanecarboxamide; or a pharmaceutically acceptable salt thereof.

1459828717-95091564-79c4-4748-be0a-ca31431e2b0f

A wireless communication system includes base stations with adaptive antenna arrays that communicate with remote communication devices. At least one working assembly of the working assemblies is controlled by an input mechanism operatively connected to the control device and having a specific first function in the harvesting mode. The image data memory stores display data. The apparatus may also include a stop abutment to prevent interference by an upstream article with an article which has been selected for lateral transfer.

1459828717-d63fe81e-01c6-49a6-a543-f53ae26401fe

A Ni-base alloy which has excellent resistance to permanent set at high temperature and which can be produced at low cost, a heat-resistant spring made of the Ni-base alloy, and a process for producing the spring. The Dragon cipher includes message authentication code and keyed random number generator. The housing may also include a plate mounted on the front surface of the housing and the exciter may be attached to the plate, which serves as a resonance plate. The faces are formed in an uninterrupted manner on upper end faces of partition walls provided to opposite side end portions of the base. The terminal also includes a security function configured to perform a comparison of the private content identifier to the smart card identifier and to grant access to the private content when a result of the comparison is positive.

1459828718-9991656e-427b-4708-9e66-f81805e94d99

A stacked package and method of manufacture are provided. The color filter array is useful in electro-optic displays, especially reflective electro-optic displays. In a second step, a write head of the hard disk drive writes with a weak field. Thus, listening participants are given an opportunity, according to need, to perform power control signaling on the group traffic channel. A method for manufacturing the organic electroluminescence device is also provided.

1459828718-bd6216fb-b8c4-4533-a59b-8f10af794c7f

The present invention provides a method for installing at least one sensor device within a rotor blade of a wind turbine. A voltage generator is disposed between a first voltage and a second voltage, and includes a plurality of resistors for dividing the first voltage and the second voltage. The apparatus also includes a maximum and minimum data values detecting block; a color difference interpolated value calculating block and a luminance interpolated value calculating block which obtain the color difference interpolated values and luminance interpolated values of the defect judgment target pixel. The top surface has an area smaller than the area of the bottom surface. Additionally, the computer-implemented method receives from a patient one or more responses to one or more medical assessment questions; and causes one or more computer systems to associate one or more medical study instruments with the patient, with the association based on the one or more responses of the patient to the one or more medical assessment questions. An apparatus for implementing this method is also disclosed.

1459828718-f0574ef2-db9b-434b-8b1b-7eae6a7f0e4c

The invention relates to a module having a circuit carrier and having an electro-optical transducer mounted thereon for coupling in or out optical beams which are fed or conducted away via an optical fiber. The connection member is connected to one end of a cable, while the contact member is intended for contact with a corresponding contact member on a second contact finger. The method generates at least one point cloud data using the sensor data received from the at least one sensor, each point in a said point cloud having a point covariance derived from the pose history data. By employing the current detection values, the high voltage control unit can identify and provide notification of a location where the leakage current is increased and the insulation is deteriorated, and can request an operator to perform maintenance for the pertinent location.

1459828718-fe31cf3e-3e3c-4b9f-b159-7bbe48d0d457

A recliner adjuster for appropriately adjusting an inclination of a seat back with respect to a seat cushion includes a worm rotatably mounted on the seat cushion, and a helical gear held in engagement with the worm and mounted on the seat back via an auxiliary locking mechanism. A circuit pattern including plural membrane switches is formed on the light-guiding membrane wiring board. The body having a first internal wall defining a ground rod cavity and a second internal wall defining a ground wire cavity being positioned adjacent to and in communication with the ground rod cavity.

1459828719-34023f5d-b455-403c-bfee-4d99977a8201

Acid concentrates, and dialysate compositions prepared therefrom, contain citric acid and an effective amount of a buffering agent selected from acetate and/or lactate. The components are thereby welded in the joint zone by means of heat input generated by laser radiation, wherein at least one of the components is at least partially transparent to the laser radiation and wherein the laser radiation is at least partially absorbed by at least one of the components. A failing test run may be taken and rerun several times with small changes in the inputs. When a particular label item is selected, a presentation component launches proximate to a label item in response to interaction with the label item and presents additional information from the target webpage. In some such embodiments, reinforcing member

has a distal end, and the tip structure is disposed on the distal portion of the inner tubular member adjacent the distal end of the reinforcing member. In a second and third preferred embodiment, the sender of the instant message will be informed of the available alternative.

1459828719-93ff1605-4f24-49ec-be58-ac6e0740eab3

In an electrophotographic printer or copier, toner images of images to be printed onto a printing substrate are generated and fixed, causing sliding characteristics to be worsened. Therefore, in DMOS and NMOS transistors constituting a cascode amplifier, the gate of the DMOS transistor of an initial stage is biased to a grounding voltage through a resistor, and the source of the DMOS transistor is connected to the output side of an inverter through an inductor. The power values are examined and if they exceed the specified budget, which may be one of multiple possible budget values, an estimate of the amount by and duration for which the closed-loop powerperformance control would have to reduce the performance of the system for each interval in order to provide an estimate of actual performance for the budgetary level. The emitted fluorescent light passes through a narrow spectral band-pass video camera filter and is detected by a video camera mounted in the tool sensing head. The memory device is configured to store information received from the device under test and to output stored information to the device under test. Depending on the value, the data packet is either received or accepted.

1459828719-e0d5aba8-21b8-4954-b8ad-8614b6391b22

A propeller spinner for a marine propeller having multiple propeller blades attached to a propeller hub that is adapted for attachment to a propeller shaft and includes a sacrificial anodic material for protecting the propeller shaft and/or propeller hub from corrosion. 2 and 2 dlq through a feed opening to a polymerization reactor; discharging the introduced prepolymer from holes of a perforated plate; and polymerizing the prepolymer under reduced pressure, while allowing the prepolymer to fall along the surface of a support that is open towards the outside at a temperature between the crystalline melting point\ u221210\ xb0 C. A device according to the present invention may be caused to be operated beneath the surface of the ground, as in cases where it is desired to remove root masses and whole trees, such as mesquite and other species. The etch-stop layer is made of a suitable material such as copper-oxide or nickel-iron-chromium. A recess is defined in the flange and substantially aligned with the hole. First and second through-vias, which are a pair of opposing through-vias located closest to a terminating end of the signal strip, are disposed apart from each other by a distance smaller than a distance between any other pair of opposing through-vias.

1459828719-e6ecbc58-ef0f-406b-a478-6b91ba06024c

A computer system and an attached input unit are provided for a user to input data. The polymer is highly scratch resistant and has a characteristic low dielectric constant for providing a low attenuation to electric fields. The interconnect extending from the ESD protection element to the internal element includes metal interconnect layers equal to or smaller in number than the plurality of interconnect layers used in the interconnect extending from the external connection terminal to the ESD protection element. The sheets are then stacked together and sewn or otherwise affixed along a single axis.

1459828720-788ee568-145d-42e1-933f-8fb9314e4f69

An information processing apparatus includes a determination unit configured to determine whether or not a region having at least one pixel of an image includes a predetermined number of anomalous pixels, and a creation unit configured to create information indicating the determination result for the region. With only one hard mask layer, ashing damage to the insulating layer is prevented using a hard mask layer and an etch-stop layer that are different in etch rate from that of a self-aligned spacer. In the method at least one target value is selected for the control signal, the frequency of the adjustable oscillator is adjusted to substantially

correspond to the target value and the value of the control signal and the target value are compared. The bit maps and timestamps preserve the most recent version copy order of the tracks on the secondary volume. Each chamber is fed by passages and the main chamber is fed by a passage which passes through the cap, the cap including at least a spraying device in the form of a mini snow gun operating as nucleator. Process for the manufacture of 1,1-difluoroethylene employing it.

1459828720-8c5fcad9-dcec-4d3c-8d1b-2884e371dd1b

In blow molding, each mold has two or more cavities, each respectively fed by two or more parisons. One or more entities associated with the particular content may be identified by the content processing device. A variety structurally related connectors, comprising at least a connector body, lip and base flange are described. Additionally, aspects of the invention provide an inspection environment that incorporates preliminary measurement data, wireless communications, and/or historical data into the measurement and evaluation process. A plasma accelerating portion includes a plurality of grids transversely arranged spaced apart from each other by a predetermined distance in the channel for accelerating the plasma beam generated by the plasma generator to the outlet port of the channel with an electric field. A member rear upper is mounted on the floor member front.

1459828721-cc09a1bf-07a2-4387-85b0-37d2188d2d8e

A method of fabricating an organic device is provided comprising providing a first solution comprising an organic semiconductor or a precursor thereof; a solvent and a decomposable polymer additive, where the polymer additive is heated so that it decomposes into gas. The rubber particles, when unconstrained, are essentially spherical and have a rubber particle size of 2. A first electric heating element arranged to provide heat to at least a portion of the first cooking surface, and a second electric heating element is arranged to heat at least a portion of the second cooking surface. The at least one stand-off leg is configured to be set at one of the plurality of pre-measured settings to interface with the building and to position the plurality of spray bars a desired distance from the window for testing the window by spraying the fluid from the at least one nozzle of each of the plurality of spray bars toward the window.

1459828721-ccb8e788-56a3-4856-ad6b-64bdd09286a5

An apparatus for insertion of a medical device in the skin of a subject is provided, as well as methods of inserting medical devices. While the vacuum chamber is being evacuated to a pressure of between 0. The upper storage has an upper opening for receiving and dispensing a life jacket that is retained within the upper storage by a securing strap. The thermal protection circuit includes a power conditioner for providing regulated power rails to the other components of the thermal protection circuit. Thus, an alignment failure can be reduced because a particle on the wafer is not mistaken as an alignment mark.

1459828721-eb21d2c2-5148-425d-9325-4a8dfb33ec7e

Embodiments of integrated passive devices and methods of their formation include depositing a composite electrode over a semiconductor substrate, and depositing an insulator layer over the composite electrode. The information processing apparatus includes a sensing-area setting means for setting an area used to sense information on objects, and a transmission-area setting means for setting an area used for transmitting information on an object. Elongate stock exits from an exit aperture in the forming machine, and is directed over the table of the portable table saw mounted upon the movable carrier. The support means are preferably of a unitary urethane construction with the contact lobe element portions being of a hollow configuration. The second surface is sized to support the handheld media device when the handheld media device is placed thereon. A breakaway feature may release the first interlock when the closing force exceeds a predetermined level.

1459828722-2d729a06-dc6d-4510-a1a1-2916dcdd82d9

A method of generating an audible indication of data stored in a database and representing a group of data points. The content management system is customized by one or more coding language databases, and is adapted to read and process multiple different writing samples simultaneously, whether sent synchronously or asynchronously, to allow a user to select from a plurality of fonts to include in an autograph. The control information is provided in a retrievable manner, according to the included range of validity, in a memory organized according to ranges of validity and is associated with the first computer-based object. The flap folding system has a first flap folding member configured to fold a fourth top flap of the box, a second flap folding member configured to fold a second top flap of the box, and a pair of oppositely disposed side flap folding members configured to fold a first and third top flaps of the box so as to abut each other. A first bandwidth module can include a first interleaver that interleaves bits of the first partial MIMO stream and generates first interleaved data.

1459828722-68f2a834-45c1-4a5b-8f81-eea583cf7602

An impedance adjusting circuit for adjusting an impedance of an output buffer of a DDR2 memory, using an OCD impedance adjusting function, from a side of a memory controller, includes first and second terminals, first and second switches, a comparator, and a control circuit. The foregoing is preferably achieved in accordance with a boundary scan standard 1149. Then, heat treatment is conducted on the proton irradiated layer for transforming the protons into donors to form a high concentration n type semiconductor layer. The clock board may generate a global clock signal, which may be distributed to the switch boards and the power distribution board.

1459828722-76297f45-a34b-4139-8710-142518b47f81

A method for converting sample rates includes obtaining coefficients from a sample rate conversion coefficient table. A handle is connected to an outer surface of said rose and a mounting plate is connected to said inner surface of said rose. Both formal and informal learning is defined for each zone. The fastening device includes a first fastening portion mounted on the pressure element and a second fastening portion which can be mounted on the reinforcing element.

1459828722-c08debb1-4db2-4ae9-b4aa-28b19c7671d4

Mechanisms are provided for transforming an original graph data set into a representative form having a smaller number of dimensions than the original graph data set. The controller is to lower an operating point of a first core if a first number based on processor clock cycles per instruction associated with a second core is higher than a first threshold. The handle includes the following: a body having a housing to receive the fastening element; a retaining element cooperating with the fastening element when the latter is within the rear housing; and a latch.

1459828722-df2d2f92-28b6-4502-98de-b592c8bbd730

A method of making a fiberoptic dental light probe having a bent distal end with a tapered tip. A first wireless communication device may transmit Xi copies of each ith packet in an N numbers of packets over a wireless communication link to a second wireless communication device. A transmission electromagnetic field from the sensor control unit is reflected by the metal reflection plate and transmitted to a sensor unit rotated to a position to which the field does not readily reach directly from the sensor control unit. The collaboration server calculates a current distance between the response and the posting, where the current distance represents a quantity of responses to the posting from forum participants that have occurred without a new response from the posting user being submitted to the communication forum.

1459828723-01be9bbb-31c5-4afb-b31a-11b94a6cf021

Containers are provided for packaging flexible substrates such as the glass substrates used in the manufacture of liquid crystal displays. The invention also

relates to a corresponding fabrication method. When such a condition is encountered, the starter control apparatus releases the engagement of the pinion with the ring gear while keeping the pinion rotated by the motor, thereby decreasing the torque exerted by the ring gear on the pinion to minimize the wear of the pinion.

1459828723-56c956b4-9de6-4f81-853c-b341b97218e5

Various embodiments are described herein that provide one or more of a systems, methods, software, and data structures within an Internet marketplace context that are useful to promote products that may be associated with an event occurrence. In response to user login requests, login access is controlled by providing multiple users login access to plural electronic devices capable of communicating via the communication system. The valve assembly defining a fluid flow path passing, in a first fluid flow mode, between the valve member and the valve seat, and into the fluid passage. The invention can be potentially applied to other systems comprising a swellable hydrogel and a nonswellable hydrophobic polymer. The flow is interrupted by a holding reservoir which is drained by siphoning, gravity and capillary forces. If no in-focus location exists in the image, the image display apparatus performs display of warning information and/or a warning by sound, and prompts the user to confirm necessity of printing.

1459828723-97dbcb3a-d575-480a-8b80-3c93800c6f98

A method for adding a new wavelength to an optical communication network is provided. In an embodiment, the current supplied to a motor that drives scrubbing elements in an applicator in order to identify or determine when a teat of a cow is inserted and then removed from the applicator during a wash mode and dry mode. A next step 406 includes reporting feedback on measured channel conditions for the zone at a first time for the at least one beam combination and associated resource block of the zone. The method also includes sending, from the configuration server, the requested information indicated by the at least one of information requests and inform messages over the network to the apparatus. Strategic placement of beaconing devices that are encoded with pre-defined, specialized SSIDs allows information to be forwarded to the mobile clients to trigger specific behavior in the clients and to enable the clients to pro-actively control network transitions, thereby increasing their ability to provide seamless communications.

1459828723-d7ed90f2-6b07-47d1-bab8-f28a2317af80

In method of controlling an optical amplifier dynamically adapts to both configuration and performance changes of a communications system. The electrode system includes two electrodes that are shaped and oriented to cause the current to flow from one electrode through the wound to the other electrode. The shaft defines a partially hollow bore and an orifice, the orifice being disposed on a sidewall of the shaft distal from the hopper and proximate with the juncture between the shaft and the spike. The decomposition is performed on the assumption that the x-ray attenuation value  $xM$  of the body material without the substance is composed of the x-ray attenuation values  $xM1$ ,  $xM2$  of the first and second material component in accordance with the following equation:  $xM=f*xM1+*xM2$ ,  $f$  being a volume fraction of the first material component in the body material. The present invention enables adjustment of the sample fluid flow rate while maintaining a constant total fluid flow through the flow cell, and further, enables pausing the system without significant fluctuations in the vacuum. At any point following a cleaning cycle, the granule collector can be removed to add more granules and to simplify the cleaning of the apparatus.

1459828724-2a59a903-958d-4fdd-aa18-c44a542475b6

A system and method for performing a depth estimation procedure utilizing defocused pillbox images includes a camera device with a sensor device for capturing pillbox blur images of a photographic target. The CMOS image sensor includes at least one microlens formed by anisotropic etching to have a focusing centerline, a central



lens portion, and a peripheral lens portion, wherein the focusing centerline passes through the central lens portion and wherein the peripheral lens portion surrounds the central lens portion. A sleeve within the male connector body may be adapted to extend within a bore of the female connector body. A multiplicity of logical elements can be installed to provide an optical processor. In halftone mode, the memory is operable to retrieve a halftone threshold signal which is supplied to the threshold multiplexor.

1459828724-c1888775-8d11-4b03-8a14-06e5311de982

A distributed data archive device is placed on an arbitrary location on a network so that data can be saved and extracted. At least one moveable object is configured to move within the container. Three spaced apart separable coupling brackets are secured to the half tubes across a seam.

1459828724-d5698706-1e5c-4ee4-8a80-aa9dd21e34f5

A lens barrel and a projector of the invention are provided with a fixed cylinder, and a cam ring mounted on the fixed cylinder. When the stored job is selected, a previewer displays a list of jobs, and displays a print preview image. The port switch SWP1 transfers the frames received from the port switch SWP2 through the redundancy port Pr to the fabric switch SWF1 that is the original transfer destination. The fused recessed rib ends are integrally fused to either opposite recessed rib ends or the facing opposite wall at a welded surface such that the height of the recessed ribs from the first wall to the welded surface is about approximately 15. By way of example, transforming the first layer may include annealing the first and second layer. In this way, the air compressor 1 is made to function as a data collection terminal to collect data necessary for work management from the time card 3 of the worker.

1459828725-3314464f-25e0-4179-aff8-77dce1199fc2

A method for recovering a moving picture in which an error occurs provides a more efficient and accurate recovery by enlarging a range of a damaged slice to include regions of undamaged slices adjacent to the damaged slice. The pick-up vehicle includes a swivel device including at least one swivel arm having a curved and/or bent section along its length. A second connector is mateable with the first connector and has an actuator element engageable with the mating detection element of the first connector. A space between the outer frame and the inner frame is filled with a shock absorbing material, thereby imparting shock absorbency to the casing itself. A movable support platform receives thereon the conveyed articles and is sized for location in the carton space between the sidewalls.

1459828725-706eeb26-e544-4f91-b9a2-57b1bb775a5a

A method and apparatus in an optical disk system employing a decision feedback equalization technique to provide a boosted signal resolution at a data slicer input while minimizing noise. An electronic control unit controls a motor drive and a sensor arrangement, coupled to the control unit for detection of at least one axial position of the locking bolt arrangement. The ejector mechanism includes an ejected part, which is arranged parallel to the bed board. As a result, similar conversions are achieved at a considerably lower cost. Additional polymer non-solvent is then used to remove the real polymer solvent from the solid polymer precipitate followed by drying. A complete temperature profile of a paving work area, including a comparison with the model may be recorded in computer readable memory for forensic and predictive analysis.

1459828725-922aad0d-e17f-4e15-880d-c58f97581c83

A computer-implemented system for processing a customer application for a wireless telecommunications device is provided. A positioning flange extends outwardly from the peripheral sidewall at the open end. The flow-modifying arrangement is configurable in an inactive configuration and in an active configuration. A weight for the votes is determined based on the sources, and a confidence indicator is

determined base on the weight of the votes. When the hard disk's idle time meets a dynamically computed power control idle timeout, the disk driver is commanded to power down the device. Rubber compositions containing the liquid antiozonant mixtures is also provided.

1459828725-e1444966-85c2-4b45-8b86-7509bb522570

Coherent detection of a received EM signal using universal frequency translation is described herein. The compounds possess valuable therapeutic properties and are particularly suitable for treating diseases that respond to modulation of the serotonin 5-HT<sub>6</sub> receptor. Panels 15 are quilted according to a schedule and in batches in the most efficient manner, and panels are cut according to information read from records on the material.

1459828726-90103aa3-03fc-4609-ae41-1b1e9637ca82

A method, test reagent and device usable as a test strip for detecting toxic ammonia levels in water samples such as aquarium water. A voltage signal  $V_{in}$  provided by the feedback network 8284 characterizes all errors caused by the driving opamp 76. The method and system include providing a plurality of fragments for the at least one object. The aggregated package can then be sent to the purchaser via an email address supplied by the purchaser at the time of the purchase or by the purchaser's bank while completing a funds transfer for the transaction. A second knowledge base step is performed to construct an improved high-frequency component from the enhanced high-frequency component. A magnetic film with the addition of a high resistive metal such as Cr or Mo is formed under the plating condition.

1459828726-a69b1fad-31e0-4c9a-a758-8a164a271467

A diesel engine system includes a diesel engine, a throttle valve, an EGR path, an EGR valve and a controller. Therapeutic and/or rehabilitative functionalities provided by the orthosis machine may be powered by the user or a motor and may be used through one or more phases of post surgical and/or general rehabilitation and physical therapy from multiple angular positions. The bracket includes a first sidewall defining a receiving groove in an end thereof. The tension in the yarn is controlled; the yarn is weaved; and a crimp is applied in the yarn.

1459828726-eb9aa8d6-8463-41f3-a64a-3691acf71bfa

A disrupter to a target may be precisely aimed by positioning a radiation source to direct radiation towards the target, and a detector is positioned to detect radiation that passes through the target. An air supply chamber 81 is divided into a plurality of parts 82 and 83 corresponding to a plurality of burner groups 51 and 52. The through hole into which the support is inserted is formed on the side surface of the case.

1459828726-f62b8dc4-37b3-4201-80c7-5afe7793ff2c

A repeater system for receiving a modulated input signal and for transmitting a modulated output signal comprising a clock oscillator for providing a repeater system clock, a demodulator for demodulating an input signal and a modulator for modulating the demodulated signal to obtain a modulated signal. When the write voltage polarity is inverted every plurality of lines, in the  $n$  line where the polarity is inverted, the rise in the drain line waveform dulls due to the charging of the drain line. The first and second multi-layer laminates are joined together at the unlaminated portions by interleaving a plurality of dielectric layers of the first and second multi-layer laminates. The invention further relates to the inbred and hybrid genetic complements of plants of variety CV125252.

1459828727-3a0c6139-8f9c-4697-b17e-700d9b64ed3d

Mapped data of line pressure set to any of high pressure/low pressure regions on the basis of an engine load are stored in a storage section. A second semiconductor package which is located on a lower side includes a second printed wiring board.

Hence, data is concurrently transferred to and transferred from the data FIFOcaching memory.

1459828727-5d9a760a-814a-49c2-aa4c-348736e4041d

An apparatus and associated method of generating a multi-core communication topology. The interface includes a scenariosresults processor that enables the user to prescribe an optimization scenario, and that presents the optimum prices to the user. The tip-resistant sheet can also utilize a composite material formed by laminating an elastic material onto a metal material and the spherical bodies, different from the elastic material and having a diameter equal to or larger than the thickness of the composite material, are placed against surface of the composite material. As a result, micro and nanometer structures can be patterned without being limited by light diffraction in conventional lithography methods.

1459828727-72f0f96d-c29a-4dda-a819-188f8715e3b5

A terminal for at least one electrical conductor, comprising a terminal socket and a clamping spring, wherein a clamping force applied by the clamping spring clamps the electrical conductor to the terminal socket, and wherein a screw coupled to a support element is provided, by which at least one section of the clamping spring is movable relative to the terminal socket. The method includes a propagator with a ratio of Green's functions for the location within the volume and for the spherical array radius, and a Tikhonov regularization filter that uses the Morozov discrepancy principle on the measured noise variance and Fourier coefficients of the measured partial pressures with respect to reference accelerometer or microphone measurements. Also disclosed are methods for promoting proliferation or differentiation of osteoblasts, osteoclasts, chondrocytes, or bone marrow stem cells comprising culturing the cells in an effective amount of a zveg3 protein. In exemplary embodiments, at least one seal may be located between the plurality of plates to create a substantially air tight and substantially water tight seal between adjacent ones of the plurality of plates to aid in preventing the aqueous solution located between adjacent ones of the plurality of plates from leaking out of the cell.

1459828727-9e69e123-1116-454d-bdc8-2df47232aadd

At least one antenna array including three mutually orthogonal antennas each sharing a common center point senses an electromagnetic signal emitted by a buried object such as a utility line, pipe or sonde. A CPU activates each of the red LEDs 10R and green LEDs 10G for a predetermined period to emit light in a luminance level in accordance with image data. A thin film transistor is formed on the first substrate in each sub-pixel. A direct communications link may then be established between a first network access device hosting an available resource and a second network address device using the personal network address associated with the resource. The handle portion engages a cover portion of the housing such that plastic panels are exposed through openings formed in the metal casing walls.

1459828728-073687eb-3598-413d-bc44-7b8aa42765f2

A cartridge for histological specimen slides includes a generally enclosed body and a slide holder. The distribution media then transmits the hash to the target or client, the hashes are compared, and, if they do not match, the update files are downloaded for further review and updating, if desired. The blades 46 are grouped and centered on the winding tunnels of the armature with the axially outer edges of the blades of each group joined together by a radial wall 50 within the radial spacing of the annulus of the plate 42 but axially spaced therefrom. A circuit and method for reducing fixed pattern noise. The communication system, upon implementing a broadcast-type multicast service, enhances compensation of communication breaks when detecting and recovering from a fault in an IP network, and reduces the network traffic.

1459828728-1e9ba545-975b-4139-b7f5-366d772e6a5c

The present invention discloses a data transmission device and method thereof, and a data reception device and method thereof. The second molded plastic component is adhesively bonded to the first component with an adhesive. This request initiates communication between the network endpoints through the set of network resources. A voltage drop caused on one of the paired global IO lines by turn-on of the read gate transistor is amplified by a main read amplifier to obtain read data. At least a portion of the interconnects for each tub have an exposed portion on a side of the submount and at least some of the plurality of the interconnects are not connected to other interconnects in the submount.

1459828728-636ca46e-85c9-41b5-a052-f5ba361b72fc

An apparatus and method for expediting parity checked TLB access operations is described in connection with a multithreaded multiprocessor chip. Since the gadolinium complex compounds of the present invention such as that represented by the following structural formula exhibit responsiveness to potassium ion, calcium ion, glucose or the like, by using the gadolinium complex compounds of the present invention as a MRI probe, the ion or compound in a living body can be detected and concentration distribution thereof may be determined. At least one spacer and the gate electrode mask a portion of the surface during the ion implantation process such that the source extension and drain extension are asymmetrically positioned with respect to the gate structure by an asymmetry measure. The host computer uses the model-specific parameters of the printer and the control command to process image data that is output to the printer.

1459828728-90dcfb72-7615-422c-b2f3-d353d11cbe15

A system for displaying an embedded intelligence applet comprises a processor and a memory. A fraction of at least one constituent material is determined for each pixel. Providing a smooth transition for the wave fronts minimizes the occurrence of eddy currents so that diffractions do not interfere with the quality of sound from the driver. In response to a directory enumeration request from a client computer, one or more directories of metadata files on one or more of the file servers are enumerated, instead of enumerating the data file that store the user file portions.

1459828728-99f39a36-9c0a-4d9a-a040-f590cd3a175d

A method of concealing bit errors in a signal is provided. For this purpose, a hard mask material may be used during a process sequence for forming offset spacer elements in one gate electrode structure while covering another gate electrode structure. The pedestal driving voltage and the brightness control voltage can be reciprocally controlled without modifications to a circuit having limited amplification, and the brightness can be improved without saturating an image in a highlight mode.

1459828729-0ef1cdbf-b840-4b4b-9c00-1f3878c13231

A device and method is provided for providing a notebook computer casing whose contour and outward features can be change by the user. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The method further includes executing the at least one command in response to receiving the user inputs to execute the at least one command. The apparatus and method of the present invention significantly reduces the margin of error related to the application of coatings to parts, the number of defective parts and increases the overall efficiency. Output from the significance function generator is coded using the modified Z-coder. To increase the service life of the injector, the end toward the nozzle needle of the valve piston or of a thrust rod triggered by the valve piston is guided coaxially to the axis of symmetry of the nozzle needle.

1459828729-94743015-f389-4fb3-a43a-cdbe0866bf21

A golf bag accessory, for indicating the removal of a golf club from a golf bag, has a base member consisting of supporting ring elements. The lead frame has stress relief slots formed in the undersides of the lead elements proximate the adhesive to accommodate filler particles lodged between the leads and the active surface of the die during transfer molding of a plastic encapsulant. A first server is present in which the first server receives a request from a client to access a resource, performs an authentication process with the client, add information to the request in which the information indicates that the request is from a trusted source to form a modified request, and sends the modified request for processing. Since the anti-coagulation liquid is applied to the face surface in advance, the generation of the reaction product on the face surface is prevented or suppressed. The present invention can obtain a more complete set of data for all sectors in the data collection area, allowing for more accurate performance evaluation and greater planning information.

1459828729-ac809bab-807a-4b84-95bd-d9e5255c68d3

Systems, methods, and devices for providing and managing electronic event tickets are provided. Thus, the two lenses can be rotated with respect to the camera lens, respectively, for achieving the independent adjustment of the rotation angle of each lens. A second inverter is provided that has a first electrode coupled to the fourth electrode of the first inverter for receiving the output signal of the first inverter, a second electrode, a third electrode, and a fourth electrode for providing an output signal and that has a propagation delay that is dependent on a second current. A removable food supporting plate is disposed in the body receptacle and on the bottom wall of the main body. Also disclosed is a microelectronic structure comprising a substrate; a plurality of transistors formed on the substrate; and a plurality of conductive features formed within a dielectric pattern, wherein the plurality of conductive features include at least one two-dimensional feature having a dimensional tolerance more precise than 7%.

1459828729-e5a26e42-ac09-4d56-a78f-f6fa169fde82

A semiconductor integrated circuit device employing two clock signal generating circuits which output clock signals for distribution to an internal circuit of the device, the first and second clock signal generating circuits having different clock-settling times and the selection thereof is effected from outside of the device. The device includes a receiver that receives a signal pattern representing electromagnetic field disturbances over time caused by movement of metal doors in a detection region. The method also includes sending a command to join a second multicast group in response to the control message. The nanoscale object is picked from its initial position by the tip of the scanning probe microscope, then placed and released at the target position.